

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130864.D
 Acq On : 29 Oct 2022 18:48
 Operator : CG\JU
 Sample : N5327-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LACY-05

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	23	30	36	rVB	476435	600146	34.91%	2.806%
2	2.375	45	49	55	rVB	37283	45970	2.67%	0.215%
3	5.169	520	524	533	rBV	247817	303579	17.66%	1.419%
4	5.557	585	590	593	rBV	1740493	1719329	100.00%	8.038%
5	6.010	663	667	670	rBV2	26586	32447	1.89%	0.152%
6	6.087	674	680	683	rBV	34754	40275	2.34%	0.188%
7	6.187	692	697	701	rBV2	50064	53367	3.10%	0.249%
8	6.375	725	729	733	rBV2	48209	68843	4.00%	0.322%
9	6.434	734	739	742	rVB2	56567	69907	4.07%	0.327%
10	6.469	742	745	747	rBV	49025	36513	2.12%	0.171%
11	6.528	752	755	756	rBV	61728	48230	2.81%	0.225%
12	6.557	756	760	763	rVB	1557362	1630555	94.84%	7.623%
13	6.945	823	826	829	rVB	607015	471085	27.40%	2.202%
14	6.992	829	834	837	rVB3	33535	42672	2.48%	0.199%
15	7.051	841	844	847	rVV2	39620	39605	2.30%	0.185%
16	7.081	847	849	854	rVB2	30339	30870	1.80%	0.144%
17	7.210	866	871	874	rBV2	59849	68601	3.99%	0.321%
18	7.240	874	876	878	rBV	37941	31403	1.83%	0.147%
19	7.322	886	890	895	rBV	60690	64096	3.73%	0.300%
20	7.475	911	916	918	rBV	37417	50987	2.97%	0.238%
21	7.504	918	921	924	rVV	1039317	973536	56.62%	4.551%
22	7.534	924	926	930	rVV	44270	36726	2.14%	0.172%
23	7.592	930	936	938	rVB5	52267	69637	4.05%	0.326%
24	7.645	938	945	949	rBV6	34335	77387	4.50%	0.362%
25	7.692	949	953	954	rBV3	26478	32925	1.91%	0.154%
26	7.710	954	956	958	rVV2	39344	37694	2.19%	0.176%
27	7.734	958	960	964	rVB2	51546	49227	2.86%	0.230%
28	7.828	971	976	977	rBV2	45088	49547	2.88%	0.232%
29	7.845	977	979	981	rVV	91922	72330	4.21%	0.338%
30	7.875	981	984	986	rVV	88286	88679	5.16%	0.415%
31	7.904	986	989	992	rVV3	47130	58838	3.42%	0.275%
32	7.939	992	995	997	rVV2	46343	59268	3.45%	0.277%
33	7.969	997	1000	1002	rVV2	72208	68827	4.00%	0.322%
34	7.992	1002	1004	1006	rVV	60119	45697	2.66%	0.214%
35	8.039	1009	1012	1015	rVB2	42162	50840	2.96%	0.238%
36	8.092	1018	1021	1024	rVB	58299	46681	2.72%	0.218%

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Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.175	1028	1035	1037	rVV4	31210	47916	2.79%	0.224%
38	8.204	1037	1040	1041	rVV	116053	103455	6.02%	0.484%
39	8.228	1041	1044	1047	rVV	600810	569121	33.10%	2.661%
40	8.281	1050	1053	1055	rVB2	73730	72417	4.21%	0.339%

41	8.310	1055	1058	1061	rBV	58553	51097	2.97%	0.239%
42	8.392	1065	1072	1075	rBV5	50035	69669	4.05%	0.326%
43	8.516	1089	1093	1097	rVV5	65479	75161	4.37%	0.351%
44	8.610	1105	1109	1112	rVV3	37208	51117	2.97%	0.239%
45	8.734	1128	1130	1135	rBV3	26048	35765	2.08%	0.167%

46	8.810	1141	1143	1147	rBV3	90723	87087	5.07%	0.407%
47	9.304	1223	1227	1230	rBV	1787244	1441994	83.87%	6.741%
48	9.986	1340	1343	1347	rBV	537150	437066	25.42%	2.043%
49	10.775	1473	1477	1481	rBV	955449	829725	48.26%	3.879%
50	11.333	1567	1572	1577	rBV3	30852	45444	2.64%	0.212%

51	11.480	1593	1597	1599	rBV	527612	438986	25.53%	2.052%
52	11.504	1599	1601	1604	rVV	380815	277978	16.17%	1.300%
53	11.557	1604	1610	1612	rVB	61611	58258	3.39%	0.272%
54	11.869	1659	1663	1665	rBV2	35123	33267	1.93%	0.156%
55	11.998	1679	1685	1690	rBV2	230653	344553	20.04%	1.611%

56	12.057	1692	1695	1698	rVB	47191	38923	2.26%	0.182%
57	12.092	1698	1701	1704	rBV2	127275	145743	8.48%	0.681%
58	12.116	1704	1705	1709	rVB	74719	46127	2.68%	0.216%
59	12.280	1729	1733	1734	rBV	65155	57400	3.34%	0.268%
60	12.298	1734	1736	1739	rVB	79609	66534	3.87%	0.311%

61	12.533	1772	1776	1779	rBV	86552	90423	5.26%	0.423%
62	12.569	1779	1782	1784	rVV2	45806	55473	3.23%	0.259%
63	12.616	1788	1790	1796	rVB3	71378	78311	4.55%	0.366%
64	12.698	1800	1804	1807	rBV	1071971	876476	50.98%	4.097%
65	12.786	1816	1819	1822	rVB2	84748	72001	4.19%	0.337%

66	12.822	1822	1825	1827	rBV2	31394	31844	1.85%	0.149%
67	12.927	1837	1843	1848	rBV	870169	968907	56.35%	4.530%
68	12.974	1848	1851	1855	rVB2	62839	75242	4.38%	0.352%
69	13.045	1859	1863	1864	rBV2	61326	64229	3.74%	0.300%
70	13.069	1864	1867	1873	rVB	1568086	1365089	79.40%	6.382%

71	13.139	1875	1879	1884	rBV2	85019	154668	9.00%	0.723%
72	13.233	1891	1895	1896	rVV3	61187	76047	4.42%	0.356%
73	13.251	1896	1898	1902	rVB	129982	126600	7.36%	0.592%
74	13.292	1902	1905	1907	rBV4	25207	31032	1.80%	0.145%
75	13.321	1907	1910	1912	rBV	69398	53325	3.10%	0.249%

76	13.357	1912	1916	1919	rVV2	123235	130310	7.58%	0.609%
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77	13.416	1923	1926	1929	rBV	29101	30755	1.79%	0.144%
78	13.451	1929	1932	1935	rBV	63853	55117	3.21%	0.258%
79	13.486	1935	1938	1941	rBV2	57668	58597	3.41%	0.274%
80	13.639	1960	1964	1965	rBV4	31206	41218	2.40%	0.193%
81	13.763	1982	1985	1989	rVB	139752	127826	7.43%	0.598%
82	13.874	2000	2004	2007	rBV2	89113	124827	7.26%	0.584%
83	13.904	2007	2009	2011	rVV	77533	57988	3.37%	0.271%
84	13.927	2011	2013	2017	rVV3	54063	72375	4.21%	0.338%
85	13.969	2017	2020	2023	rVB2	148152	119270	6.94%	0.558%
86	14.004	2023	2026	2032	rBV4	69438	145313	8.45%	0.679%
87	14.121	2039	2046	2049	rBV2	640396	969210	56.37%	4.531%
88	14.157	2049	2052	2058	rVB	431817	447970	26.05%	2.094%
89	14.221	2059	2063	2068	rBV2	185537	253145	14.72%	1.183%
90	14.516	2110	2113	2116	rVB	103633	92743	5.39%	0.434%
91	14.545	2116	2118	2122	rVB	68413	59190	3.44%	0.277%
92	14.645	2132	2135	2137	rBV	55019	65163	3.79%	0.305%
93	14.998	2192	2195	2198	rBV2	45547	63251	3.68%	0.296%
94	15.198	2224	2229	2232	rBV	302192	493419	28.70%	2.307%
95	15.310	2245	2248	2251	rBV	51067	49811	2.90%	0.233%
96	15.515	2279	2283	2289	rVB	172665	217030	12.62%	1.015%
97	15.580	2290	2294	2300	rVV	233050	286754	16.68%	1.341%
98	15.645	2301	2305	2308	rVV2	217464	280788	16.33%	1.313%
99	15.674	2308	2310	2317	rVB2	102239	137858	8.02%	0.644%
100	17.192	2563	2568	2578	rVB2	93858	200205	11.64%	0.936%

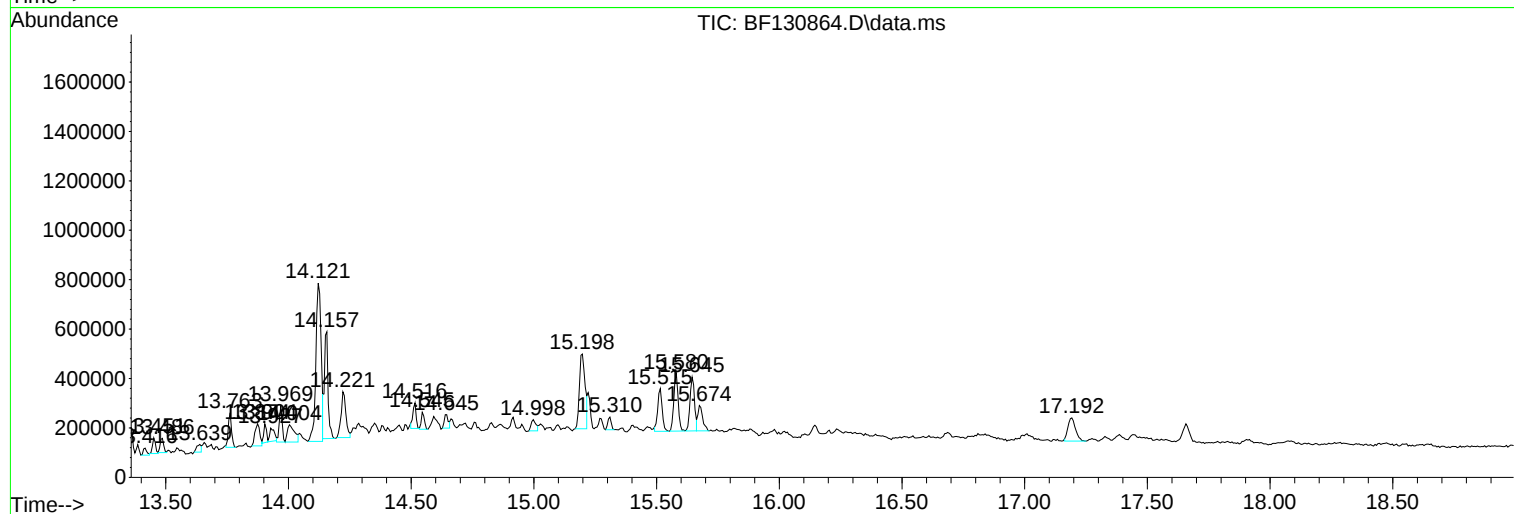
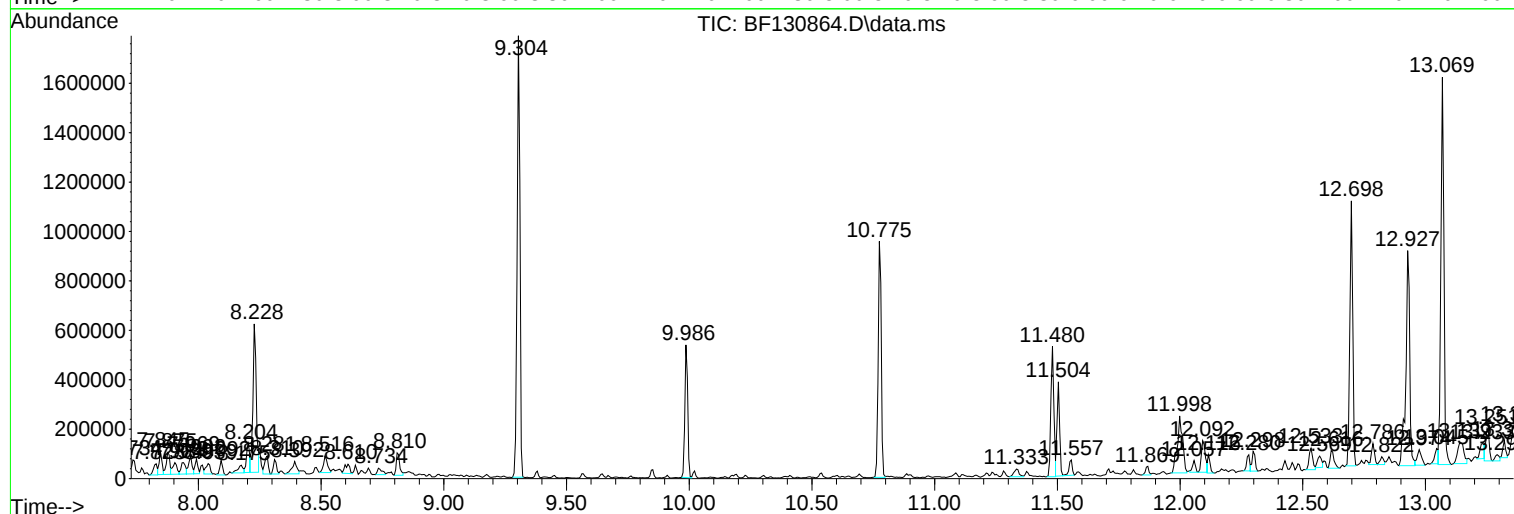
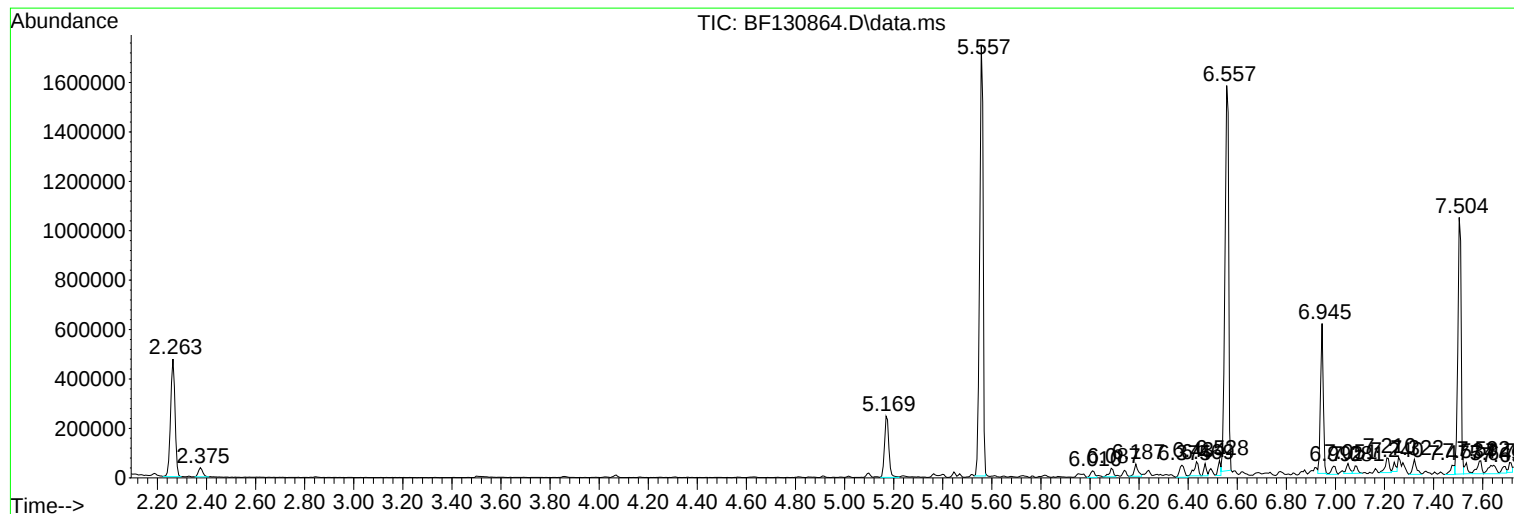
Sum of corrected areas: 21390922

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LACY-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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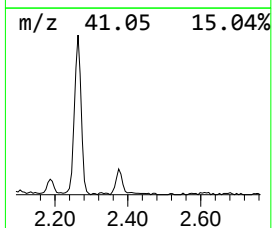
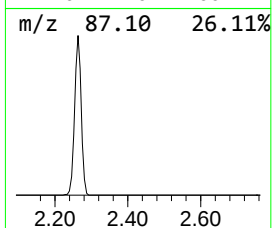
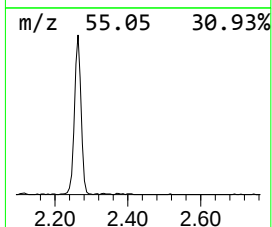
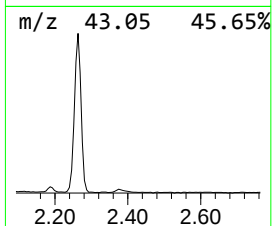
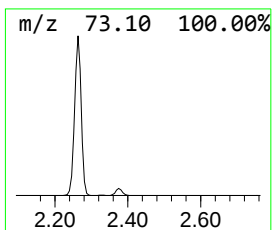
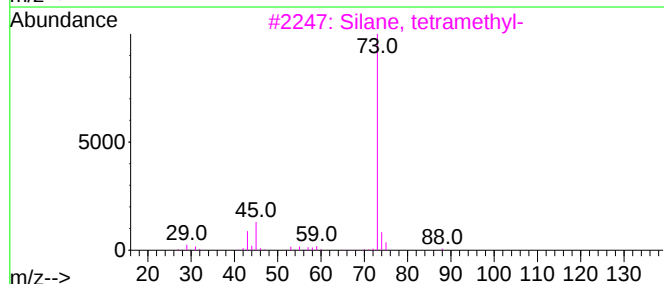
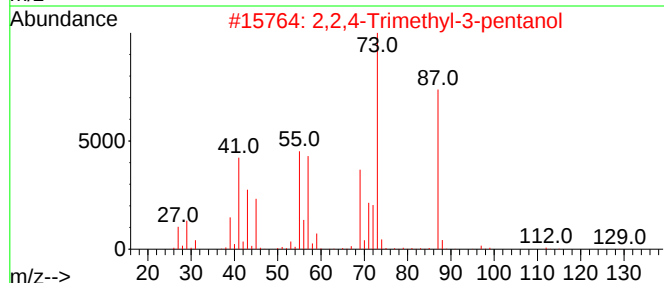
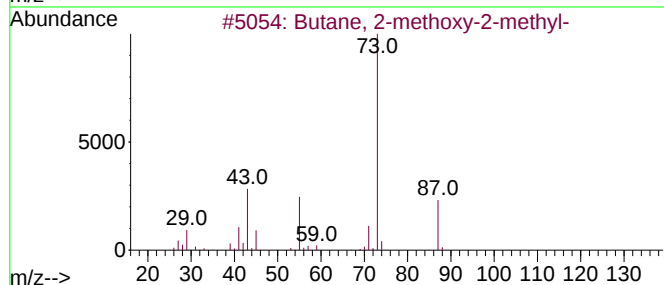
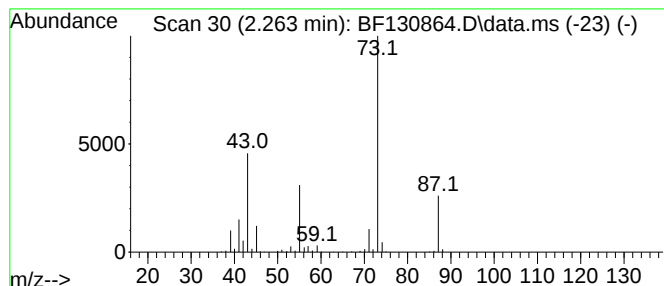
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	25.48 ng	600146	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			Borane, dimethoxy-	74	C2H7B02	004542-61-4	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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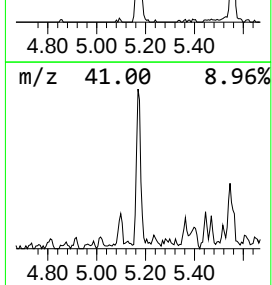
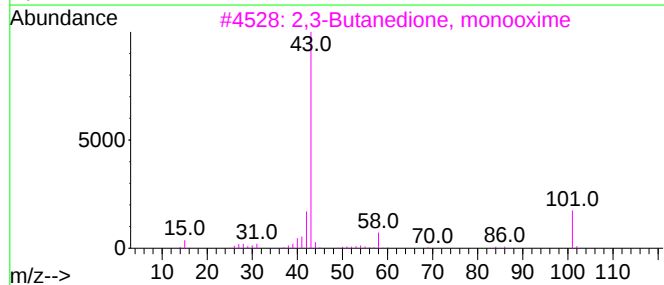
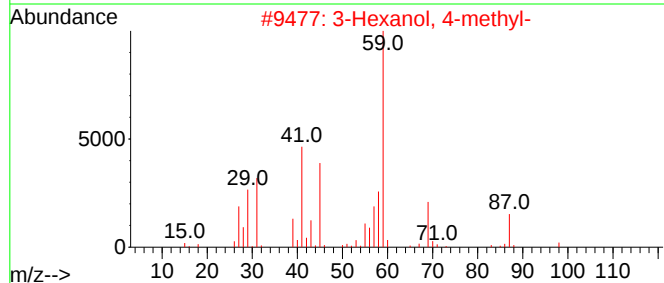
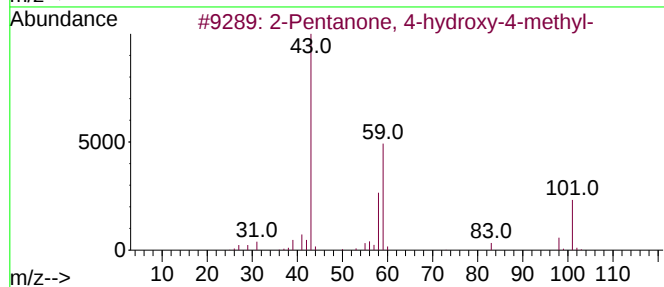
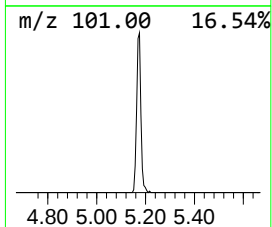
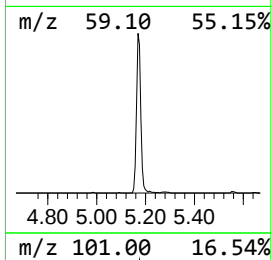
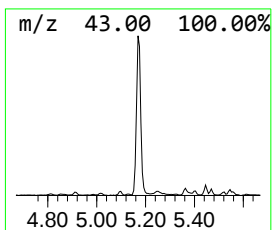
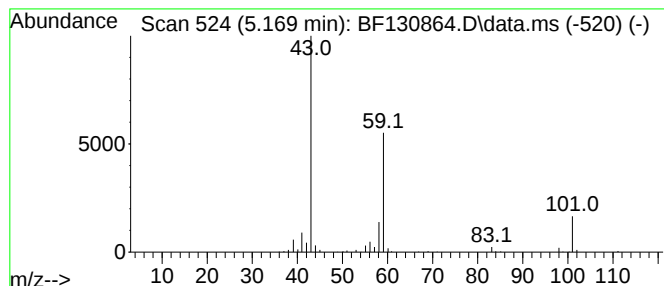
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	12.89 ng	303579	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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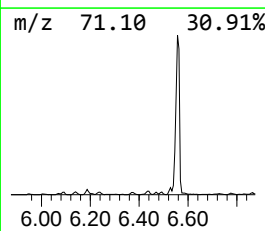
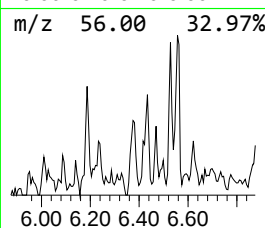
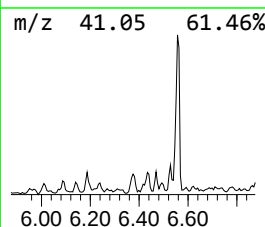
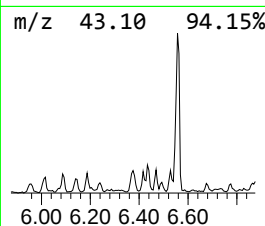
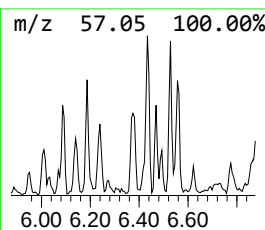
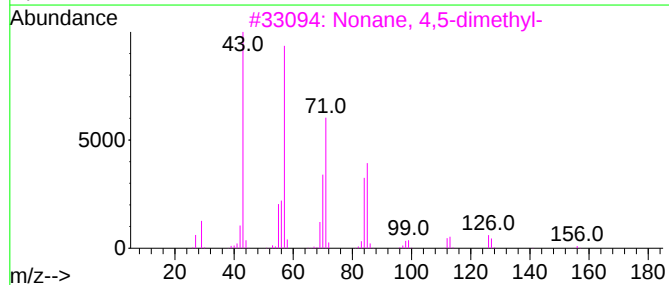
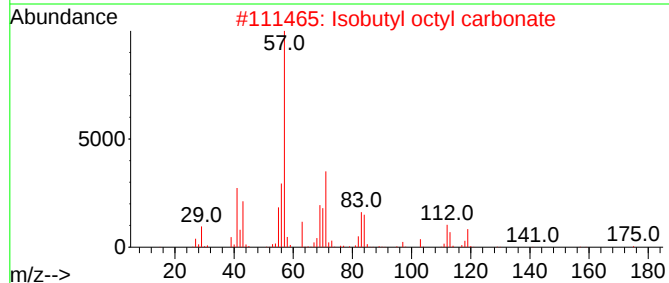
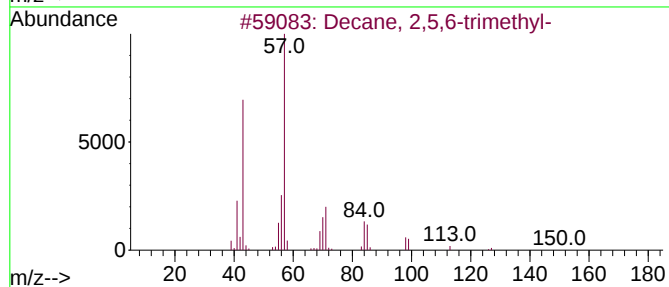
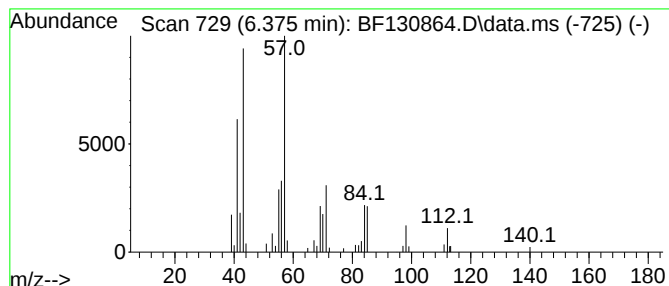
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	2.92 ng	68843	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2			Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	53
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	53
4			Hexyl octyl ether	214	C14H30O	017071-54-4	50
5			Nonane	128	C9H20	000111-84-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LACY-05

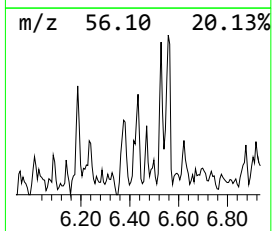
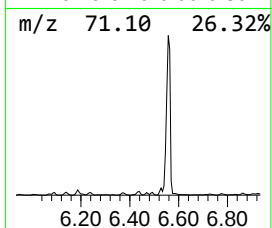
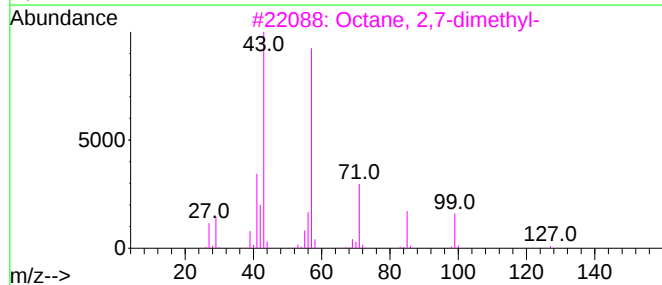
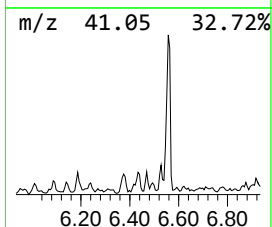
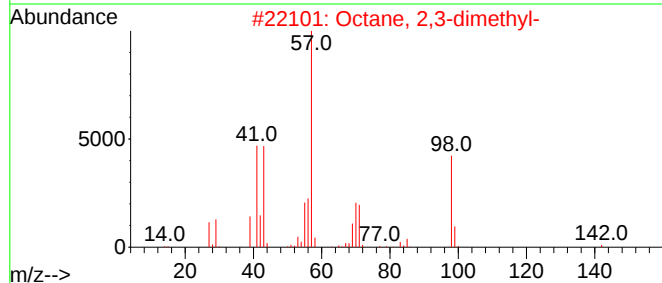
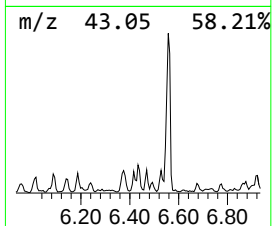
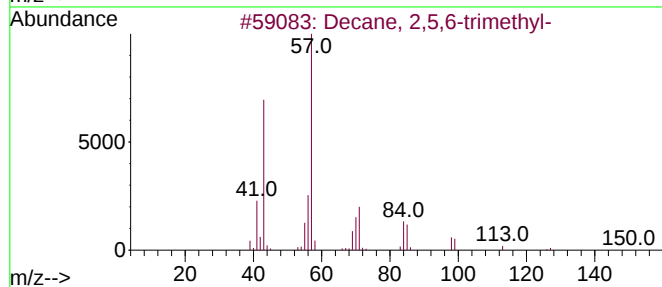
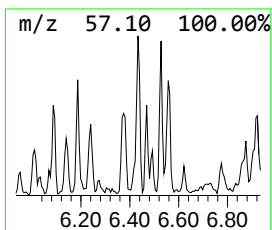
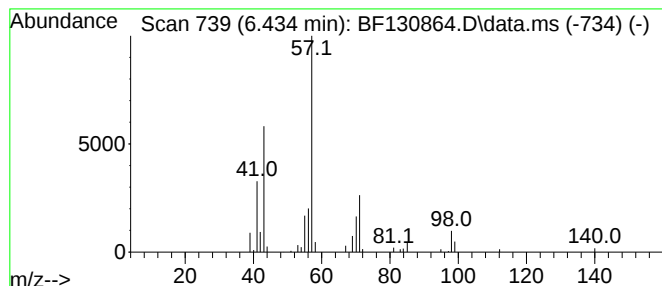
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	2.97 ng	69907	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
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Misc :
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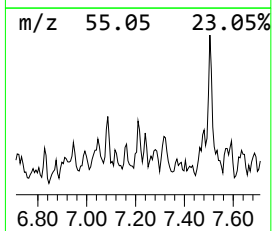
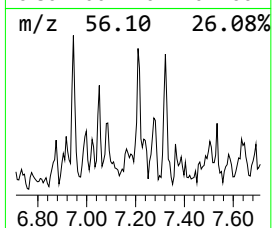
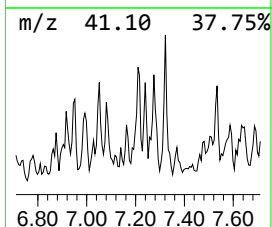
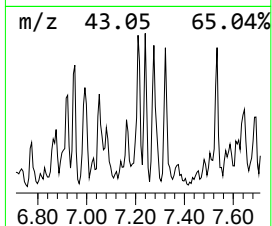
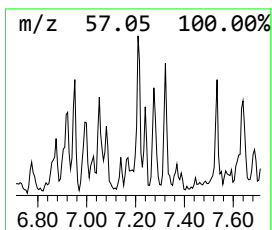
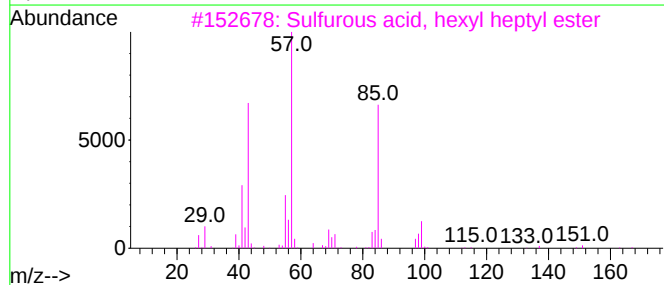
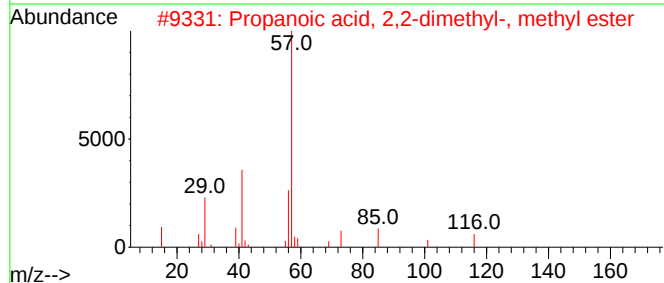
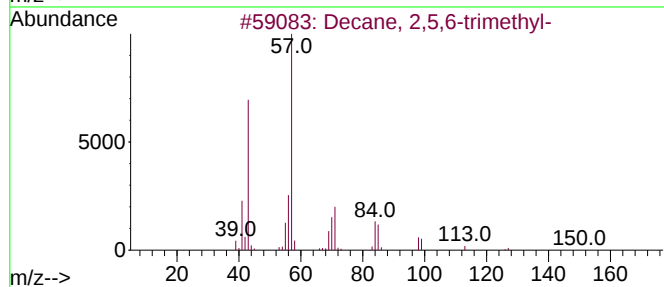
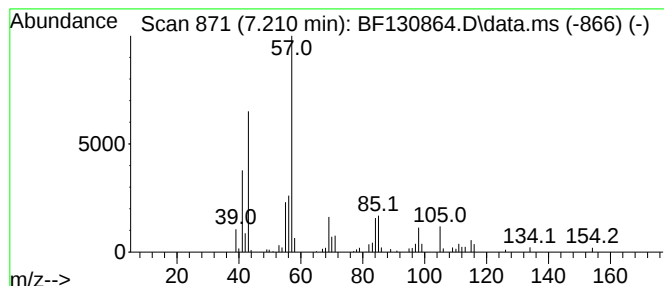
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.210 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	2.91 ng	68601	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2			Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	43
3			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	43
4			2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	38
5			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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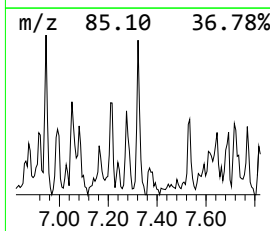
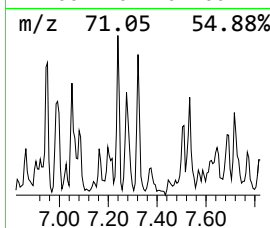
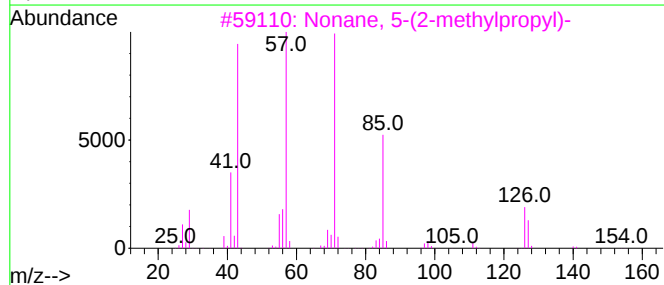
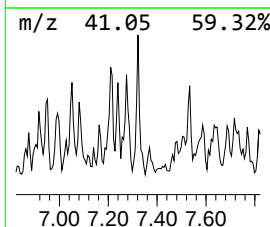
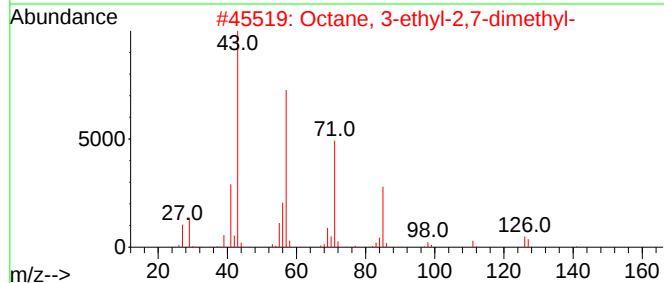
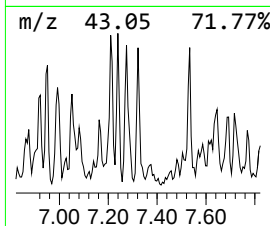
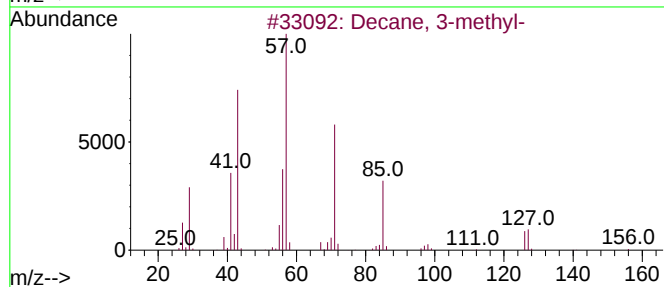
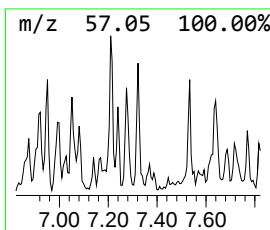
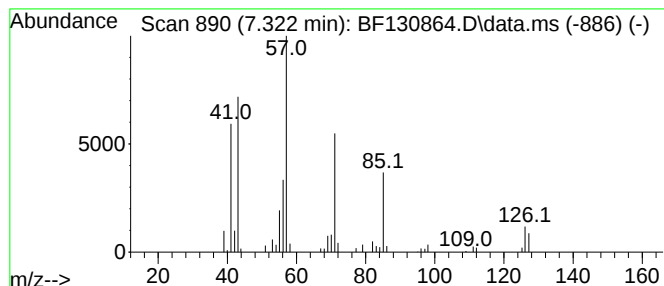
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.322	2.72 ng	64096	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	78
2			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	78
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64
5			Tetradecane	198	C14H30	000629-59-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
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Sample : N5327-01
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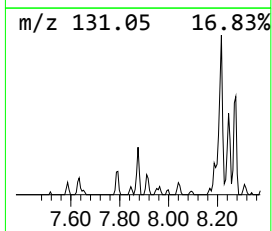
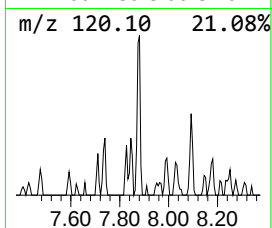
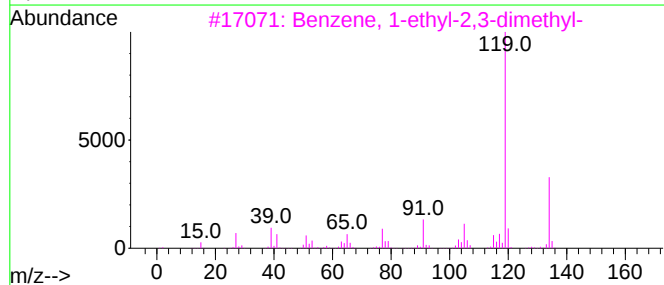
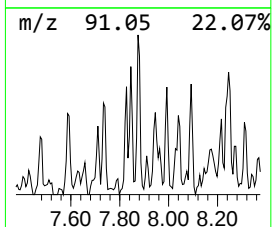
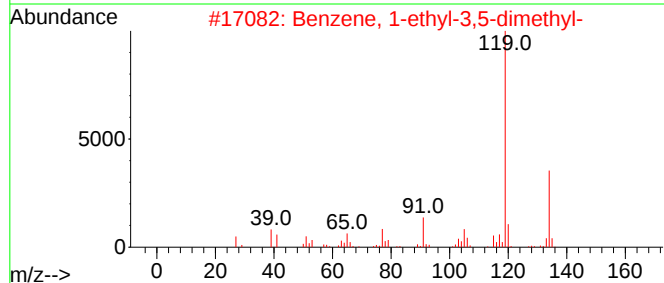
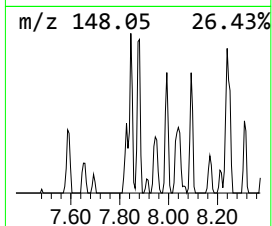
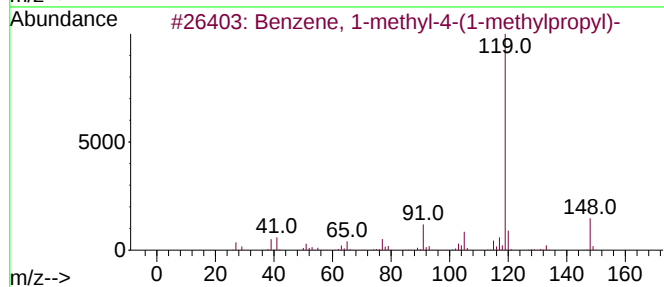
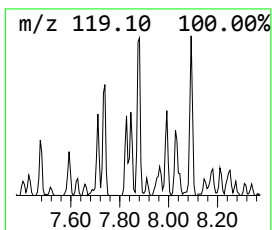
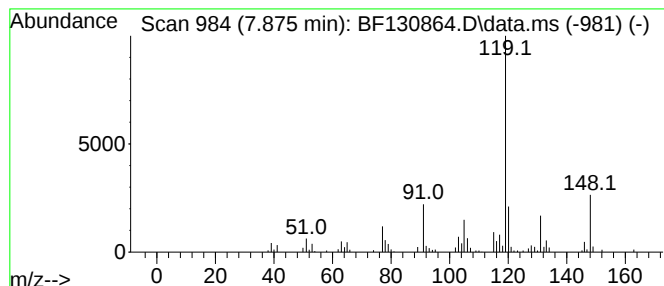
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.875	3.12 ng	88679	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4			o-Cymene	134	C10H14	000527-84-4	60
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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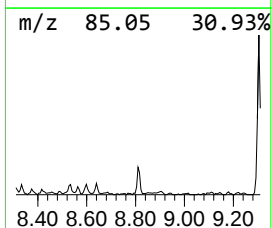
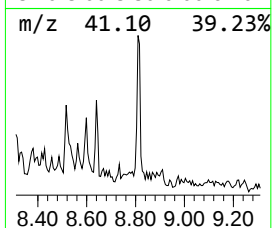
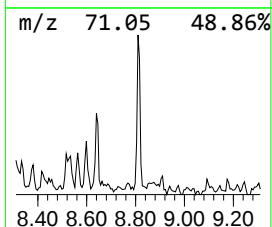
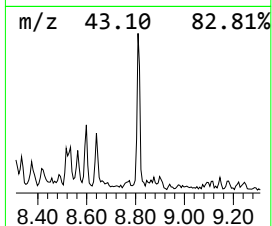
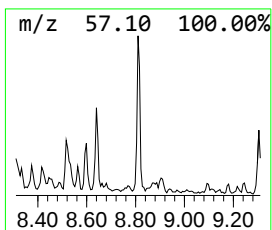
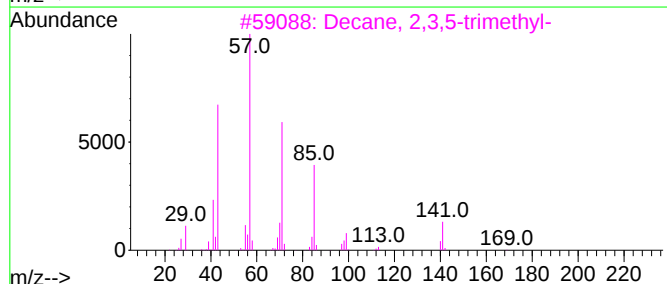
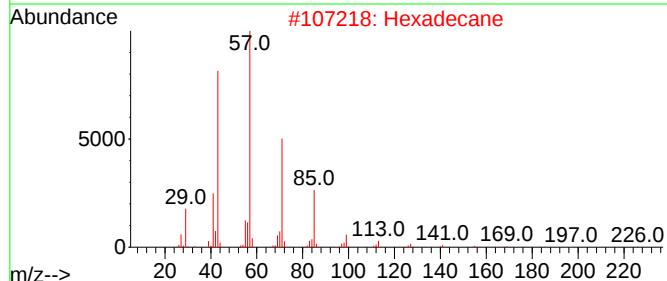
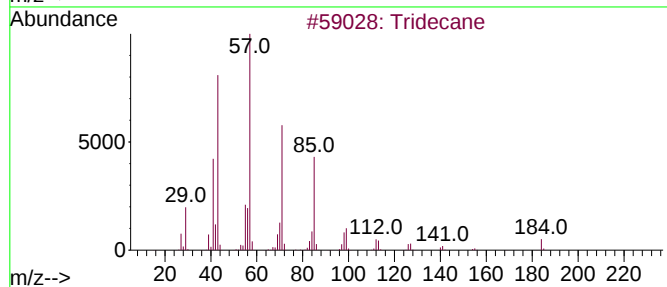
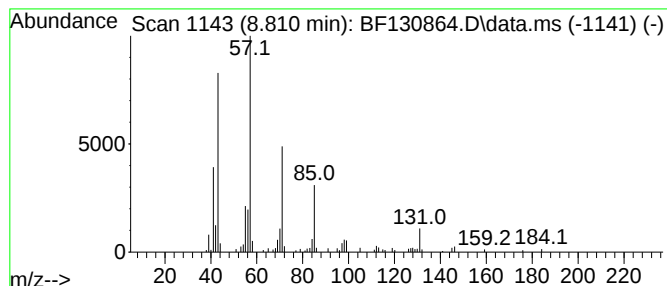
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.810	3.06 ng	87087	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	72
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4			Dodecane	170	C12H26	000112-40-3	64
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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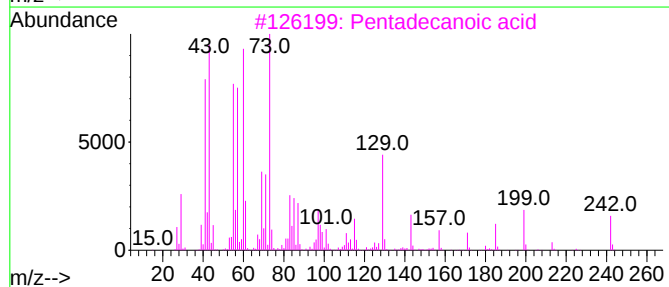
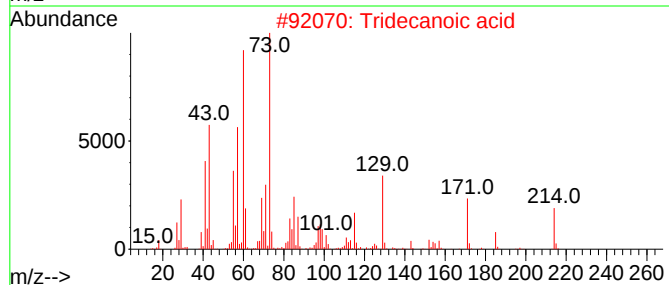
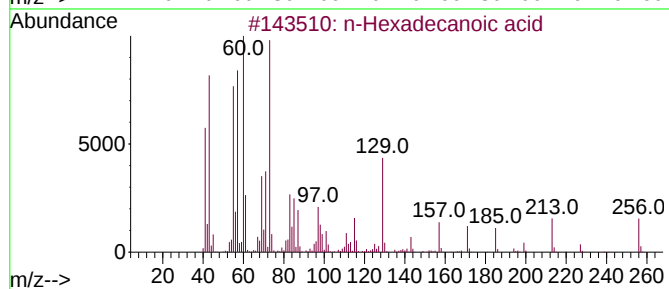
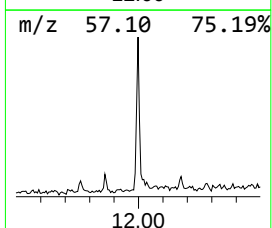
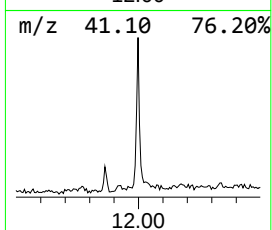
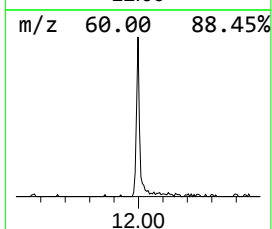
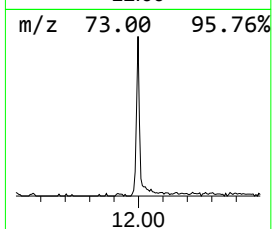
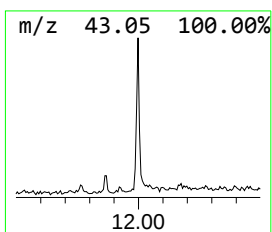
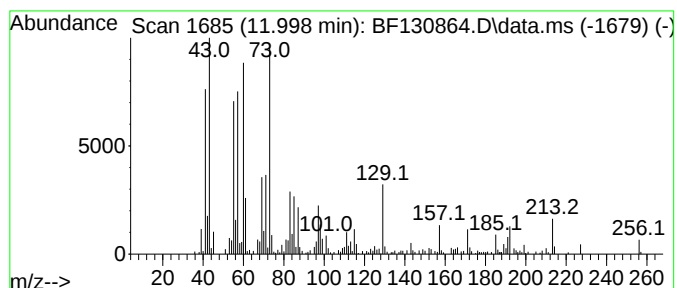
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.998	15.70 ng	344553	Phenanthrene-d10	11.480	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Octanoic acid	144	C8H16O2	000124-07-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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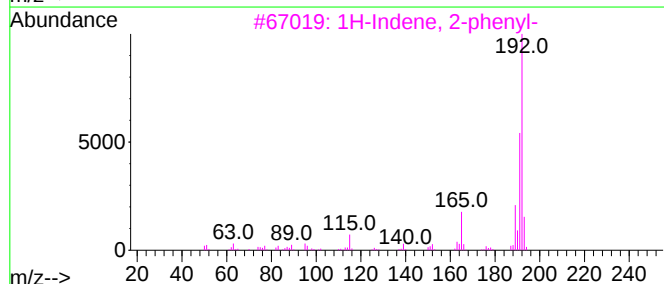
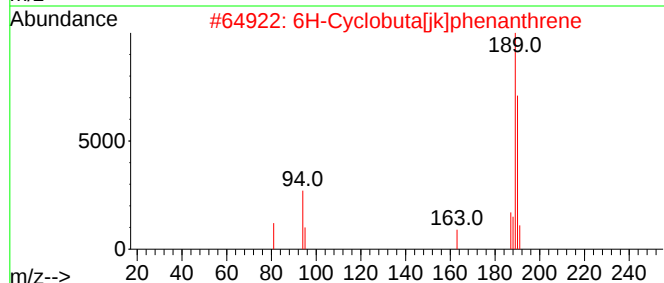
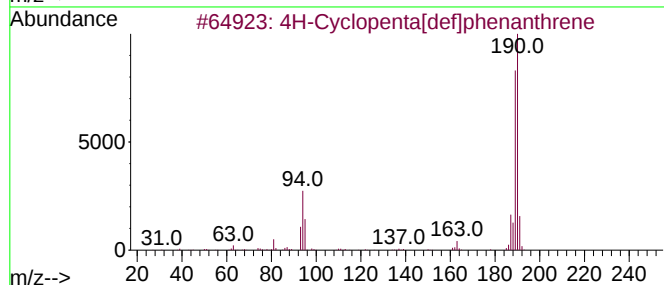
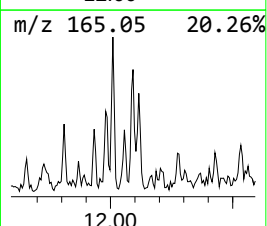
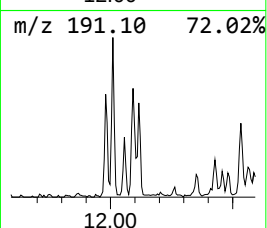
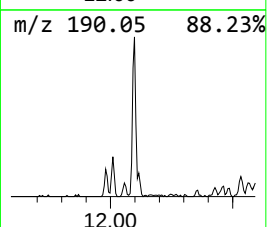
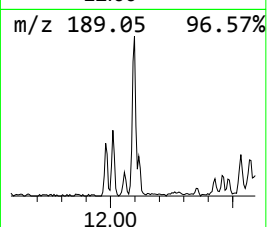
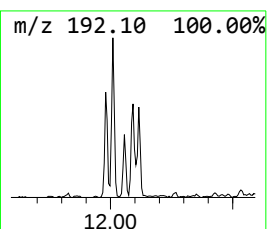
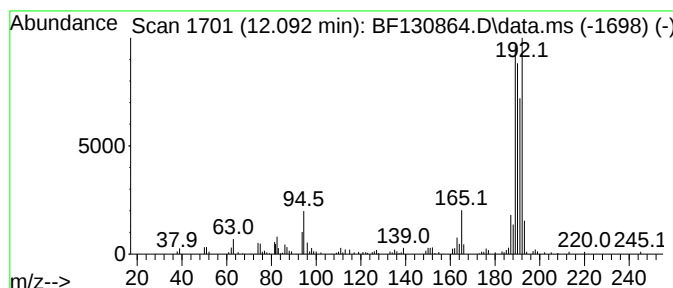
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	6.64 ng	145743	Phenanthrene-d10	11.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	46
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

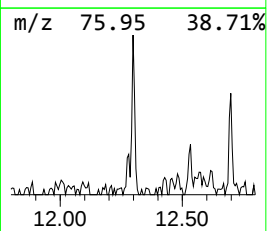
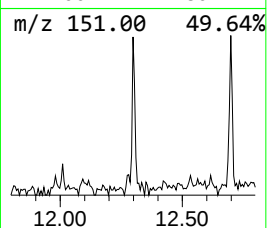
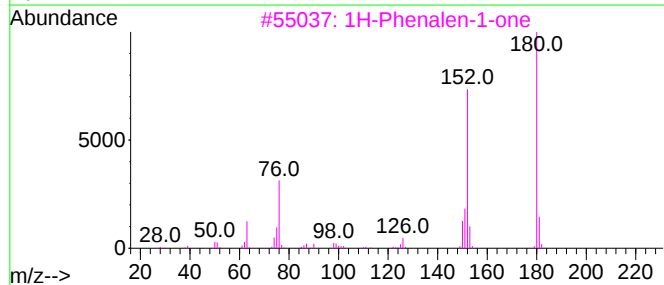
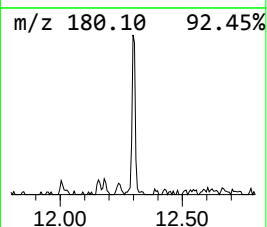
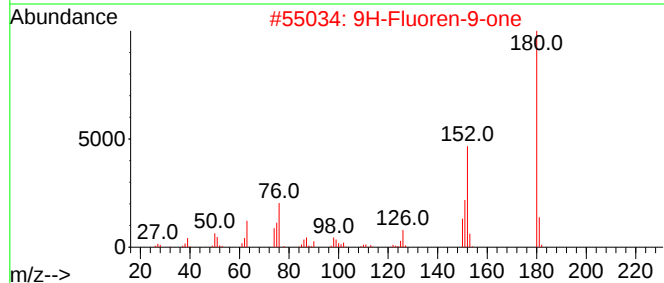
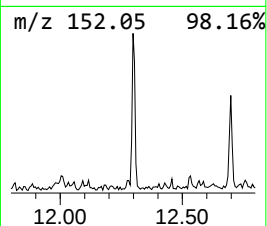
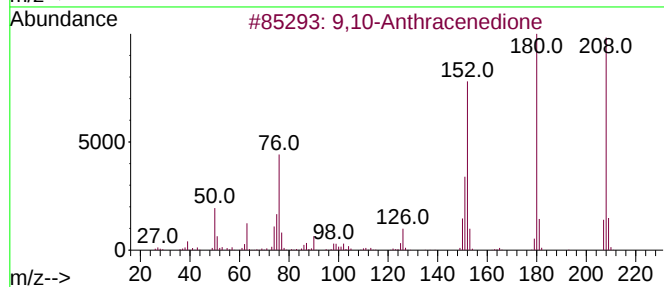
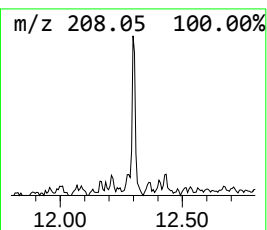
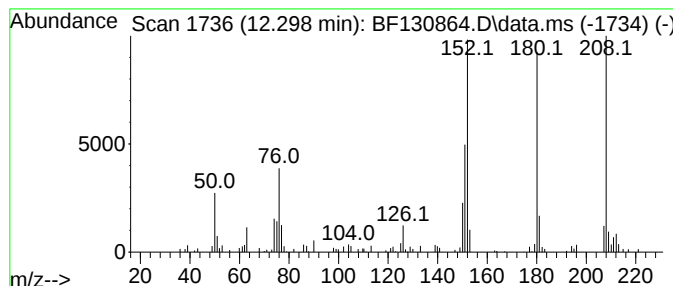
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.298	3.03 ng	66534	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	83
2	9H-Fluoren-9-one		180	C13H8O	000486-25-9	70
3	1H-Phenalen-1-one		180	C13H8O	000548-39-0	64
4	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	53
5	1,4-Anthracenedione		208	C14H8O2	000635-12-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
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Sample : N5327-01
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ClientSampleId :
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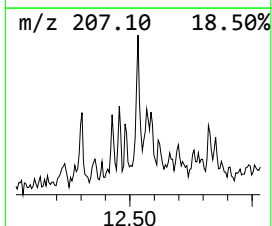
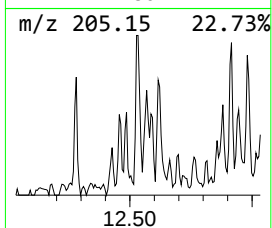
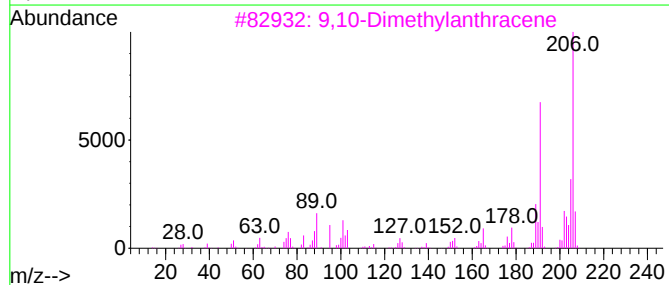
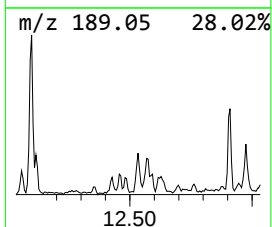
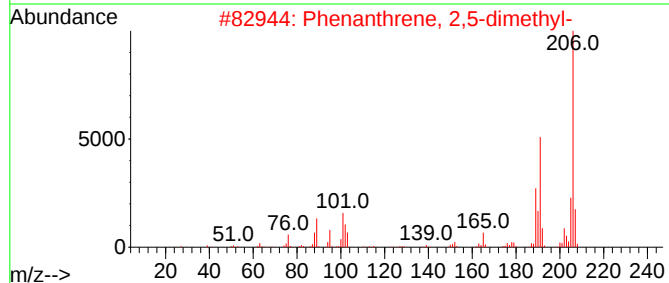
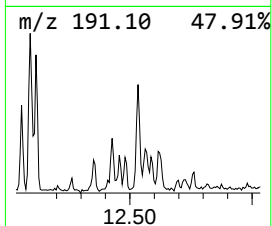
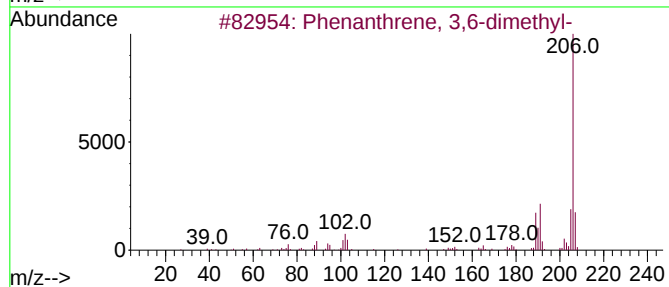
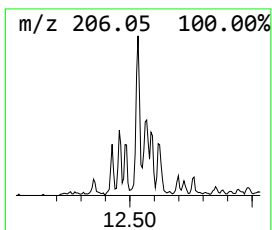
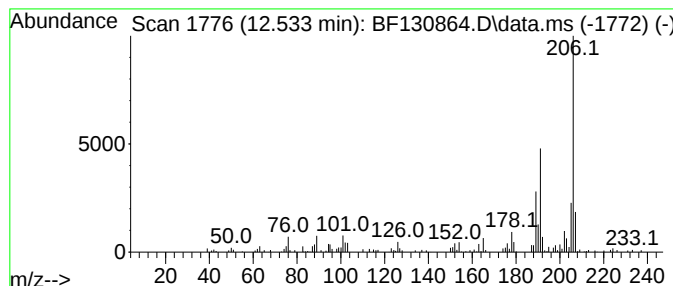
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	4.12 ng	90423	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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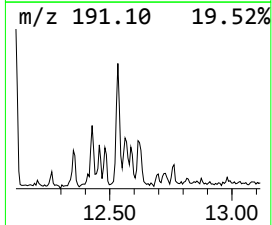
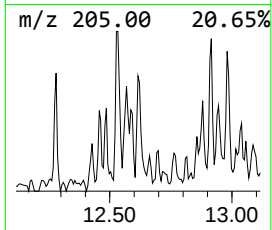
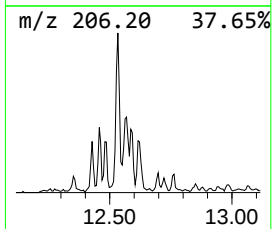
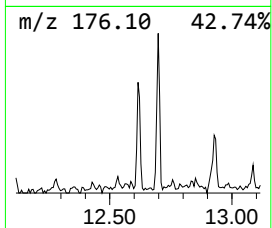
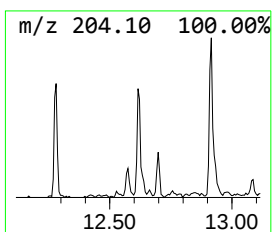
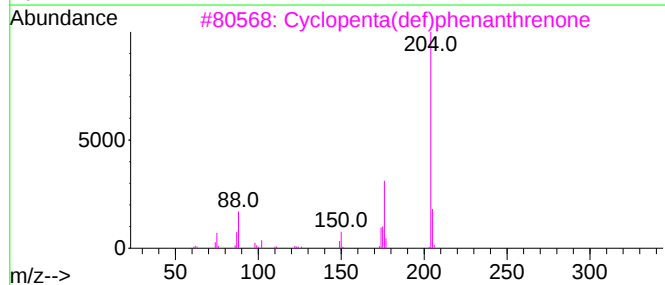
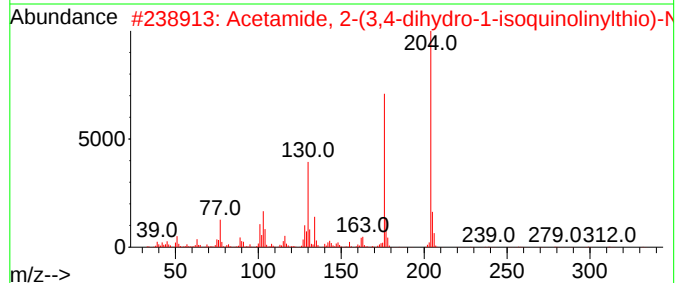
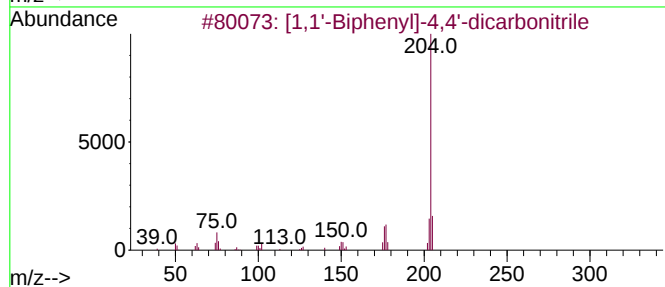
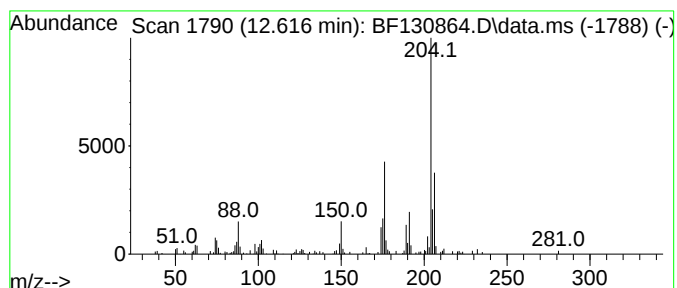
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown12.616 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	3.57 ng	78311	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
2			Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	47
3			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
4			Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5			2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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Acq On : 29 Oct 2022 18:48
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Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

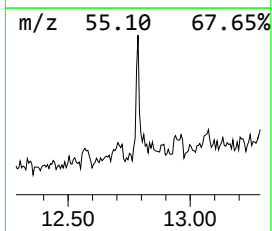
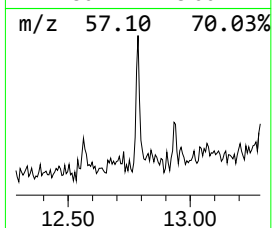
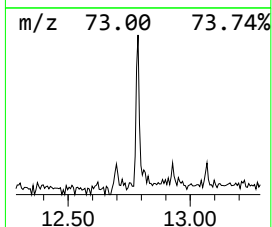
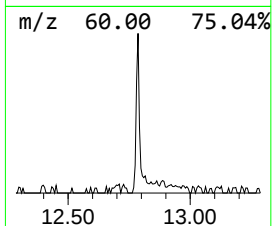
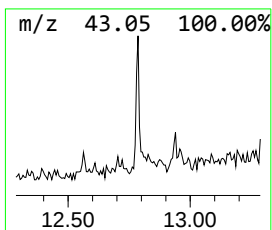
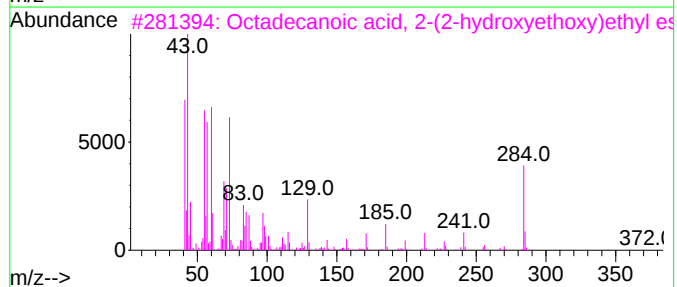
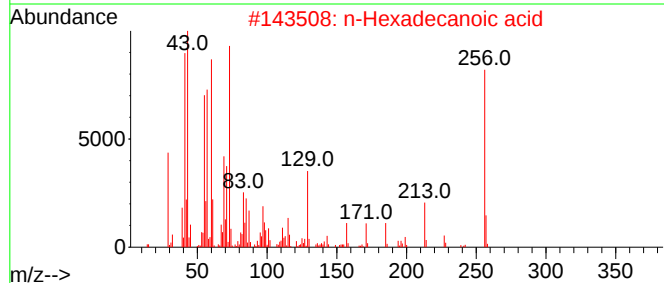
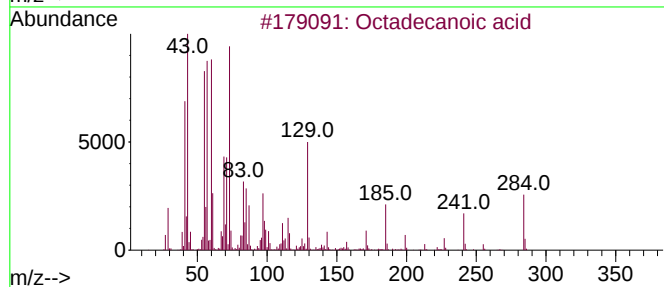
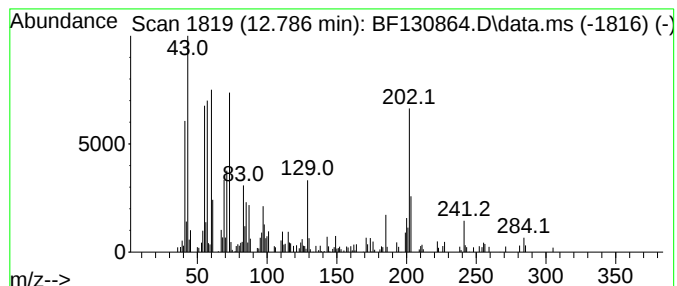
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.786	3.28 ng	72001	Phenanthrene-d10	11.480	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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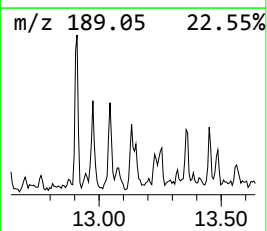
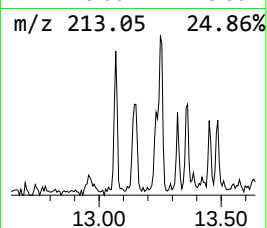
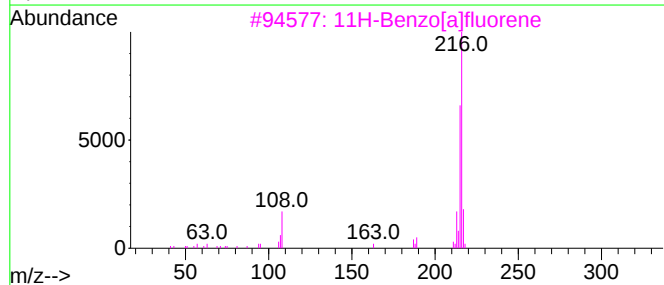
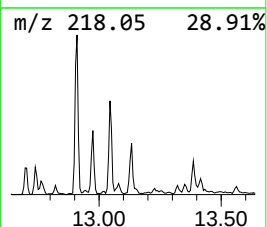
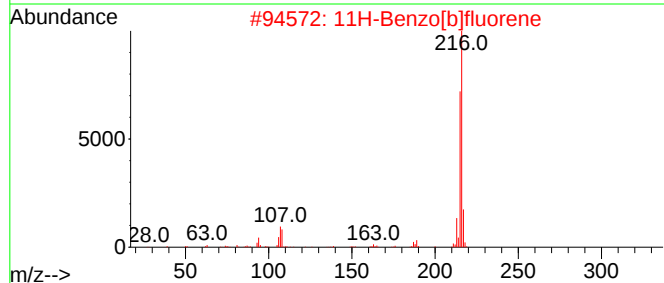
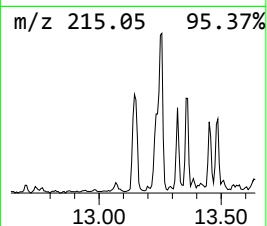
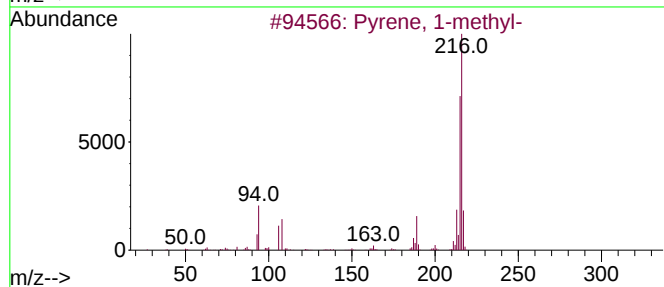
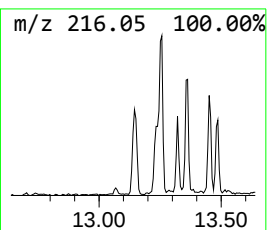
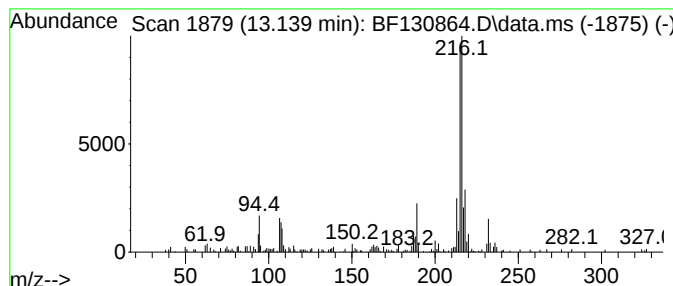
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	3.19 ng	154668	Chrysene-d12	14.127

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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ALS Vial : 15 Sample Multiplier: 1

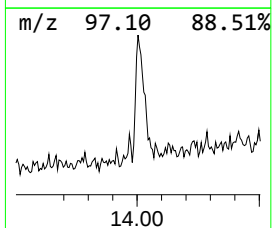
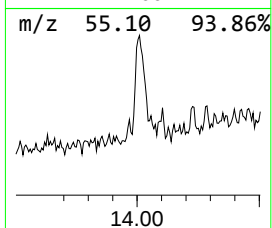
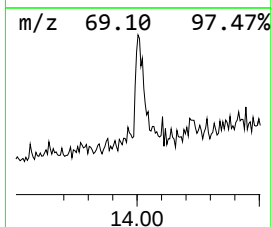
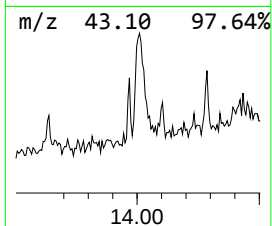
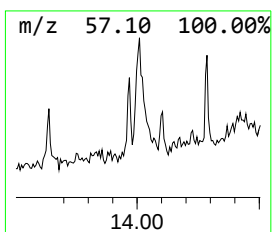
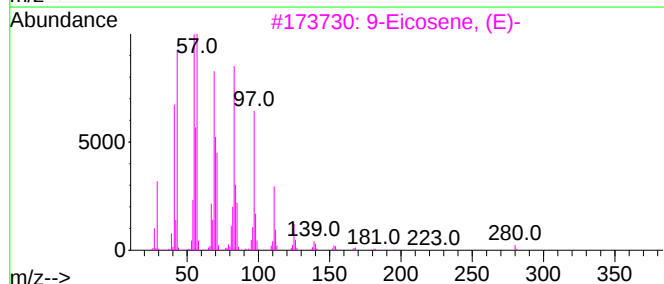
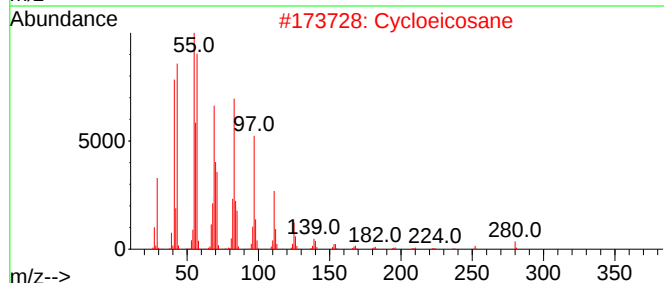
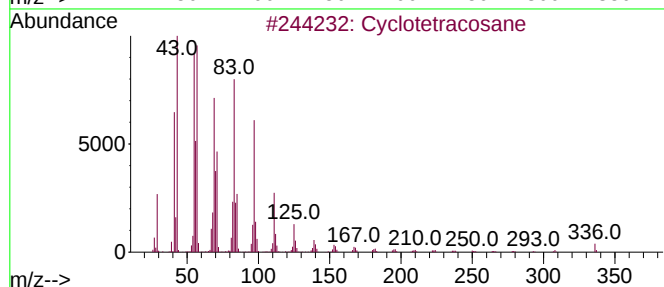
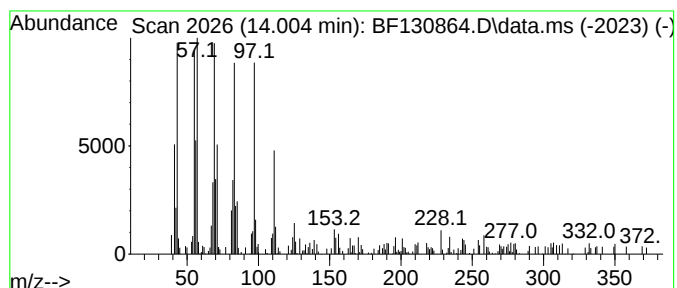
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclotetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.004	3.00 ng	145313	Chrysene-d12	14.127	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	Cycloeicosane	280	C20H40	000296-56-0	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	1-(Ethenesulfonyl)dodecane	260	C14H28O2S	030719-66-5	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LACY-05

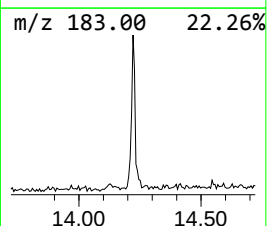
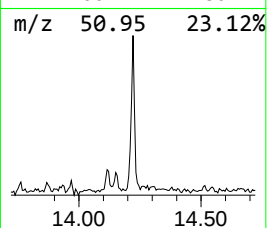
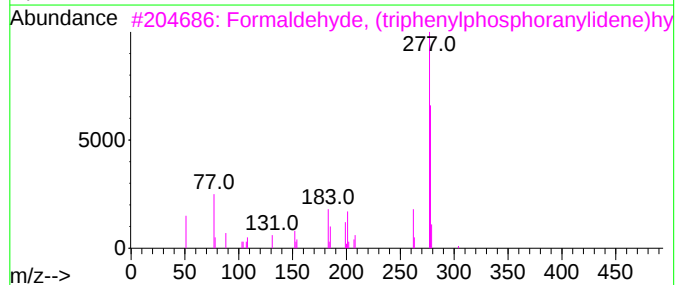
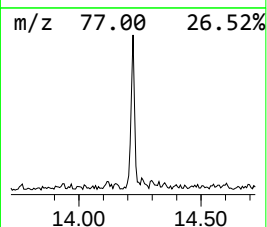
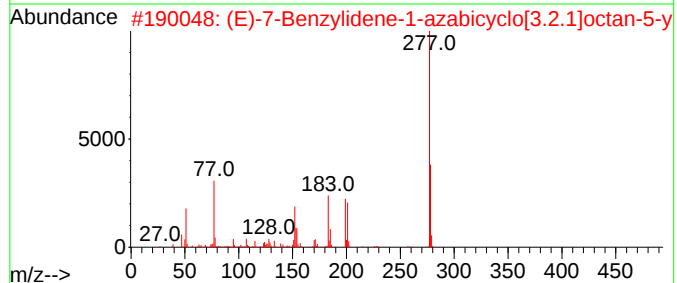
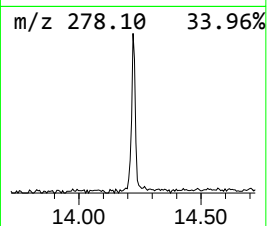
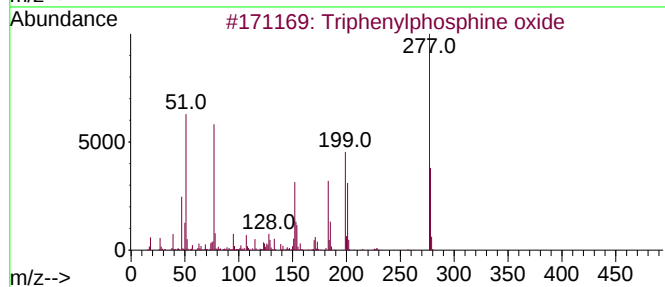
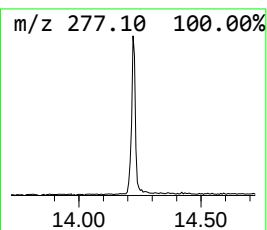
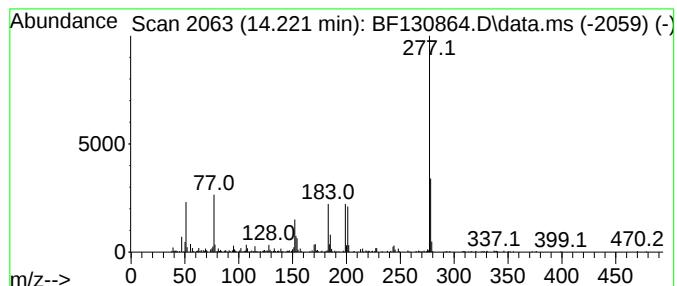
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Triphenylphosphine oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.221	5.22 ng	253145	Chrysene-d12	14.127

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	64
4			Vanadium, cycloheptatrienyl-(pen...]	277	C17H22V	1000155-20-5	43
5			4-Nitro-4'-methyldiphenylsulfone	277	C13H11N04S	004094-37-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LACY-05

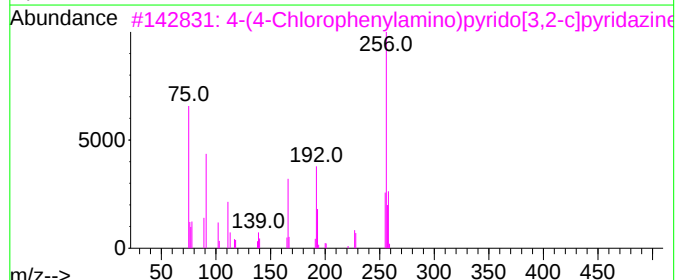
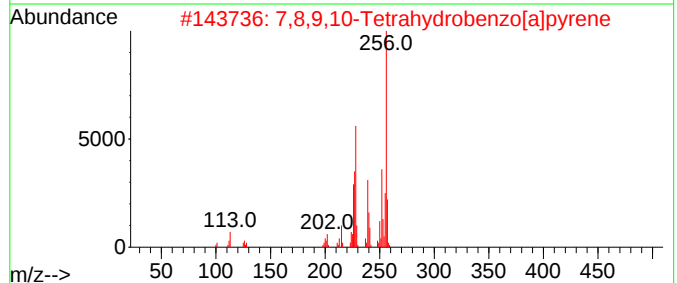
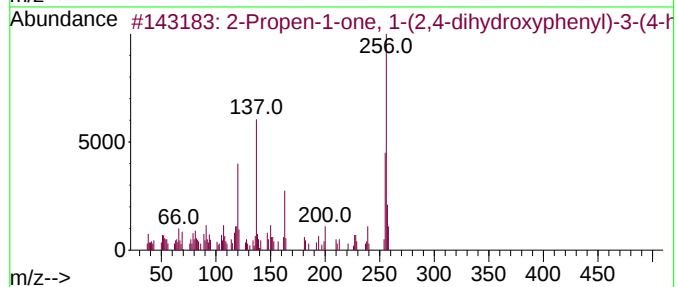
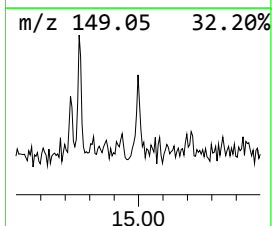
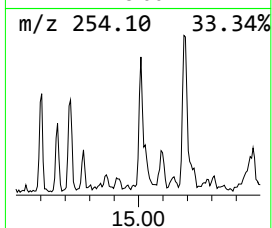
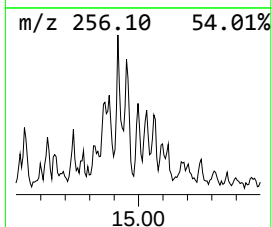
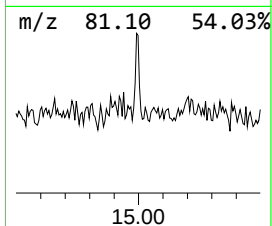
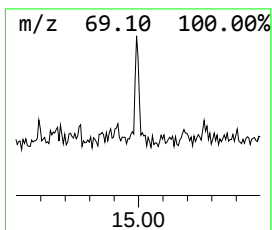
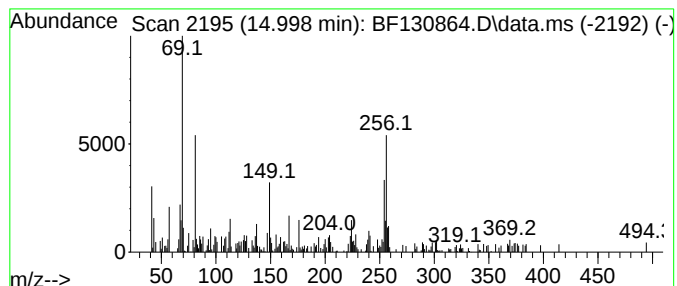
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown14.998 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	4.51 ng	63251	Perylene-d12	15.645

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propen-1-one, 1-(2,4-dihydroxy...	256	C15H12O4	013745-20-5	41
2		7,8,9,10-Tetrahydrobenzo[a]pyrene	256	C20H16	017750-93-5	38
3		4-(4-Chlorophenylamino)pyrido[3,...	256	C13H9ClN4	1000326-91-2	30
4		2-Bromo-6-methyl-6,7-dihydro-9H-...	255	C10H10BrNO2	1000210-06-4	27
5		2-propenoic acid, 2-methyl-, 2-[...	255	C11H13NO4S	1000401-47-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LACY-05

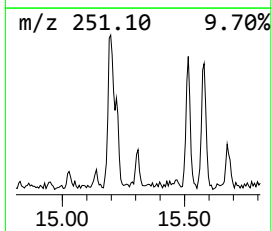
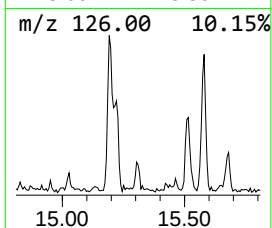
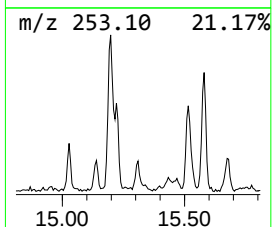
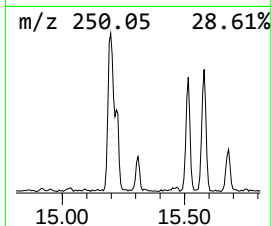
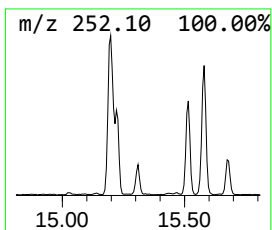
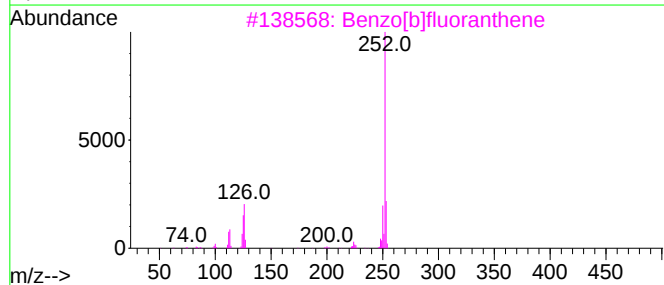
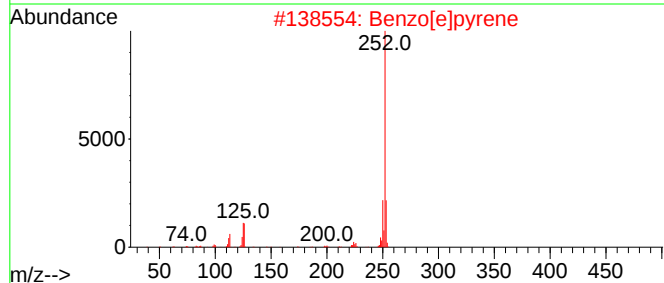
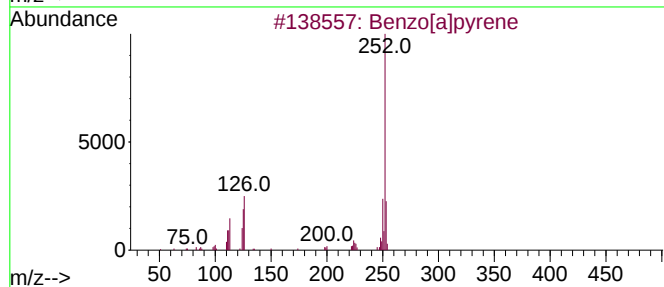
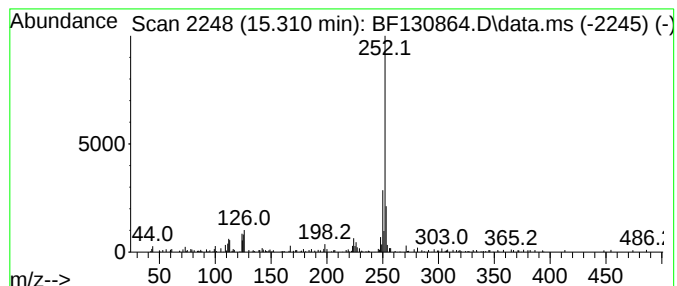
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	3.55 ng	49811	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	93
2			Benzo[e]pyrene	252	C20H12	000192-97-2	81
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4			Perylene	252	C20H12	000198-55-0	76
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LACY-05

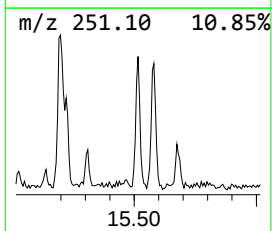
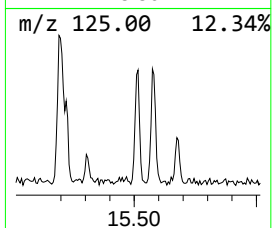
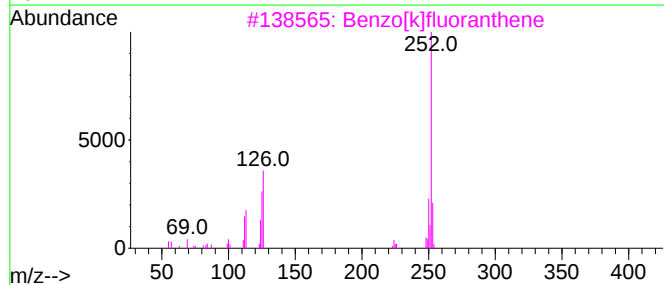
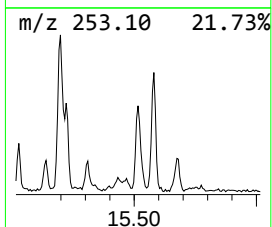
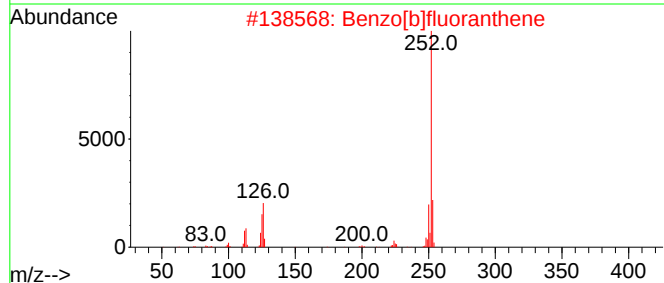
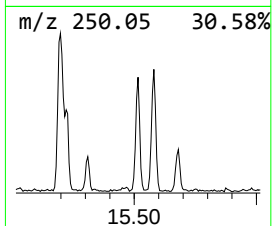
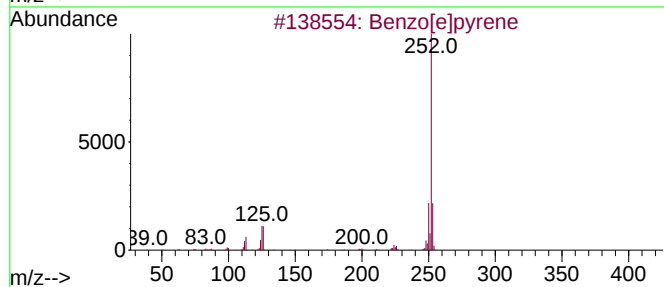
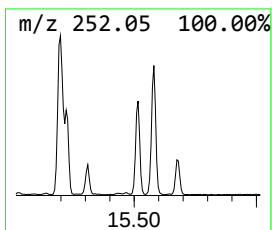
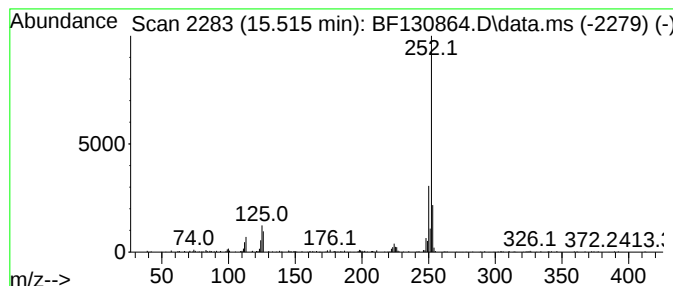
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.515	15.46 ng	217030	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130864.D
Acq On : 29 Oct 2022 18:48
Operator : CG\JU
Sample : N5327-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LACY-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.263	25.5	ng	600146	1	6.945	471085	20.0
2-Pentanone, 4-...	5.169	12.9	ng	303579	1	6.945	471085	20.0
Decane, 2,5,6-t...	6.375	2.9	ng	68843	1	6.945	471085	20.0
Octane, 2,3-dim...	6.434	3.0	ng	69907	1	6.945	471085	20.0
unknown7.210	7.210	2.9	ng	68601	1	6.945	471085	20.0
Decane, 3-methyl-	7.322	2.7	ng	64096	1	6.945	471085	20.0
Benzene, 1-meth...	7.875	3.1	ng	88679	2	8.228	569121	20.0
Tridecane	8.810	3.1	ng	87087	2	8.228	569121	20.0
n-Hexadecanoic ...	11.998	15.7	ng	344553	4	11.480	438986	20.0
4H-Cyclopenta[d...	12.092	6.6	ng	145743	4	11.480	438986	20.0
9,10-Anthracene...	12.298	3.0	ng	66534	4	11.480	438986	20.0
Phenanthrene, 3...	12.533	4.1	ng	90423	4	11.480	438986	20.0
unknown12.616	12.616	3.6	ng	78311	4	11.480	438986	20.0
Octadecanoic acid	12.786	3.3	ng	72001	4	11.480	438986	20.0
Pyrene, 1-methyl-	13.139	3.2	ng	154668	5	14.127	969210	20.0
Cyclotetracosane	14.004	3.0	ng	145313	5	14.127	969210	20.0
Triphenylphosph...	14.221	5.2	ng	253145	5	14.127	969210	20.0
unknown14.998	14.998	4.5	ng	63251	6	15.645	280788	20.0
Benzo[e]pyrene	15.310	3.5	ng	49811	6	15.645	280788	20.0
Perylene	15.515	15.5	ng	217030	6	15.645	280788	20.0