

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136816.D
 Acq On : 29 Dec 2023 02:57
 Operator : CG\JU
 Sample : 06033-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-05-122723

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	563	566	574	rBV	250906	264391	9.80%	0.897%
2	6.428	735	738	741	rBV	229145	222675	8.25%	0.756%
3	6.616	766	770	773	rBV	200761	174598	6.47%	0.593%
4	6.781	793	798	804	rVB2	349952	384619	14.25%	1.306%
5	6.922	820	822	826	rVV2	87683	95645	3.54%	0.325%
6	7.051	842	844	847	rVV2	105839	102799	3.81%	0.349%
7	7.116	853	855	859	rVV	98669	90062	3.34%	0.306%
8	7.169	860	864	867	rVV2	113618	130875	4.85%	0.444%
9	7.310	883	888	891	rBV	129936	147245	5.46%	0.500%
10	7.339	891	893	897	rVV2	178736	191997	7.12%	0.652%
11	7.375	897	899	902	rVB	478012	333604	12.36%	1.132%
12	7.422	902	907	910	rVB5	93290	131641	4.88%	0.447%
13	7.557	927	930	932	rVV2	88843	105117	3.90%	0.357%
14	7.581	932	934	937	rVB2	88906	80263	2.97%	0.272%
15	7.698	952	954	958	rVV4	77648	100425	3.72%	0.341%
16	7.745	958	962	964	rVV3	92759	98312	3.64%	0.334%
17	7.775	964	967	969	rVV3	95325	79454	2.94%	0.270%
18	7.810	969	973	978	rVV3	119865	183638	6.81%	0.623%
19	8.010	1002	1007	1010	rVV6	54172	104500	3.87%	0.355%
20	8.039	1010	1012	1014	rVV	497279	477676	17.70%	1.621%
21	8.057	1014	1015	1017	rVV	374920	299444	11.10%	1.016%
22	8.081	1017	1019	1022	rVV	421847	345049	12.79%	1.171%
23	8.122	1022	1026	1028	rVV2	213244	218906	8.11%	0.743%
24	8.145	1028	1030	1033	rVV3	78212	78030	2.89%	0.265%
25	8.263	1047	1050	1052	rVB	95310	94077	3.49%	0.319%
26	8.351	1060	1065	1072	rVB6	123916	193676	7.18%	0.657%
27	8.439	1077	1080	1083	rVB3	120782	128650	4.77%	0.437%
28	8.481	1083	1087	1089	rBV	287151	242381	8.98%	0.823%
29	8.563	1098	1101	1104	rBV2	117013	83009	3.08%	0.282%
30	8.651	1113	1116	1119	rBV	483397	385864	14.30%	1.310%
31	8.745	1129	1132	1135	rVV2	75666	84371	3.13%	0.286%
32	8.775	1135	1137	1139	rVB	215957	151861	5.63%	0.515%
33	8.875	1150	1154	1158	rVB2	151177	175063	6.49%	0.594%
34	9.016	1174	1178	1181	rVB2	91446	104211	3.86%	0.354%
35	9.081	1187	1189	1195	rVB3	266304	215461	7.99%	0.731%
36	9.133	1195	1198	1201	rBV	288957	206162	7.64%	0.700%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.216	1209	1212	1215	rBV	418153	381846	14.15%	1.296%
38	9.333	1229	1232	1237	rVB2	81180	77816	2.88%	0.264%
39	9.404	1240	1244	1247	rVB	138092	184435	6.84%	0.626%
40	9.475	1253	1256	1258	rBV	231193	209116	7.75%	0.710%
41	9.498	1258	1260	1262	rVV2	158328	135191	5.01%	0.459%
42	9.539	1262	1267	1269	rVV3	227841	237443	8.80%	0.806%
43	9.592	1273	1276	1280	rVB2	117729	121198	4.49%	0.411%
44	9.751	1300	1303	1307	rVB	292163	235720	8.74%	0.800%
45	9.798	1307	1311	1312	rBV4	68172	89290	3.31%	0.303%
46	9.816	1312	1314	1317	rVV	400078	296801	11.00%	1.007%
47	9.851	1317	1320	1323	rVB	404998	329900	12.23%	1.120%
48	9.922	1329	1332	1336	rVB	88288	102020	3.78%	0.346%
49	9.975	1336	1341	1345	rBV5	58586	103569	3.84%	0.352%
50	10.022	1345	1349	1353	rVV	323519	335637	12.44%	1.139%
51	10.063	1353	1356	1362	rVV3	93742	142422	5.28%	0.483%
52	10.133	1365	1368	1371	rBV	80044	80068	2.97%	0.272%
53	10.251	1385	1388	1390	rVB	220673	186545	6.91%	0.633%
54	10.369	1404	1408	1414	rBV	480565	481284	17.84%	1.634%
55	10.522	1432	1434	1438	rVB	114286	107134	3.97%	0.364%
56	10.610	1443	1449	1452	rBV3	238601	272709	10.11%	0.926%
57	10.728	1465	1469	1477	rVB3	193382	249983	9.26%	0.849%
58	10.916	1496	1501	1504	rBV2	100439	111524	4.13%	0.379%
59	11.175	1539	1545	1547	rVV2	139639	154969	5.74%	0.526%
60	11.204	1547	1550	1556	rVB	188801	177587	6.58%	0.603%
61	11.310	1565	1568	1570	rBV	406382	402335	14.91%	1.366%
62	11.339	1570	1573	1576	rVV	2367047	1926997	71.42%	6.541%
63	11.386	1578	1581	1584	rVV	909457	728947	27.02%	2.474%
64	11.545	1605	1608	1614	rVB	208068	200707	7.44%	0.681%
65	11.604	1615	1618	1622	rVV	150978	125210	4.64%	0.425%
66	11.816	1650	1654	1656	rBV	237003	215496	7.99%	0.731%
67	11.845	1656	1659	1662	rVV	358020	316248	11.72%	1.073%
68	11.892	1663	1667	1669	rVV	157911	140083	5.19%	0.475%
69	11.927	1669	1673	1675	rVV	603541	572948	21.23%	1.945%
70	11.951	1675	1677	1681	rVB	165917	137362	5.09%	0.466%
71	12.016	1686	1688	1691	rVB2	96234	81084	3.01%	0.275%
72	12.110	1702	1704	1707	rVV	183450	160382	5.94%	0.544%
73	12.369	1744	1748	1750	rBV	121165	137811	5.11%	0.468%
74	12.404	1750	1754	1757	rVV	137132	151266	5.61%	0.513%
75	12.457	1760	1763	1768	rBV4	55798	80373	2.98%	0.273%
76	12.539	1772	1777	1780	rBV	2688748	2553580	94.64%	8.668%

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77	12.769	1809	1816	1821	rBV2	2130115	2698153	100.00%	9.159%
78	12.810	1821	1823	1828	rVB2	116765	123237	4.57%	0.418%
79	12.880	1832	1835	1837	rBV	158858	161922	6.00%	0.550%
80	12.904	1837	1839	1841	rVV	292650	201550	7.47%	0.684%
81	12.980	1847	1852	1856	rBV2	147098	256372	9.50%	0.870%
82	13.069	1863	1867	1868	rVV3	117461	129058	4.78%	0.438%
83	13.092	1868	1871	1874	rVB	518107	446595	16.55%	1.516%
84	13.157	1877	1882	1885	rVV	455432	452954	16.79%	1.538%
85	13.198	1885	1889	1892	rVV2	202487	238556	8.84%	0.810%
86	13.321	1907	1910	1913	rBV2	97636	116040	4.30%	0.394%
87	13.716	1974	1977	1979	rBV	111992	93561	3.47%	0.318%
88	13.739	1979	1981	1984	rBV	147675	131508	4.87%	0.446%
89	13.963	2013	2019	2023	rBV2	1076693	1530428	56.72%	5.195%
90	13.998	2023	2025	2028	rVB	846351	630611	23.37%	2.141%
91	14.074	2035	2038	2041	rVB	235211	174620	6.47%	0.593%
92	14.357	2084	2086	2089	rVB	149070	114889	4.26%	0.390%
93	14.504	2109	2111	2114	rVB2	126737	88184	3.27%	0.299%
94	15.021	2194	2199	2202	rBV	483293	788747	29.23%	2.677%
95	15.127	2214	2217	2220	rVB	116290	116905	4.33%	0.397%
96	15.327	2248	2251	2257	rVB	263740	331487	12.29%	1.125%
97	15.392	2258	2262	2267	rVV	494079	594825	22.05%	2.019%
98	15.451	2269	2272	2275	rVV	185897	235908	8.74%	0.801%
99	15.486	2275	2278	2286	rVB	144937	206360	7.65%	0.700%
100	16.962	2524	2529	2539	rVB2	173572	357150	13.24%	1.212%

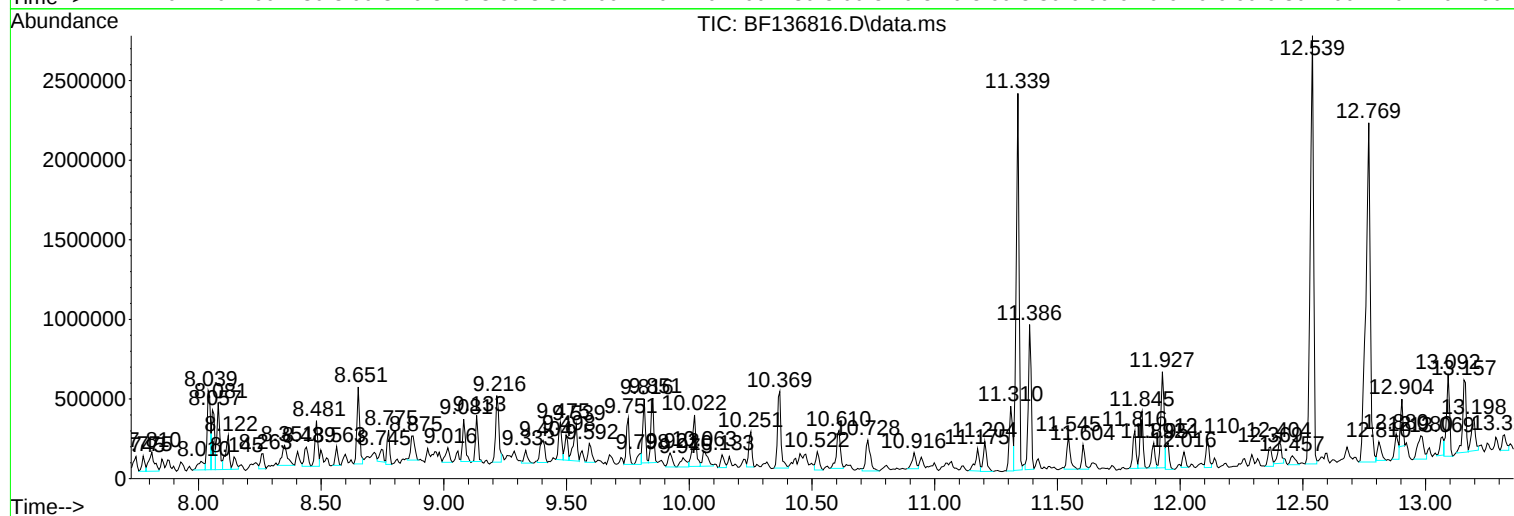
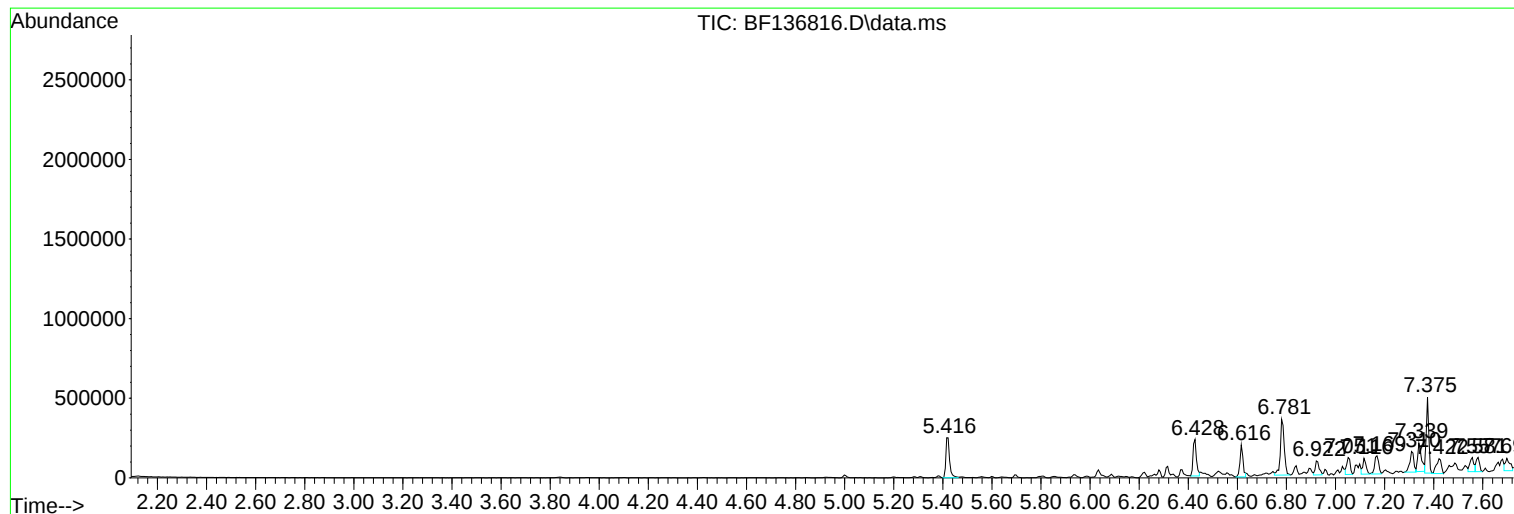
Sum of corrected areas: 29460407

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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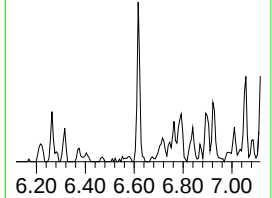
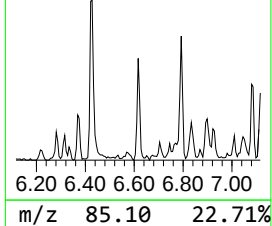
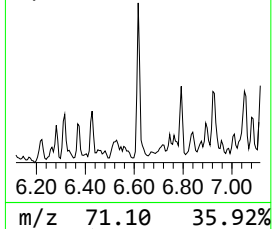
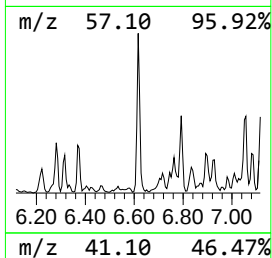
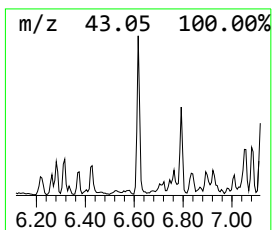
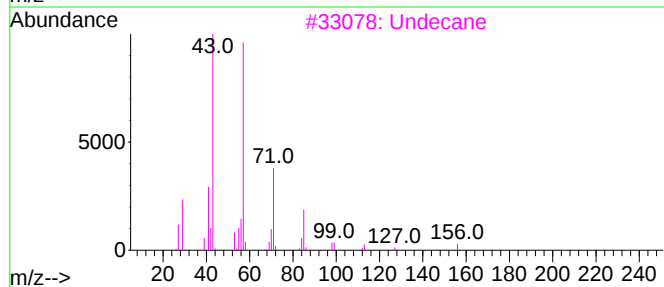
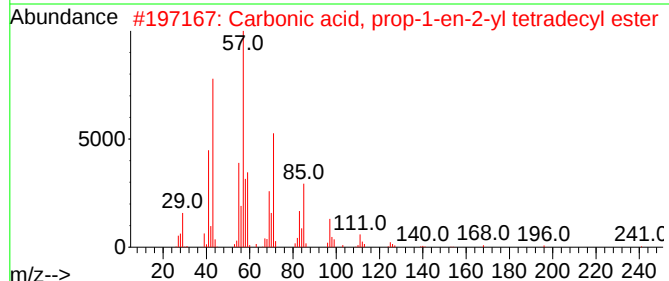
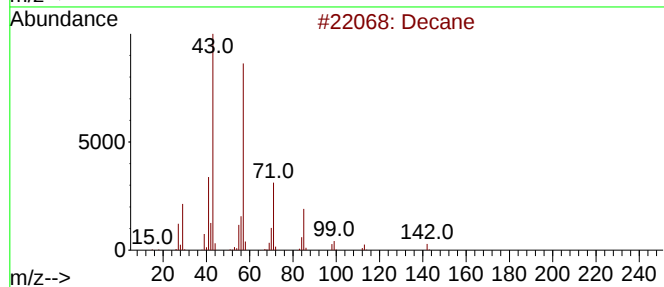
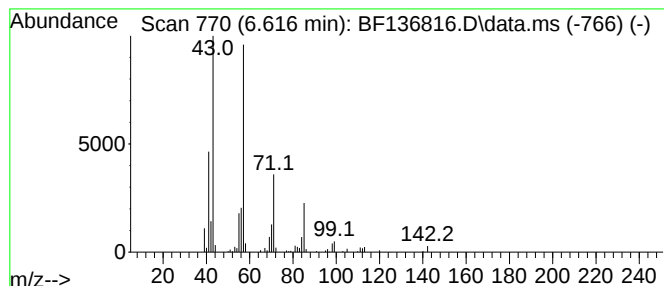
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	9.08 ng	174598	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	95
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83
3			Undecane	156	C11H24	001120-21-4	78
4			Nonane	128	C9H20	000111-84-2	72
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	72



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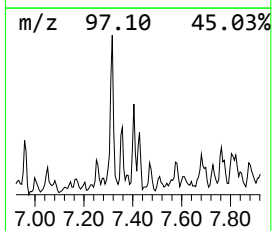
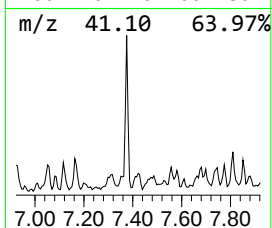
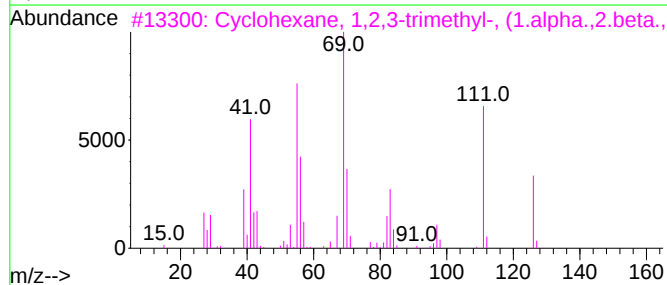
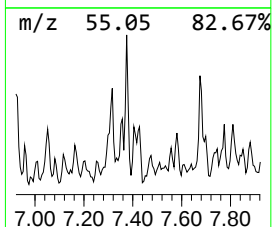
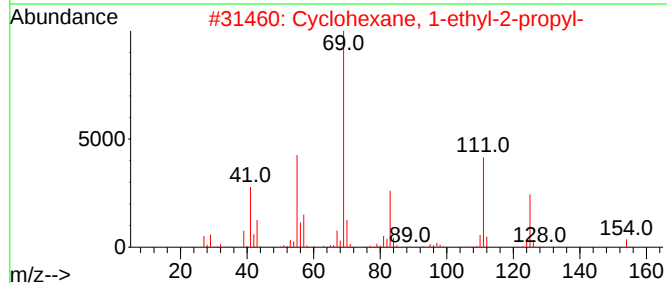
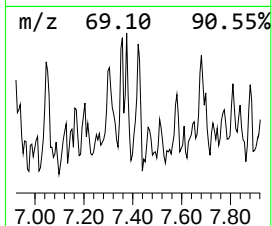
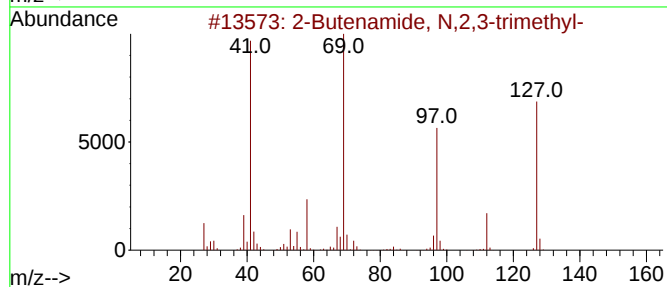
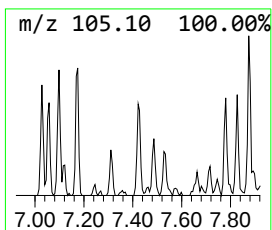
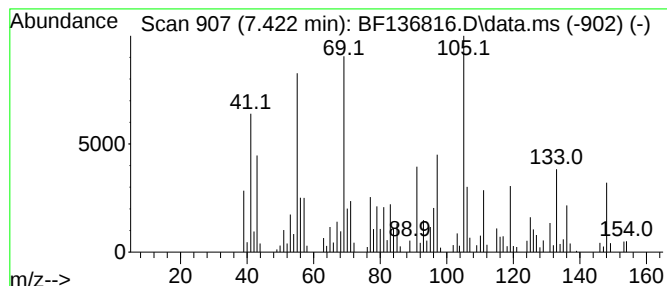
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.422 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.422	8.79 ng	131641	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenamide, N,2,3-trimethyl-	127	C7H13NO	001186-87-4	27		
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	25		
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	22		
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	22		
5	2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	000141-12-8	22		



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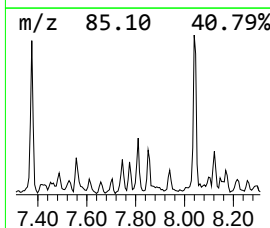
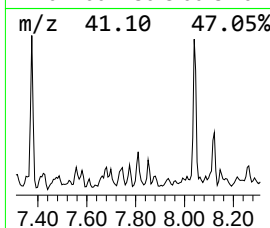
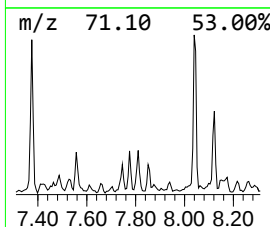
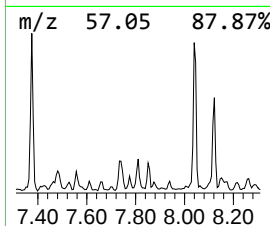
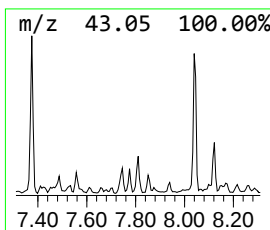
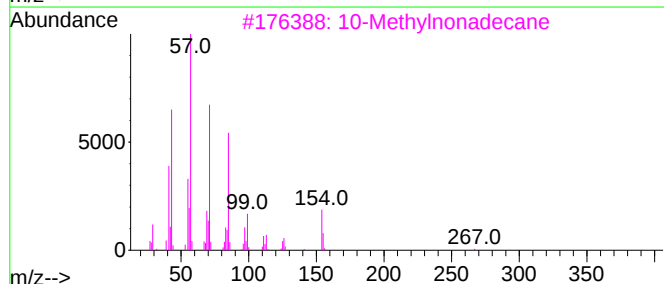
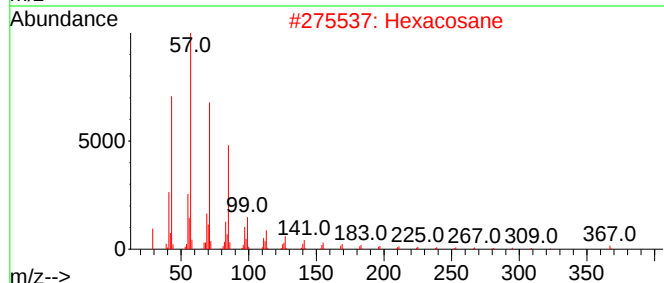
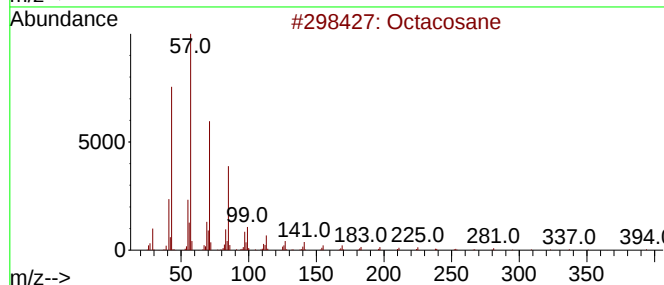
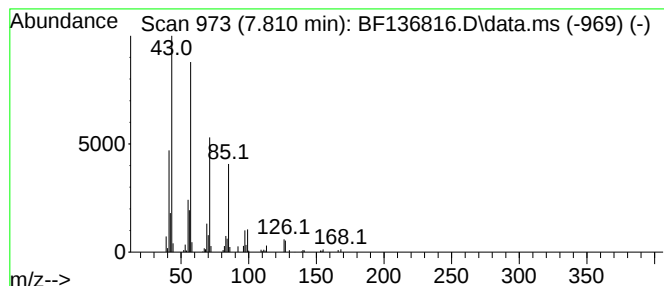
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.810	12.27 ng	183638	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	86
2			Hexacosane	366	C26H54	000630-01-3	80
3			10-Methylnonadecane	282	C20H42	056862-62-5	78
4			Tetracosane	338	C24H50	000646-31-1	78
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-05-122723

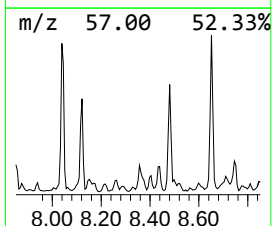
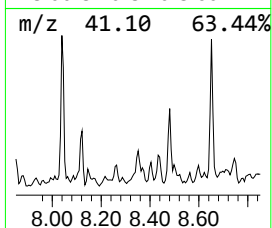
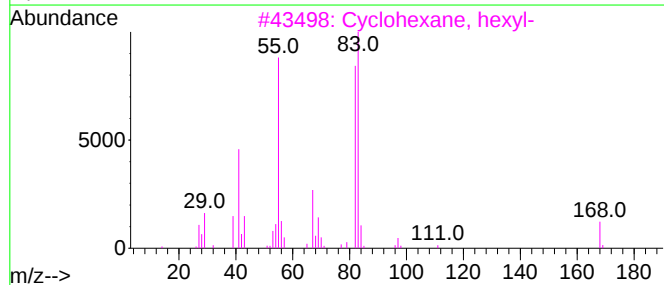
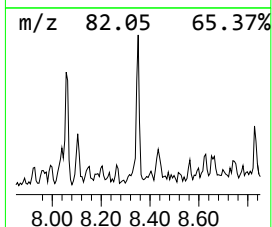
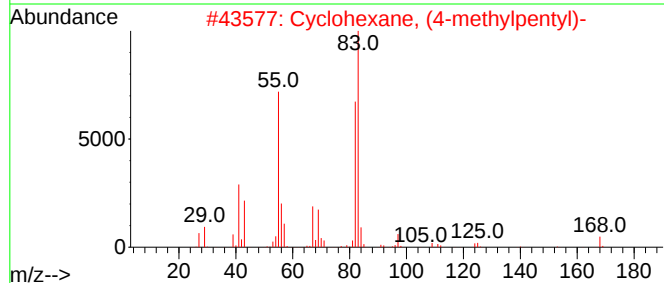
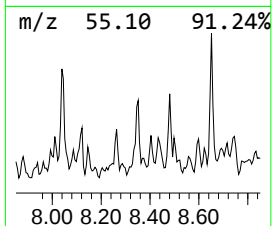
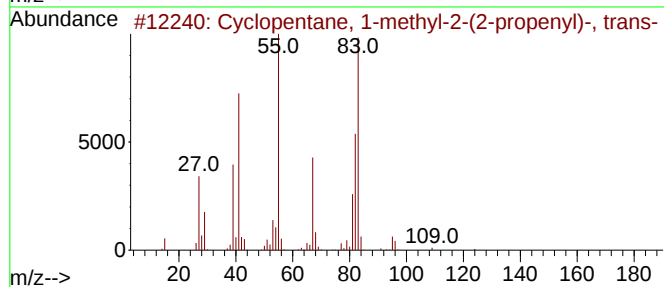
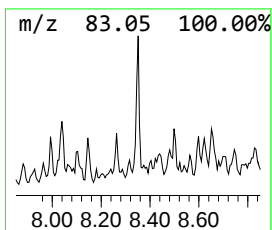
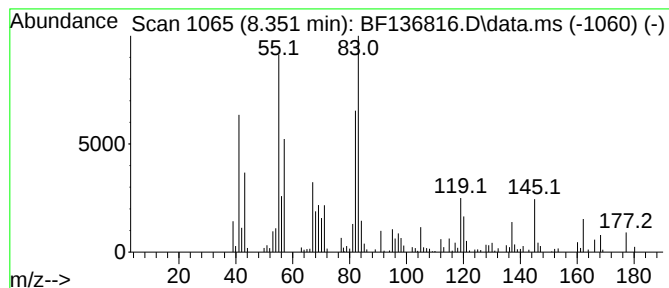
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.351 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	12.94 ng	193676	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	49
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	47
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
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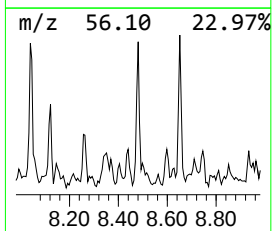
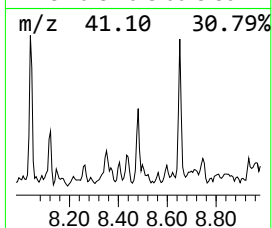
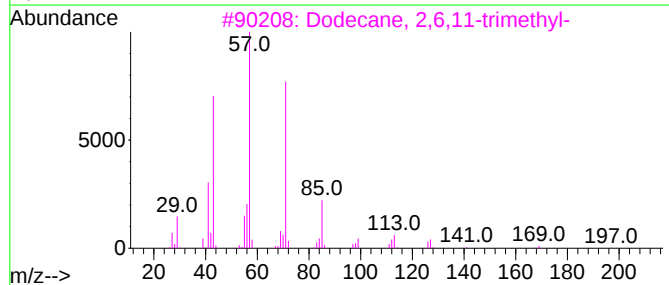
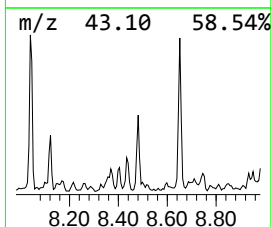
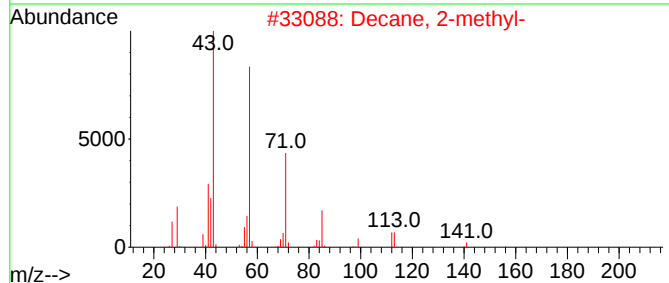
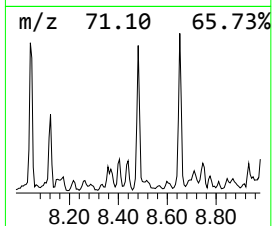
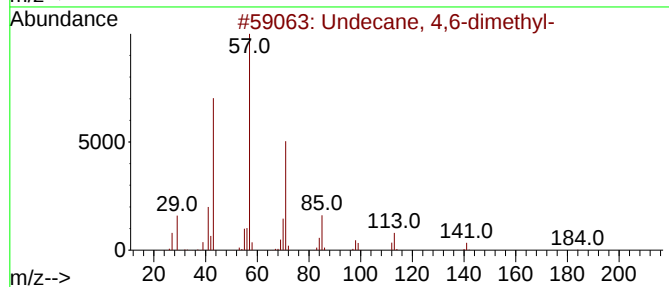
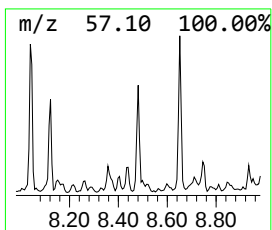
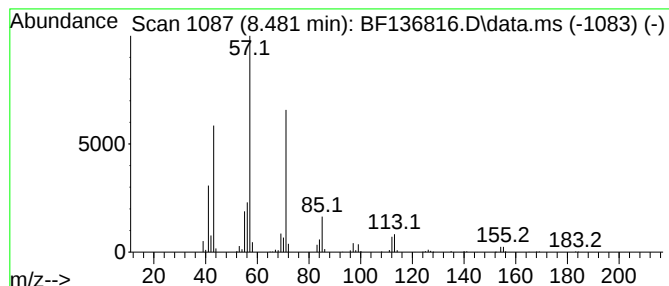
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	16.19 ng	242381	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
2			Decane, 2-methyl-	156	C11H24	006975-98-0	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
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ClientSampleId :
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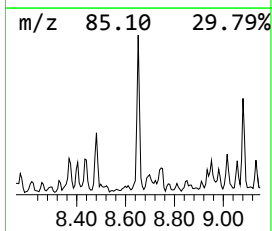
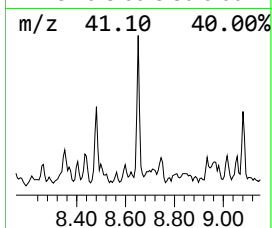
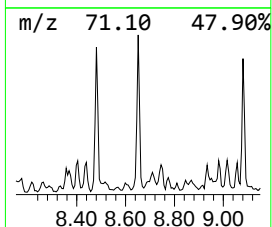
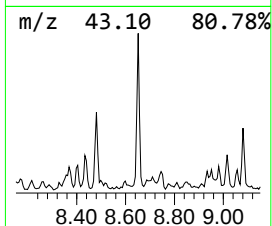
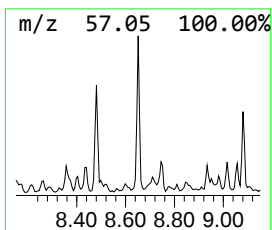
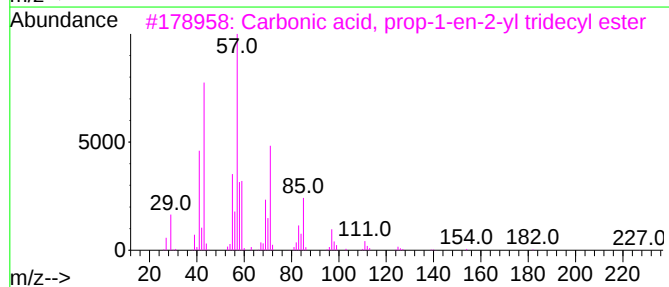
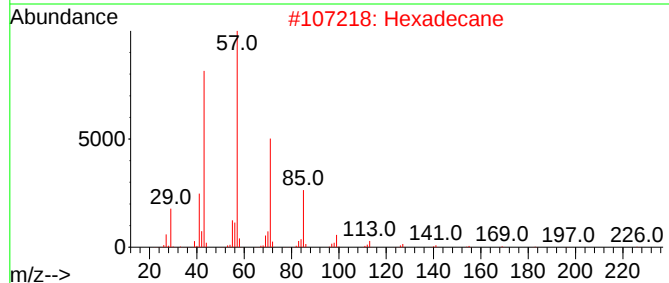
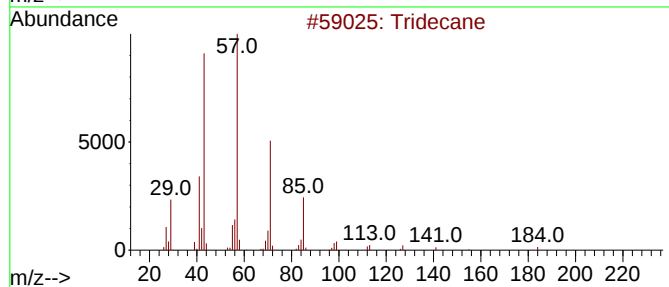
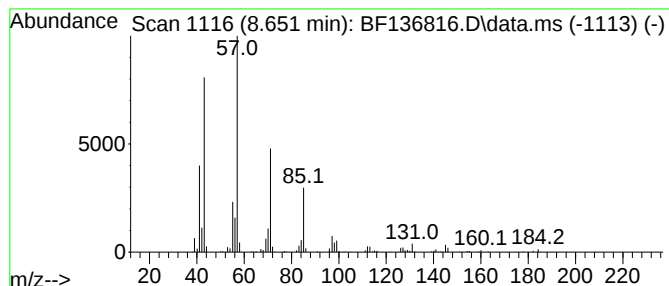
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	25.77 ng	385864	Naphthalene-d8	8.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	86
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
4			Tetradecane	198	C14H30	000629-59-4	72
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
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Misc :
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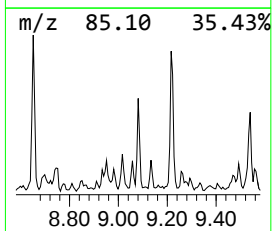
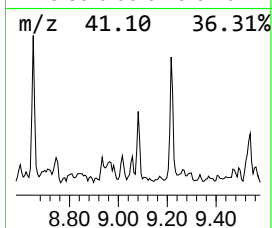
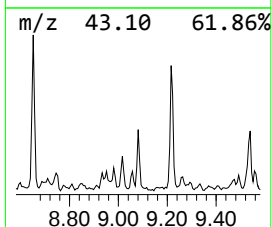
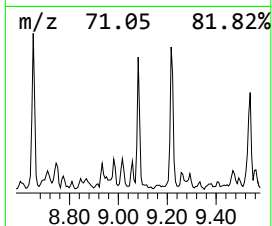
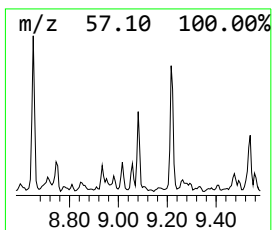
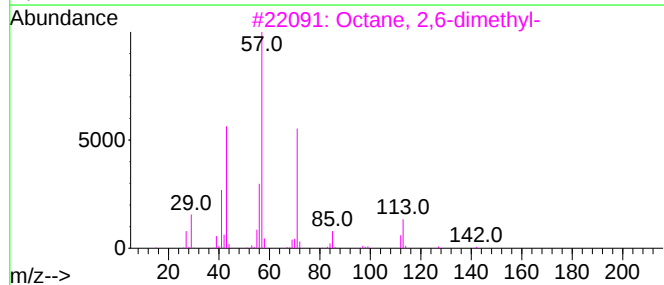
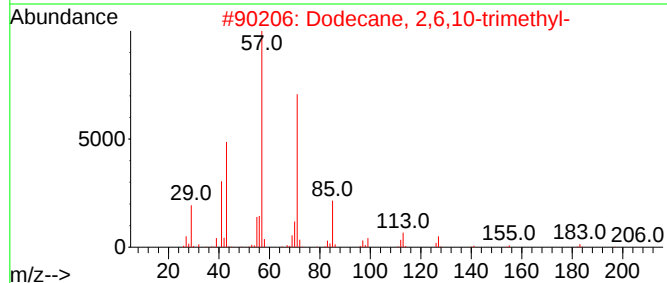
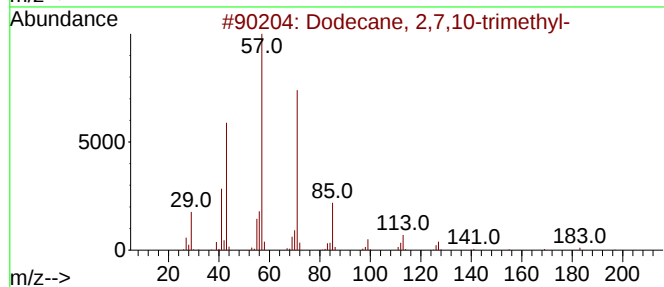
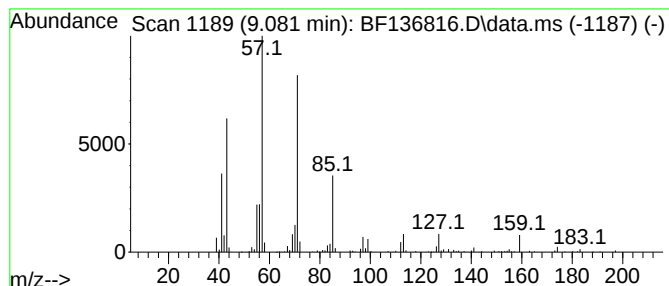
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	14.52 ng	215461	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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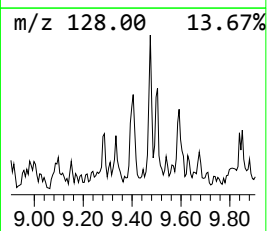
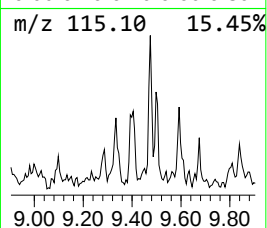
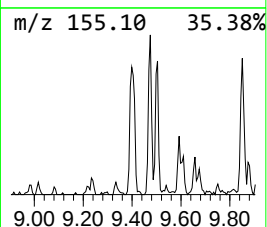
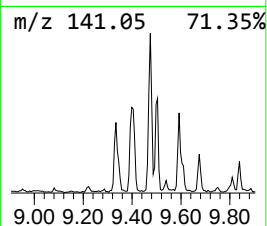
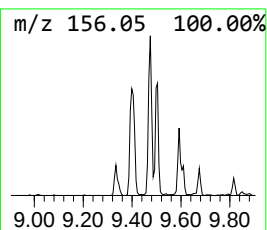
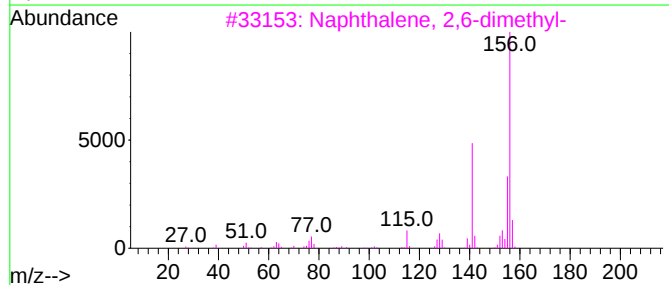
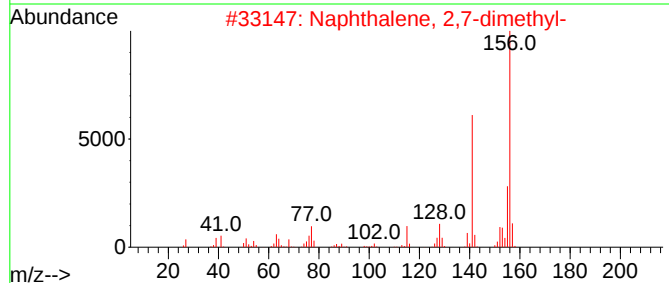
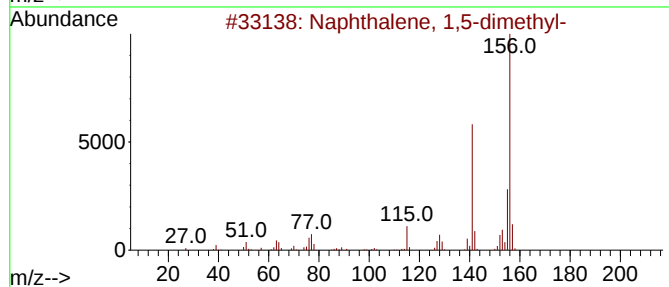
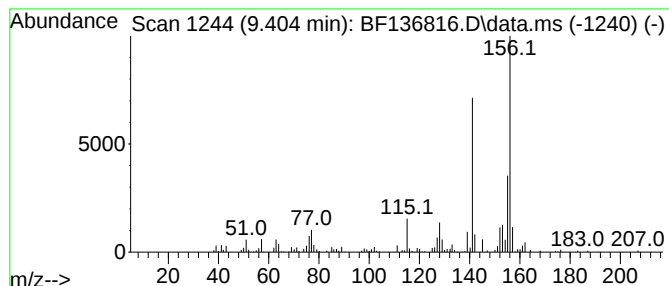
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	12.43 ng	184435	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
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ClientSampleId :
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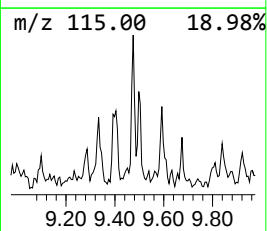
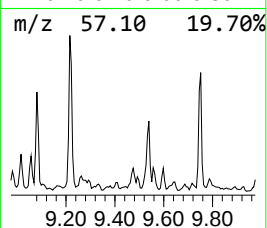
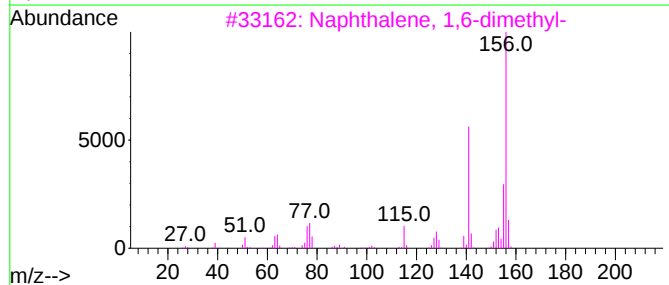
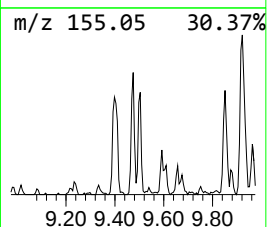
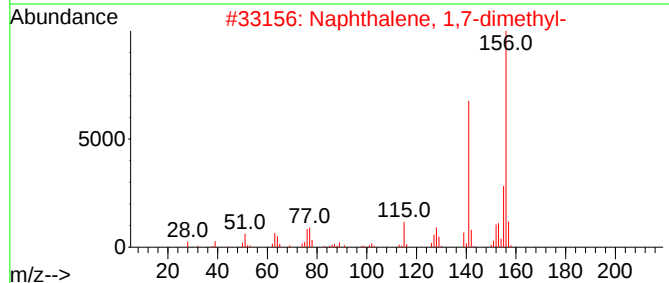
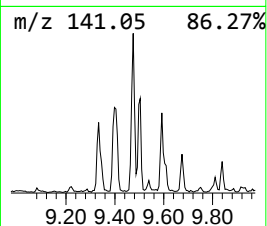
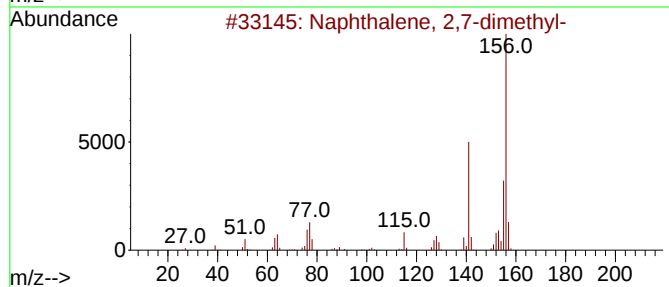
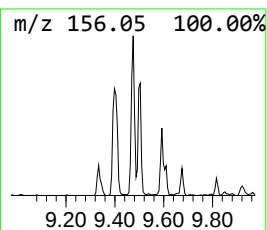
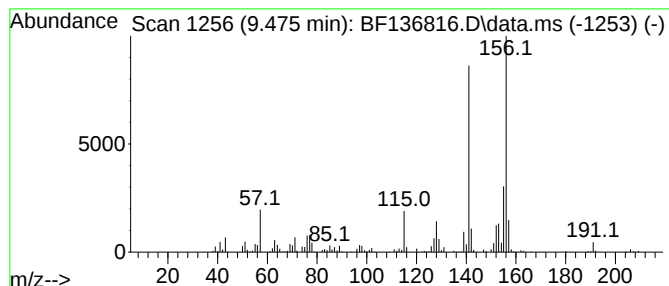
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	14.09 ng	209116	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-05-122723

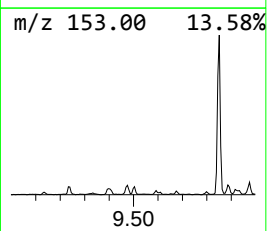
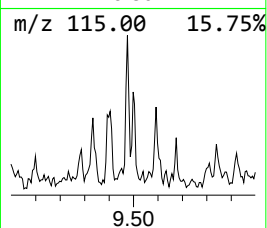
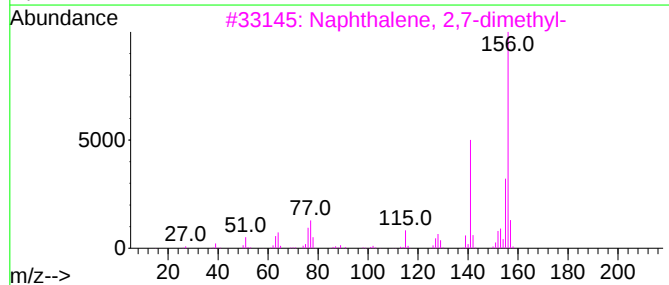
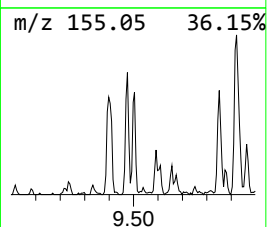
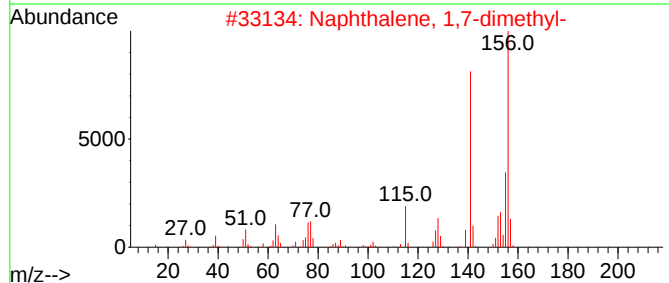
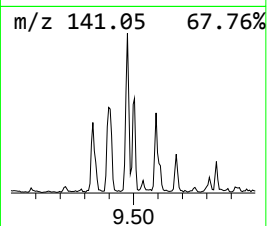
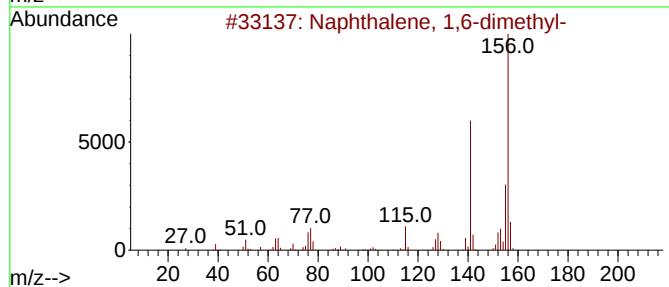
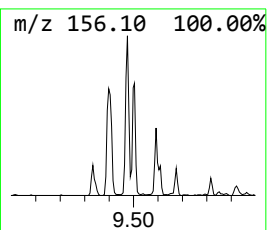
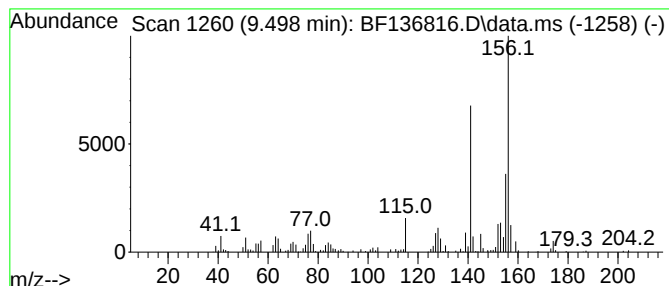
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	9.11 ng	135191	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

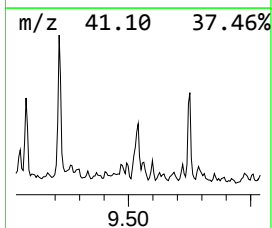
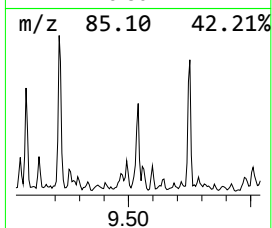
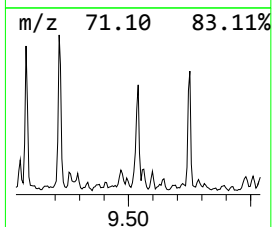
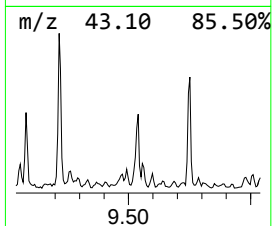
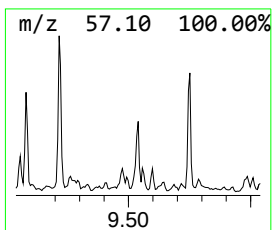
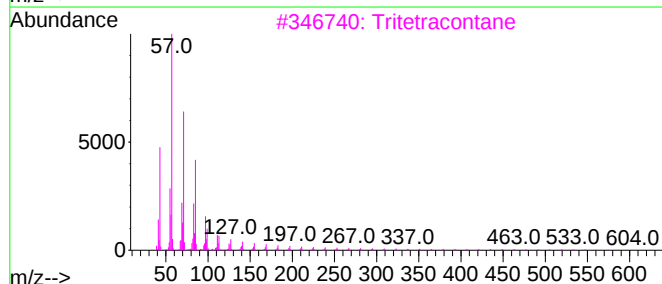
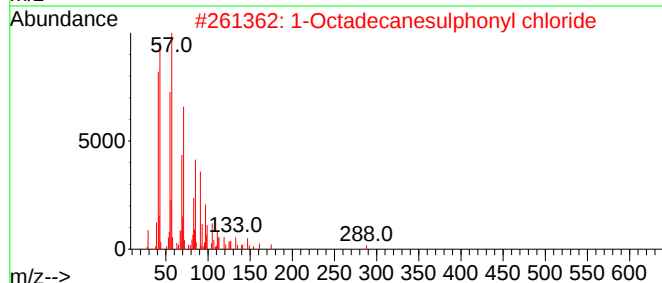
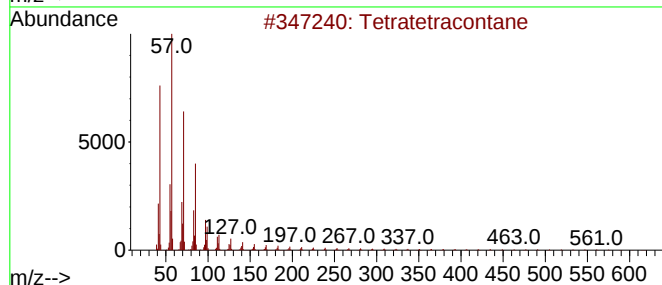
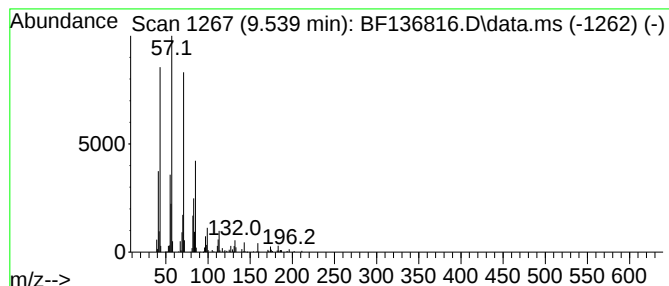
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.539	16.00 ng	237443	Acenaphthene-d10		9.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetratetracontane		619	C44H90	007098-22-8	90
2	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	90
3	Tritetracontane		605	C43H88	007098-21-7	90
4	Tridecane		184	C13H28	000629-50-5	87
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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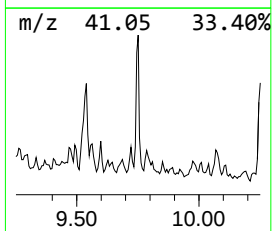
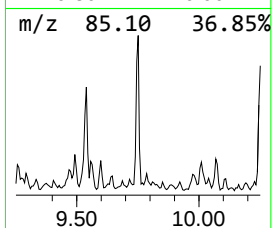
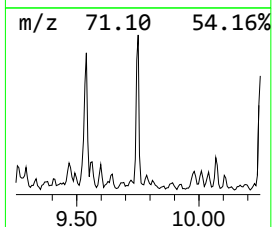
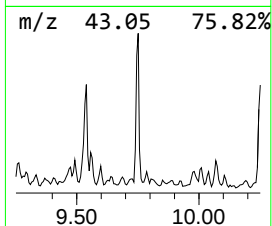
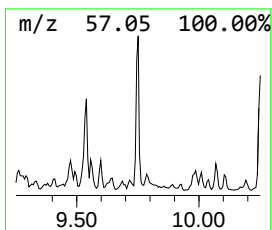
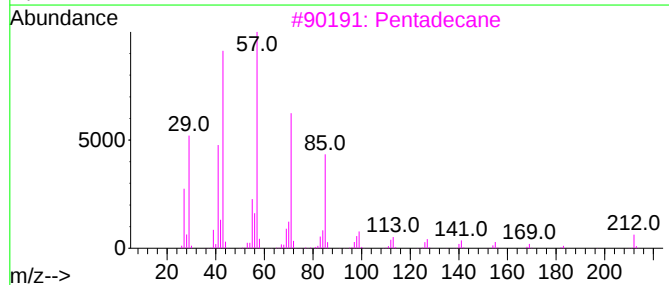
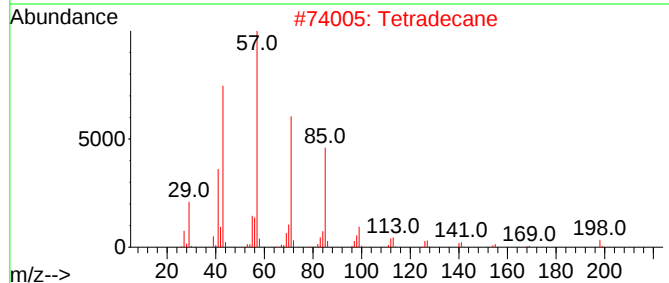
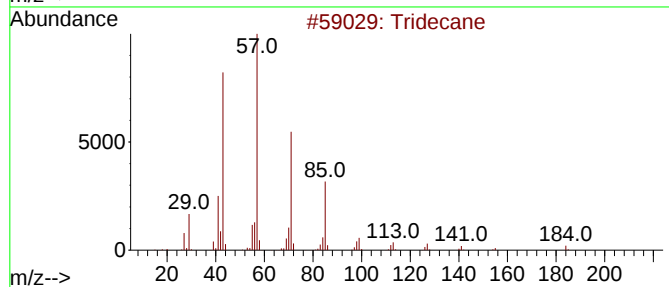
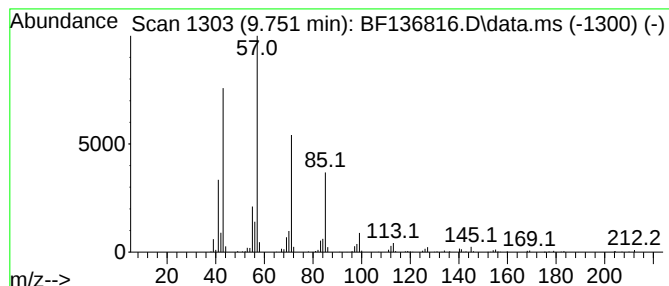
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	15.88 ng	235720	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
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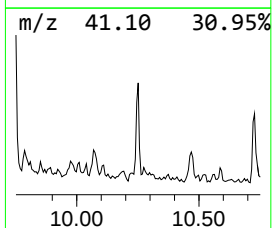
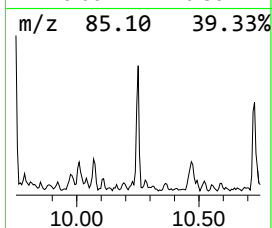
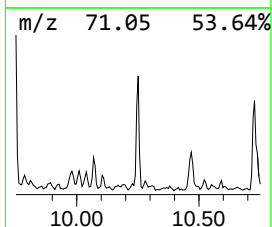
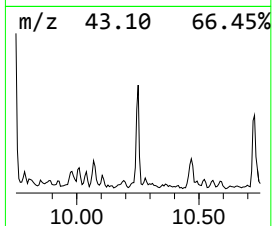
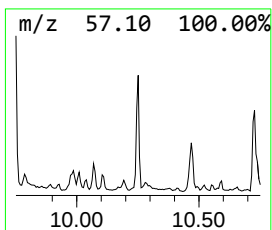
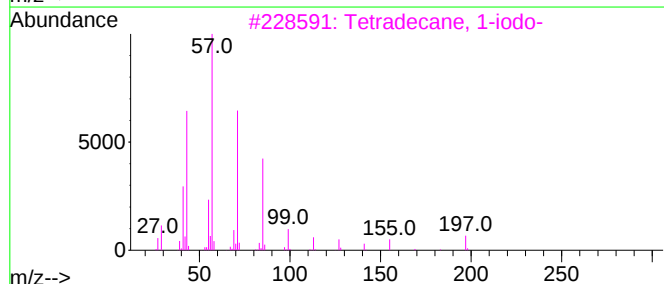
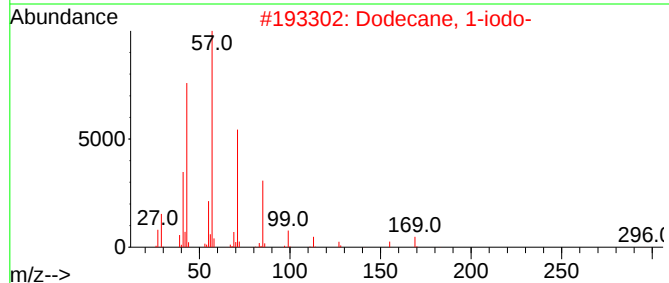
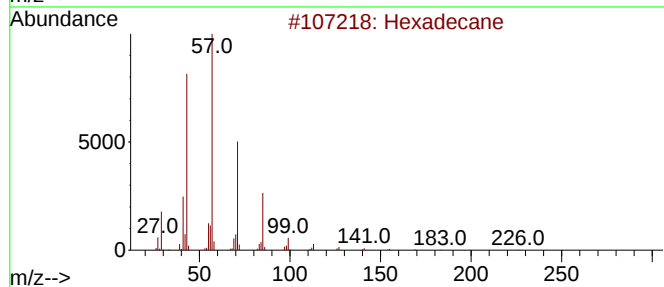
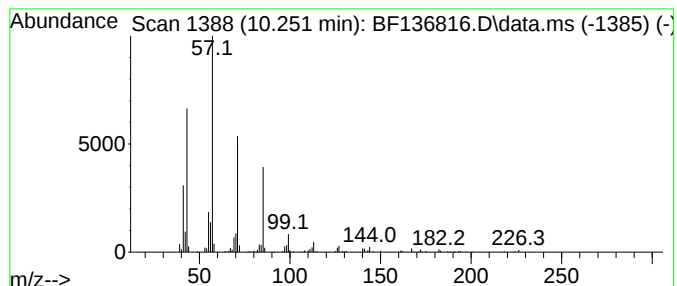
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.251	12.57 ng	186545	Acenaphthene-d10		9.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	94
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
5	Bacchotricuneatin c		342	C20H22O5	066563-30-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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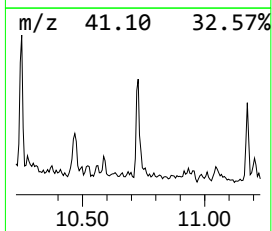
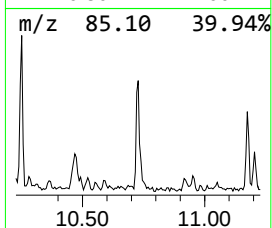
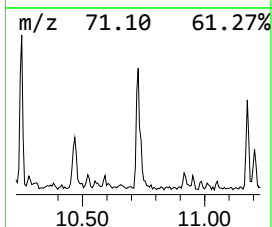
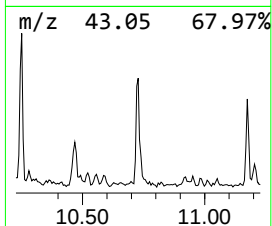
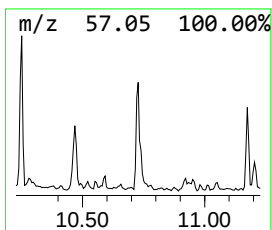
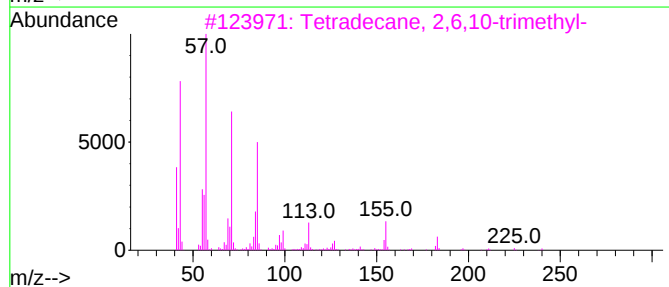
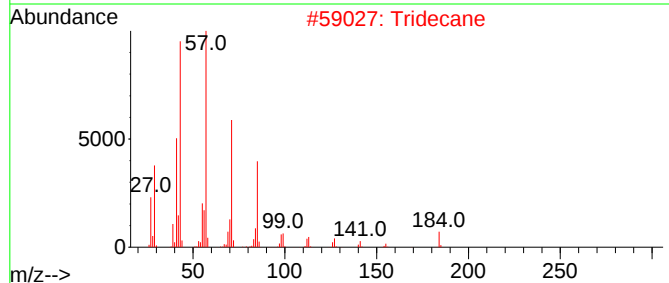
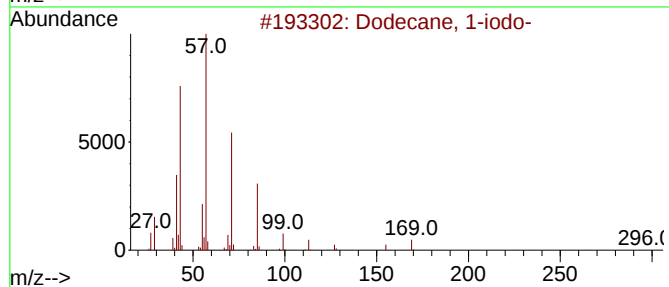
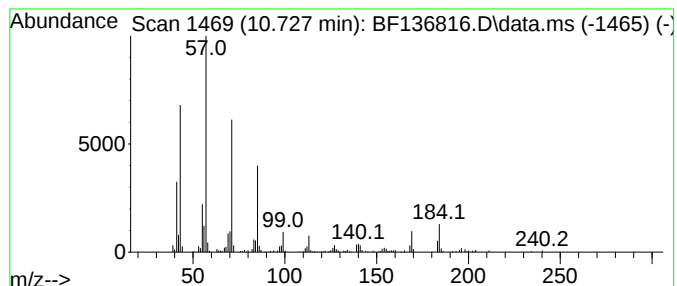
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	12.43 ng	249983	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2			Tridecane	184	C13H28	000629-50-5	80
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
4			Heptadecane	240	C17H36	000629-78-7	70
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-05-122723

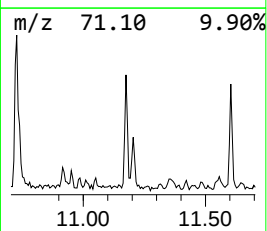
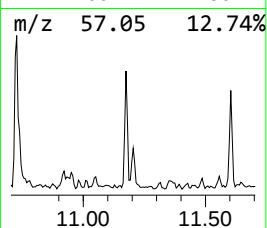
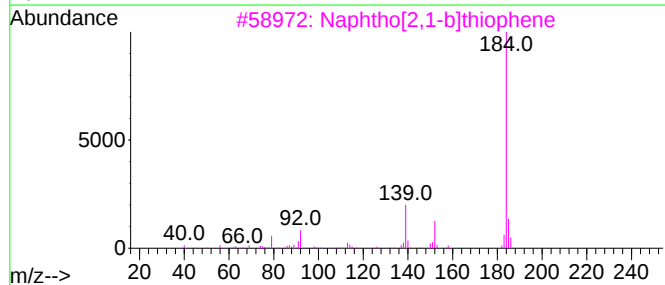
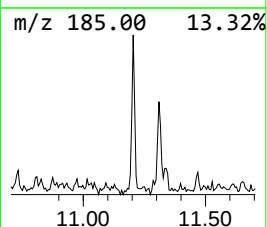
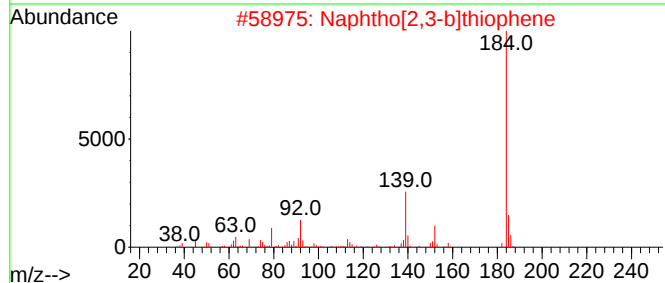
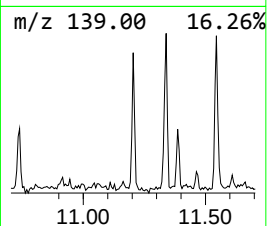
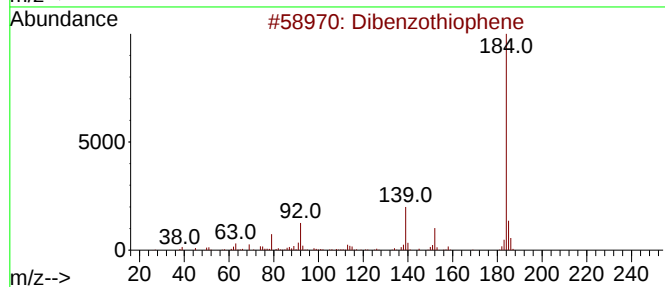
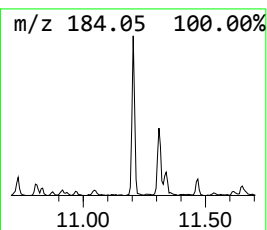
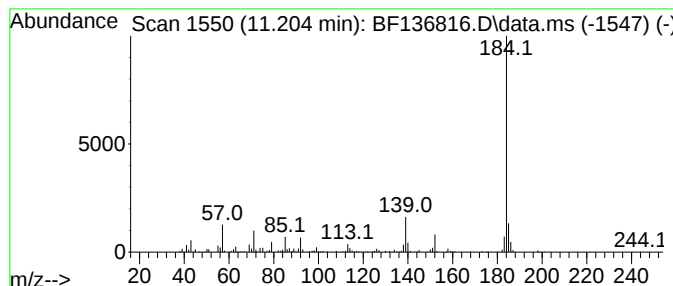
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	8.83 ng	177587	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-05-122723

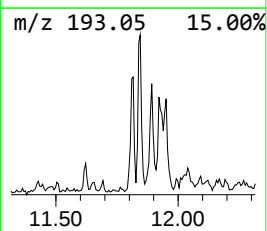
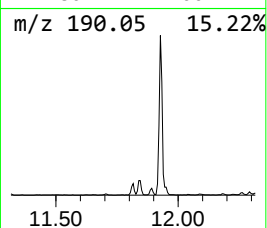
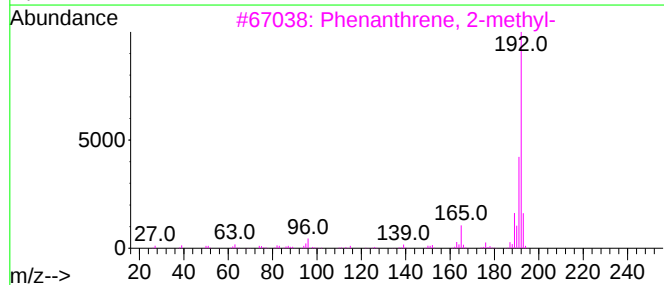
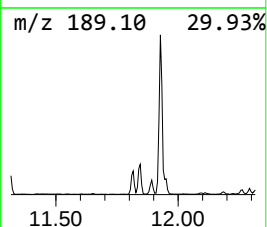
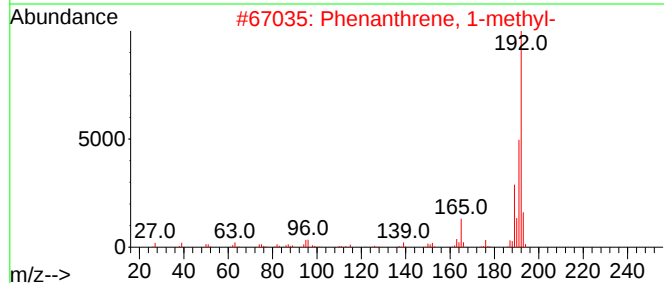
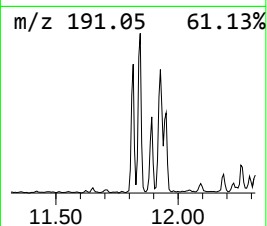
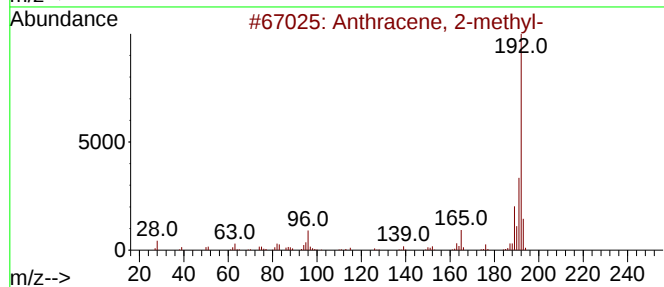
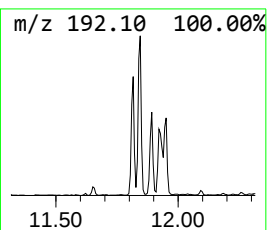
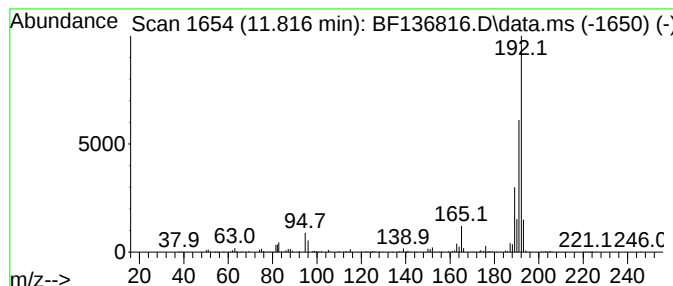
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	10.71 ng	215496	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-05-122723

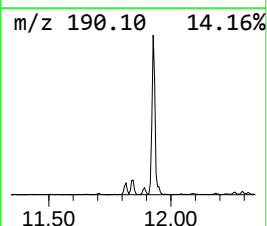
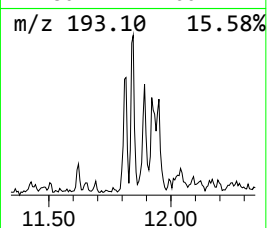
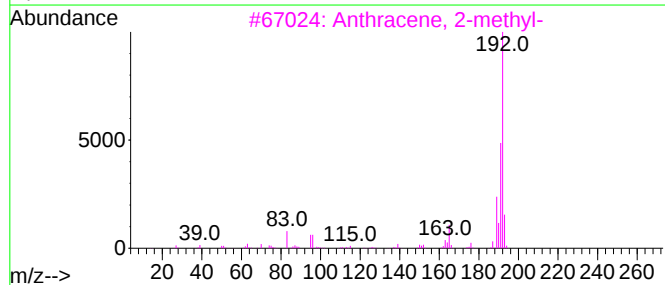
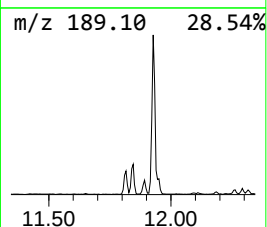
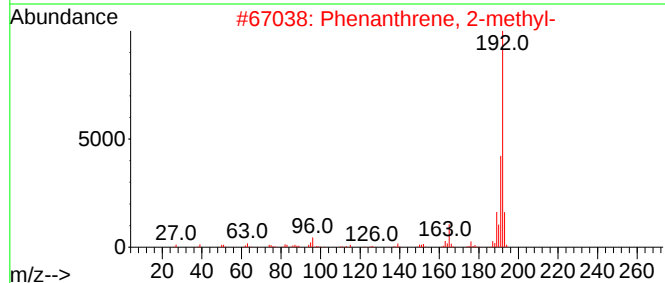
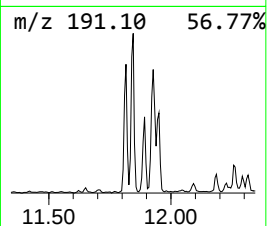
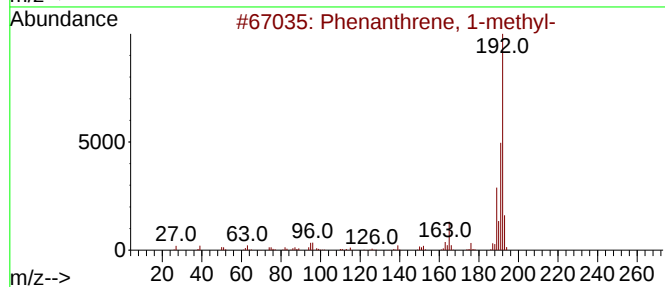
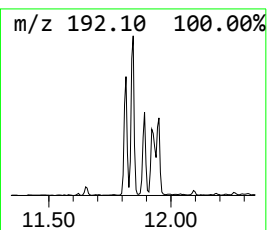
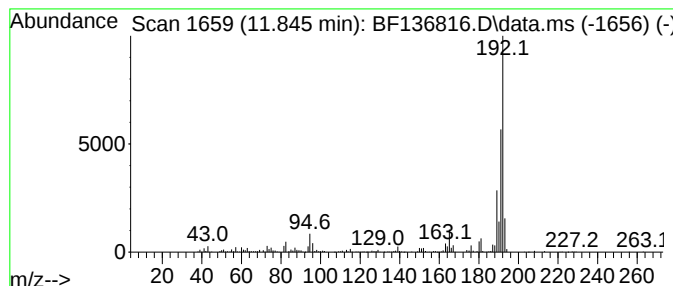
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	15.72 ng	316248	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

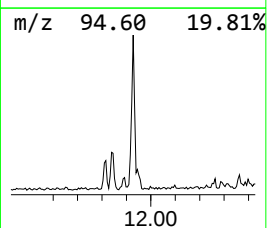
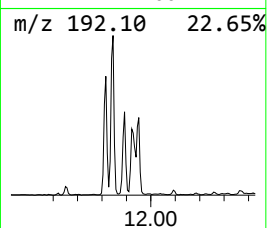
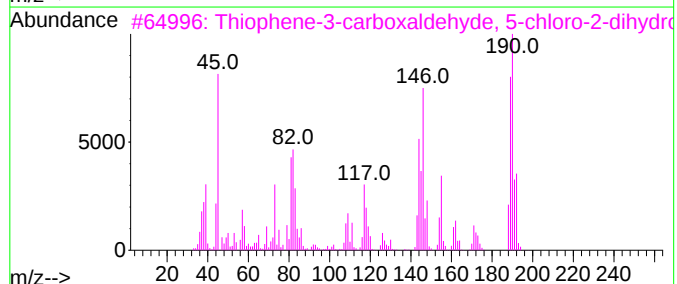
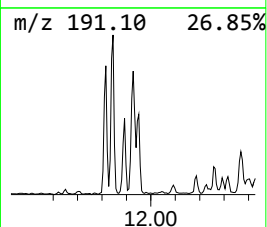
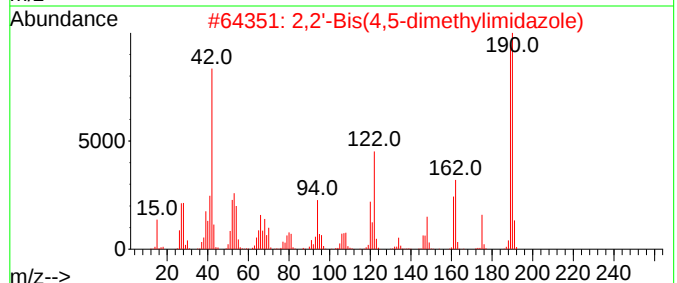
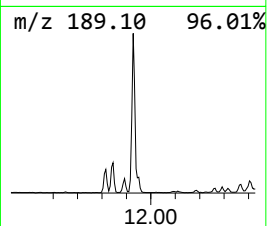
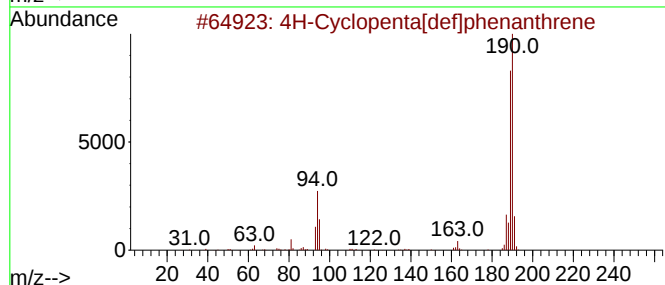
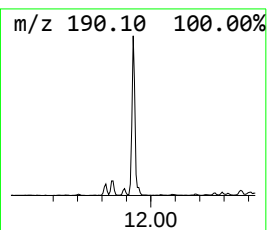
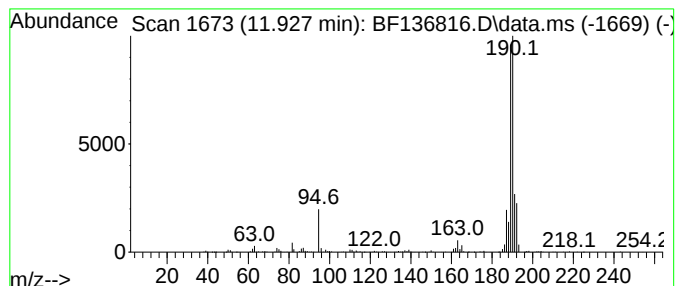
Instrument :
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ClientSampleId :
OR-05-122723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.927	28.48 ng	572948	Phenanthrene-d10			11.310
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	81
2	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	42
3	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	40
4	Methyl diselenide		190	C2H6Se2	007101-31-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...		190	C10H6O4	004923-55-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-05-122723

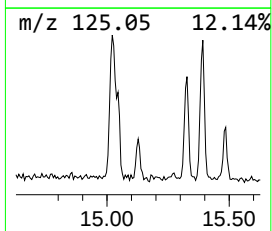
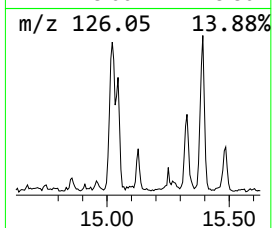
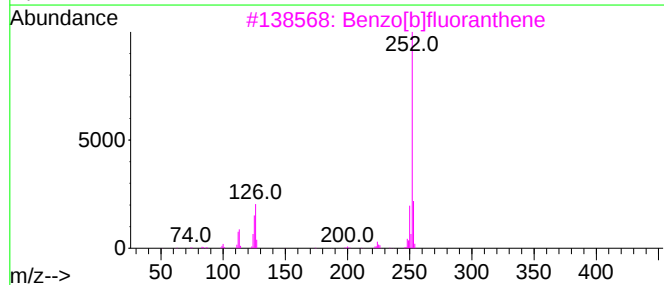
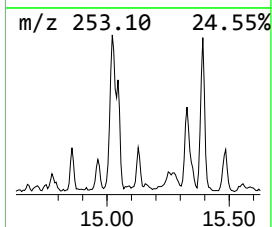
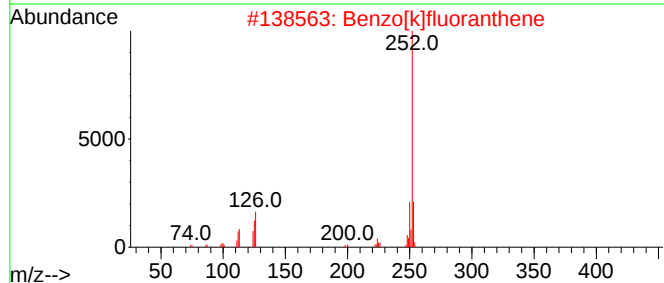
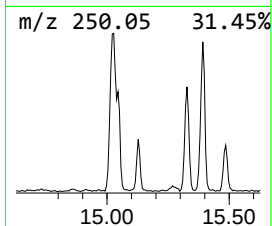
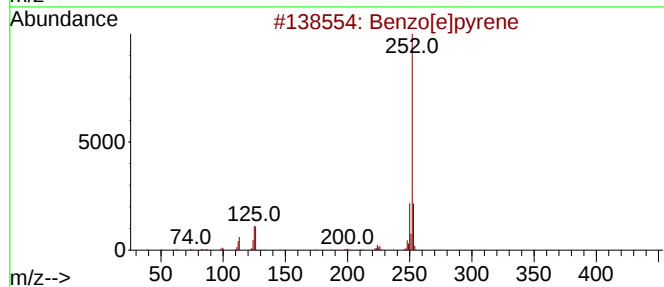
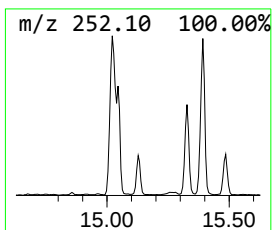
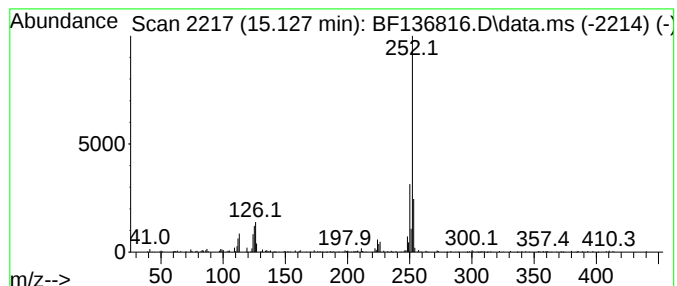
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	9.91 ng	116905	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136816.D
Acq On : 29 Dec 2023 02:57
Operator : CG\JU
Sample : 06033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-05-122723

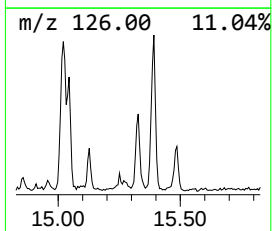
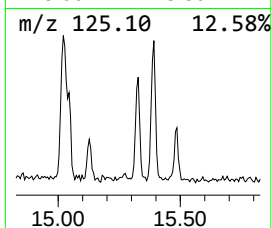
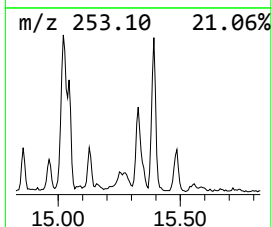
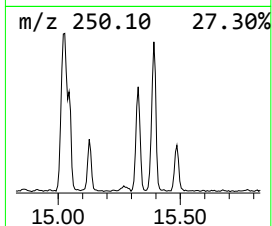
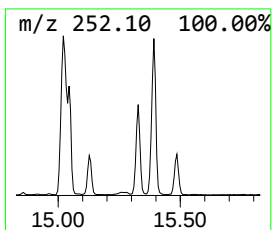
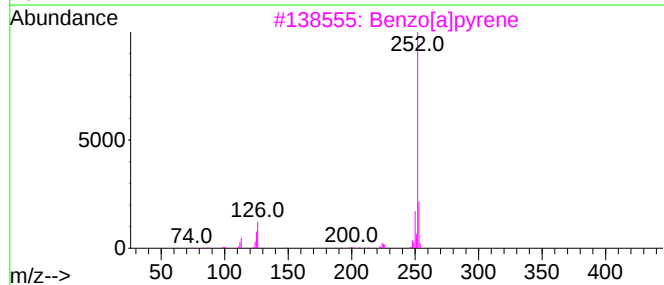
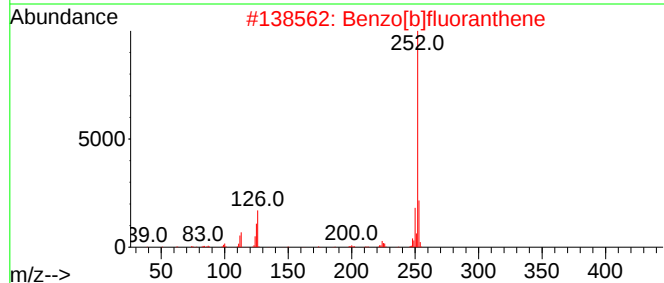
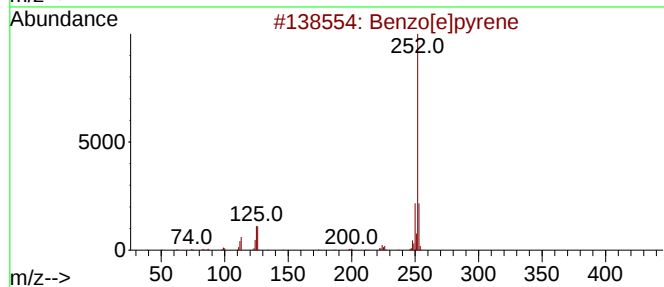
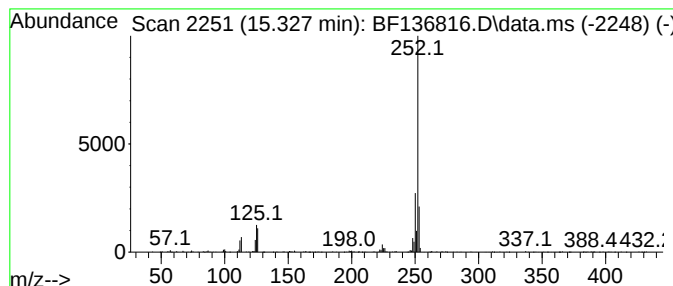
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	28.10 ng	331487	Perylene-d12	15.451

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	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136816.D
 Acq On : 29 Dec 2023 02:57
 Operator : CG\JU
 Sample : 06033-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Decane	6.616	9.1	ng	174598	1	6.781	384619	20.0
unknown7.422	7.422	8.8	ng	131641	2	8.057	299444	20.0
Octacosane	7.810	12.3	ng	183638	2	8.057	299444	20.0
unknown8.351	8.351	12.9	ng	193676	2	8.057	299444	20.0
Undecane, 4,6-d...	8.481	16.2	ng	242381	2	8.057	299444	20.0
Tridecane	8.651	25.8	ng	385864	2	8.057	299444	20.0
Dodecane, 2,7,1...	9.081	14.5	ng	215461	3	9.816	296801	20.0
Naphthalene, 1,...	9.404	12.4	ng	184435	3	9.816	296801	20.0
Naphthalene, 2,...	9.475	14.1	ng	209116	3	9.816	296801	20.0
Naphthalene, 1,...	9.498	9.1	ng	135191	3	9.816	296801	20.0
Tetratetracontane	9.539	16.0	ng	237443	3	9.816	296801	20.0
Tetradecane	9.751	15.9	ng	235720	3	9.816	296801	20.0
Hexadecane	10.251	12.6	ng	186545	3	9.816	296801	20.0
Dodecane, 1-iodo-	10.727	12.4	ng	249983	4	11.310	402335	20.0
Dibenzothiophene	11.204	8.8	ng	177587	4	11.310	402335	20.0
Anthracene, 2-m...	11.816	10.7	ng	215496	4	11.310	402335	20.0
Phenanthrene, 1...	11.845	15.7	ng	316248	4	11.310	402335	20.0
4H-Cyclopenta[d...	11.927	28.5	ng	572948	4	11.310	402335	20.0
Benzo[e]pyrene	15.127	9.9	ng	116905	6	15.451	235908	20.0
Perylene	15.327	28.1	ng	331487	6	15.451	235908	20.0