

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130982.D
 Acq On : 04 Nov 2022 03:11
 Operator : CG\JU
 Sample : N5416-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-1

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: BF130982.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	11	17	23	rVB	517485	644213	36.57%	2.919%
2	2.299	30	36	46	rVB	31509	49451	2.81%	0.224%
3	5.134	514	518	527	rBV	531940	573698	32.57%	2.600%
4	5.534	582	586	589	rBV	1359988	1181895	67.10%	5.356%
5	6.539	752	757	760	rBV	1848636	1761488	100.00%	7.982%
6	6.745	789	792	795	rBV2	29125	28779	1.63%	0.130%
7	6.916	818	821	825	rBV	538511	488275	27.72%	2.213%
8	7.481	913	917	920	rBV	1244546	1044342	59.29%	4.732%
9	7.504	920	921	925	rVB	33697	21320	1.21%	0.097%
10	8.110	1020	1024	1032	rBV2	71633	164098	9.32%	0.744%
11	8.175	1032	1035	1037	rVV	57513	58402	3.32%	0.265%
12	8.204	1037	1040	1042	rVV	723703	575844	32.69%	2.609%
13	8.228	1042	1044	1046	rVV	104448	87307	4.96%	0.396%
14	8.251	1046	1048	1051	rVB2	27755	24435	1.39%	0.111%
15	8.486	1084	1088	1093	rVB4	20003	29113	1.65%	0.132%
16	8.616	1107	1110	1112	rVB	30069	23220	1.32%	0.105%
17	8.786	1136	1139	1143	rBV	66655	49279	2.80%	0.223%
18	8.916	1159	1161	1165	rVB	66943	51482	2.92%	0.233%
19	9.016	1175	1178	1182	rBV2	54023	49343	2.80%	0.224%
20	9.216	1210	1212	1215	rVB	33735	24670	1.40%	0.112%
21	9.280	1219	1223	1226	rBV	2132354	1651890	93.78%	7.485%
22	9.351	1232	1235	1238	rBV	96028	86754	4.93%	0.393%
23	9.545	1264	1268	1272	rBV2	47838	63108	3.58%	0.286%
24	9.622	1277	1281	1283	rVV	64387	80396	4.56%	0.364%
25	9.645	1283	1285	1287	rVV	47585	41940	2.38%	0.190%
26	9.675	1287	1290	1294	rVV4	59773	80576	4.57%	0.365%
27	9.739	1297	1301	1307	rBV2	40134	46480	2.64%	0.211%
28	9.828	1312	1316	1319	rBV	91228	85312	4.84%	0.387%
29	9.886	1321	1326	1330	rVB	100210	87520	4.97%	0.397%
30	9.963	1336	1339	1342	rVB	662409	556696	31.60%	2.523%
31	9.998	1342	1345	1348	rVB	107086	83414	4.74%	0.378%
32	10.069	1353	1357	1361	rVB2	28140	38845	2.21%	0.176%
33	10.122	1361	1366	1368	rBV5	25944	40952	2.32%	0.186%
34	10.169	1368	1374	1377	rVB2	89848	104758	5.95%	0.475%
35	10.204	1377	1380	1385	rBV2	52512	51792	2.94%	0.235%
36	10.280	1389	1393	1395	rBV2	43556	46008	2.61%	0.208%

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Integrator: RTE

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Filtering: 5

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.386	1404	1411	1414	rBV2	121268	126040	7.16%	0.571%
38	10.516	1429	1433	1439	rVB	134303	123810	7.03%	0.561%
39	10.604	1445	1448	1451	rBV	44367	37510	2.13%	0.170%
40	10.669	1457	1459	1463	rVB2	25431	23604	1.34%	0.107%
41	10.757	1470	1474	1478	rVB	465824	431785	24.51%	1.957%
42	10.863	1489	1492	1493	rBV	113867	99870	5.67%	0.453%
43	11.063	1522	1526	1529	rBV5	38745	51709	2.94%	0.234%
44	11.145	1538	1540	1543	rVB4	23968	21888	1.24%	0.099%
45	11.263	1557	1560	1563	rVB	33625	26806	1.52%	0.121%
46	11.310	1565	1568	1571	rVV2	99822	97931	5.56%	0.444%
47	11.345	1571	1574	1580	rVB2	72959	117278	6.66%	0.531%
48	11.457	1590	1593	1595	rBV	662142	605032	34.35%	2.742%
49	11.486	1595	1598	1601	rVV	708280	640494	36.36%	2.902%
50	11.533	1603	1606	1609	rVV	233243	200421	11.38%	0.908%
51	11.569	1609	1612	1618	rVB3	31510	55163	3.13%	0.250%
52	11.692	1630	1633	1637	rBV2	67245	67414	3.83%	0.305%
53	11.739	1639	1641	1647	rBV2	75076	91610	5.20%	0.415%
54	11.792	1647	1650	1655	rVB2	47011	54368	3.09%	0.246%
55	11.845	1655	1659	1662	rBV	473679	381391	21.65%	1.728%
56	11.963	1676	1679	1681	rBV	116650	105325	5.98%	0.477%
57	11.992	1681	1684	1687	rVB	149555	134561	7.64%	0.610%
58	12.039	1689	1692	1694	rBV	67749	58670	3.33%	0.266%
59	12.074	1695	1698	1700	rVV2	183402	189202	10.74%	0.857%
60	12.098	1700	1702	1705	rVB	96417	75425	4.28%	0.342%
61	12.151	1708	1711	1715	rBV	104996	95047	5.40%	0.431%
62	12.257	1727	1729	1731	rBV	75539	58580	3.33%	0.265%
63	12.286	1731	1734	1736	rVB2	48609	44092	2.50%	0.200%
64	12.439	1757	1760	1762	rBV2	58878	56280	3.20%	0.255%
65	12.516	1770	1773	1774	rBV	98121	112662	6.40%	0.511%
66	12.533	1774	1776	1778	rVV	1303004	1205492	68.44%	5.462%
67	12.557	1778	1780	1785	rVV	1378619	1157835	65.73%	5.247%
68	12.598	1785	1787	1791	rVV4	49938	63457	3.60%	0.288%
69	12.639	1791	1794	1797	rVB2	266804	217999	12.38%	0.988%
70	12.680	1797	1801	1804	rBV	961697	775991	44.05%	3.516%
71	12.910	1837	1840	1846	rVB	851680	796822	45.24%	3.611%
72	13.051	1860	1864	1867	rBV	1848109	1538934	87.37%	6.973%
73	13.239	1893	1896	1899	rVB	155290	156636	8.89%	0.710%
74	13.274	1899	1902	1904	rBV2	100013	106815	6.06%	0.484%
75	13.304	1905	1907	1910	rVB	106406	80752	4.58%	0.366%
76	13.339	1911	1913	1916	rVV2	79338	79827	4.53%	0.362%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.615	1958	1960	1963	rBV	107140	106595	6.05%	0.483%
78	13.945	2014	2016	2022	rVB2	121284	121196	6.88%	0.549%
79	14.110	2040	2044	2047	rBV2	521344	639437	36.30%	2.898%
80	14.139	2047	2049	2051	rVB	239222	178455	10.13%	0.809%
81	14.204	2058	2060	2065	rVB2	177466	185242	10.52%	0.839%
82	15.627	2299	2302	2309	rVB3	236470	395984	22.48%	1.794%

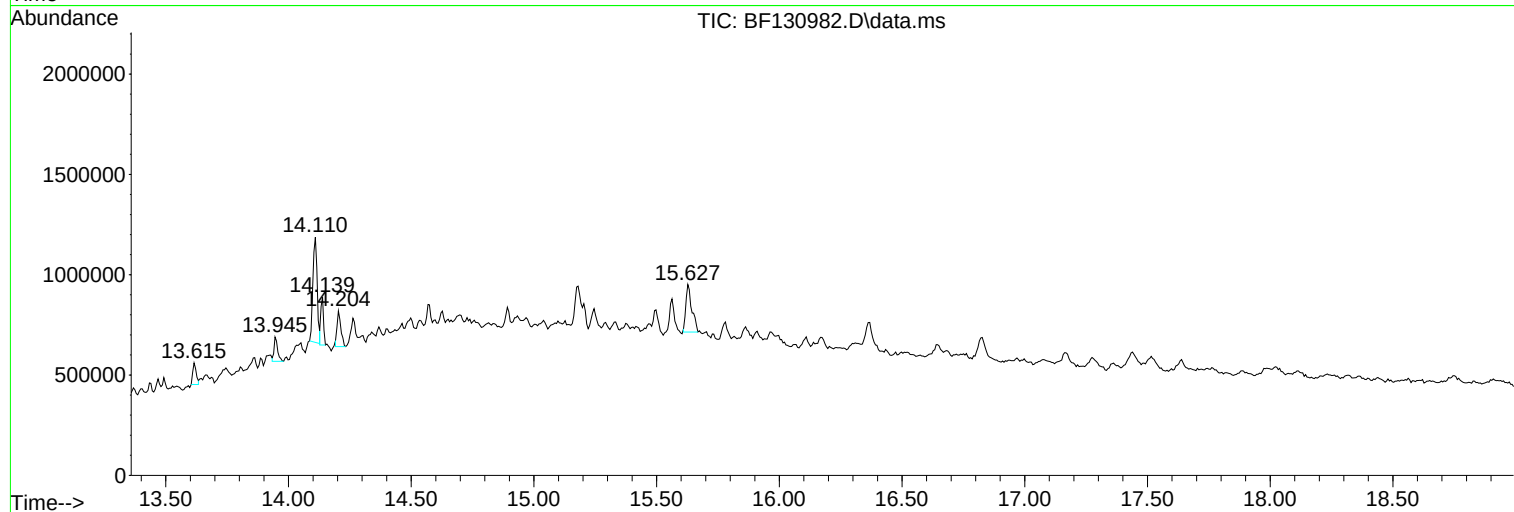
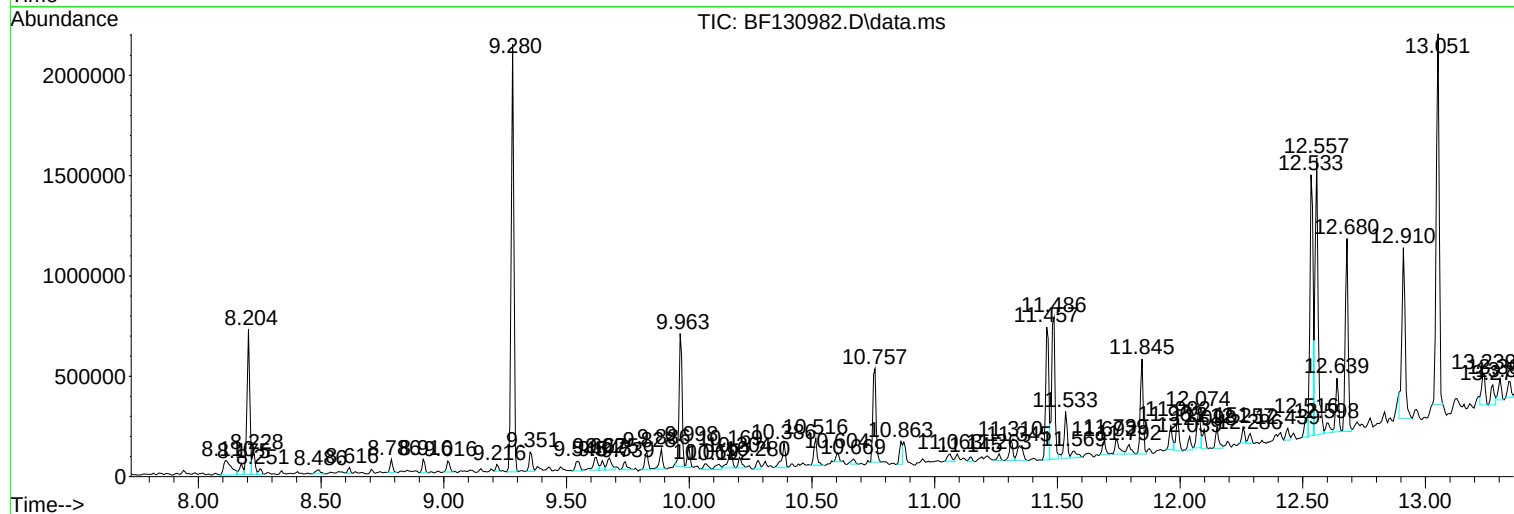
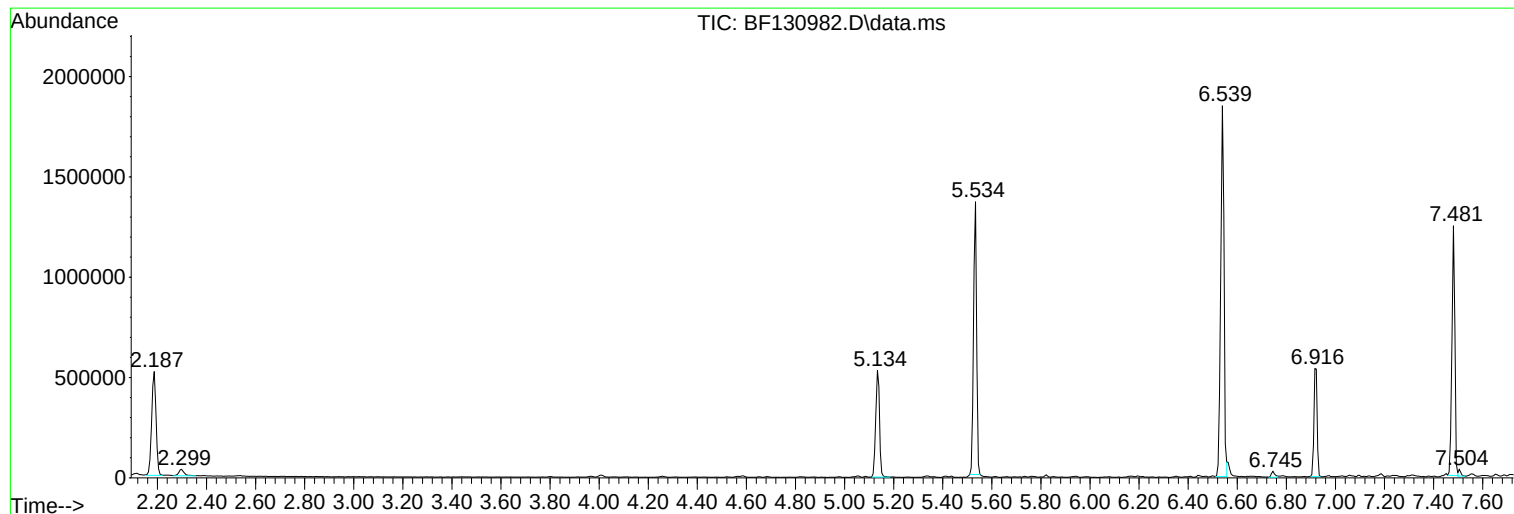
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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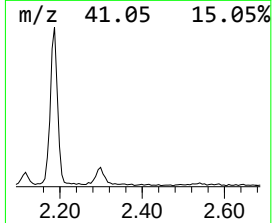
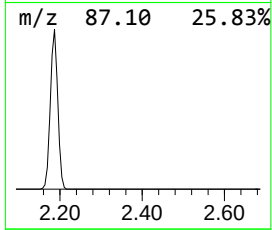
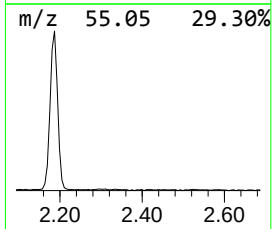
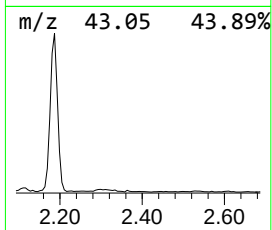
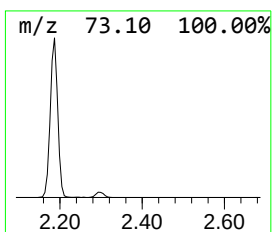
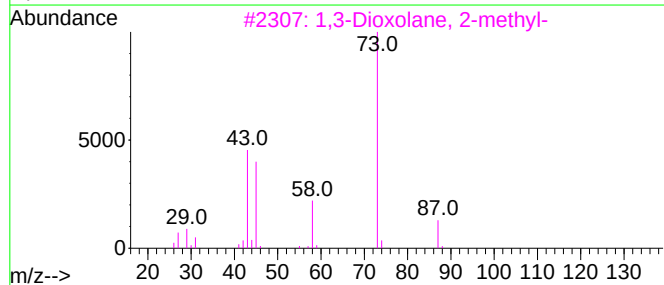
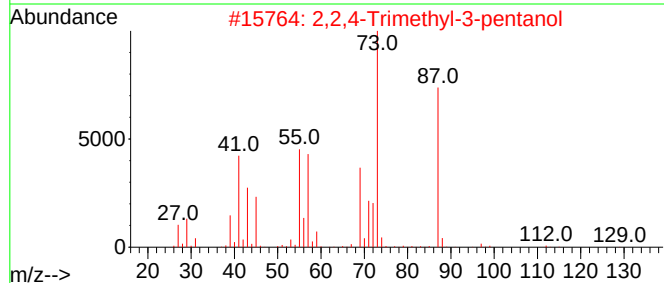
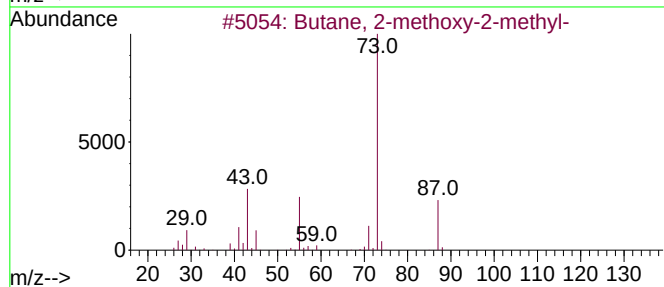
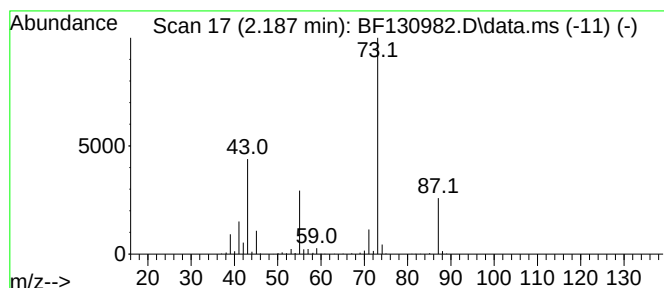
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	26.39 ng	644213	1,4-Dichlorobenzene-d4	6.922

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	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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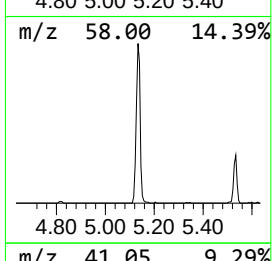
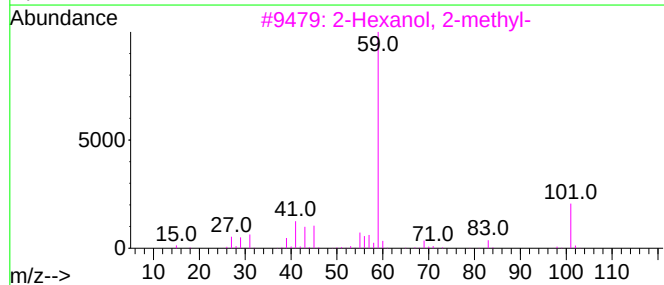
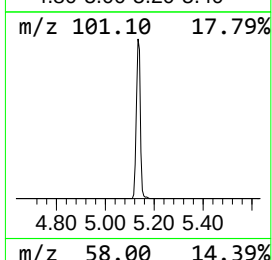
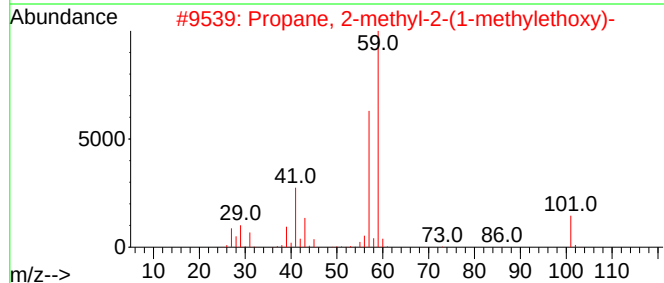
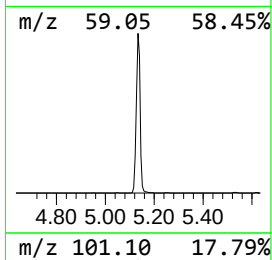
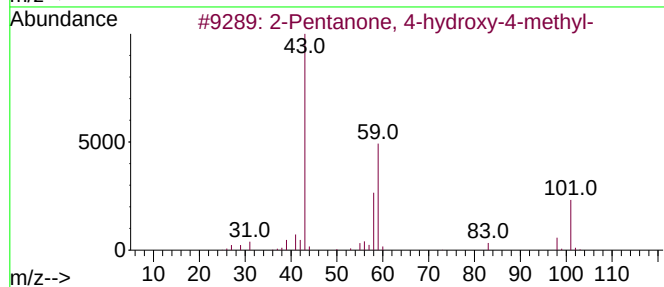
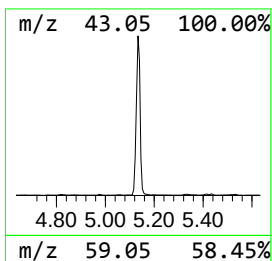
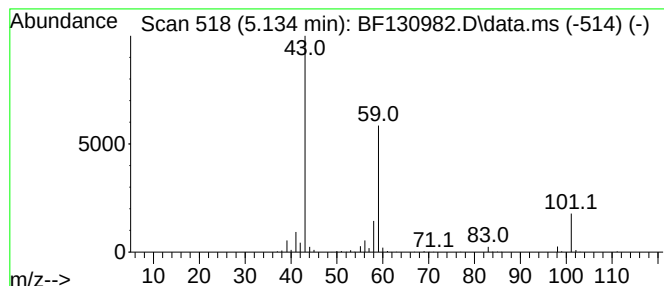
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	23.50 ng	573698	1,4-Dichlorobenzene-d4	6.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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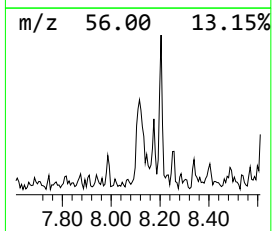
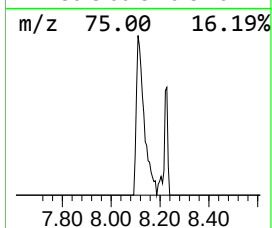
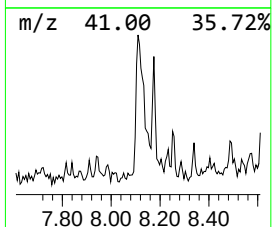
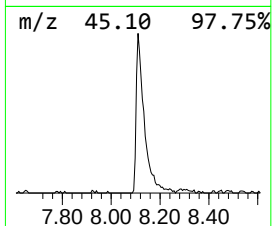
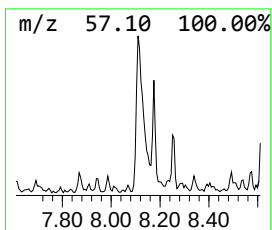
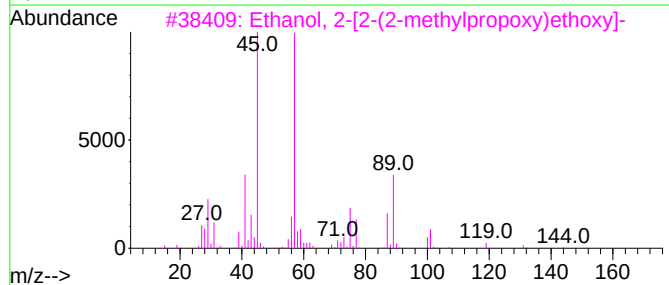
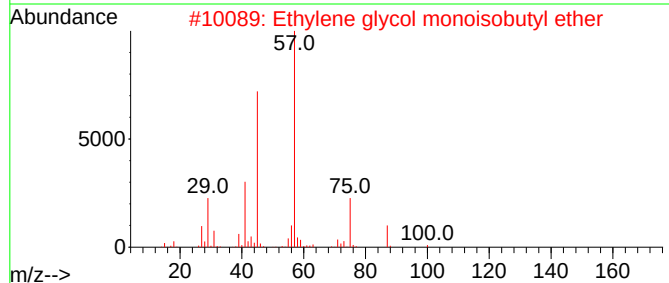
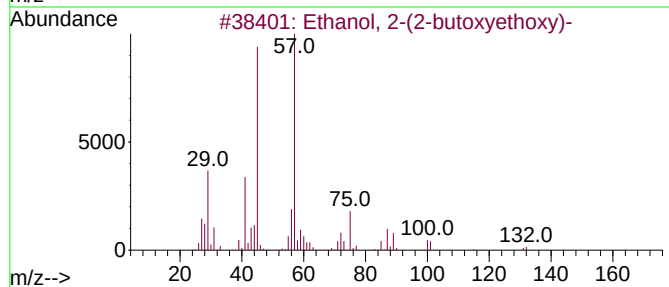
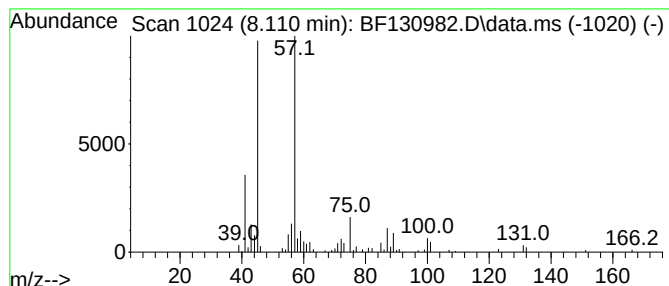
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	5.70 ng	164098	Naphthalene-d8	8.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5			Hexaethylene glycol	282	C12H26O7	002615-15-8	53



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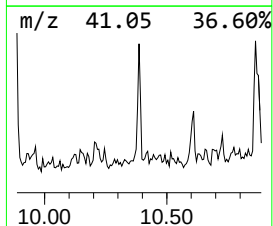
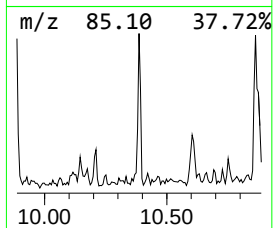
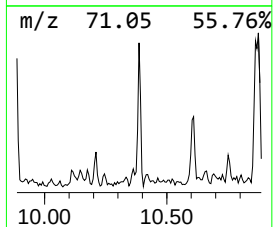
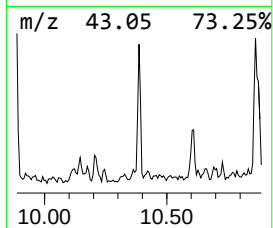
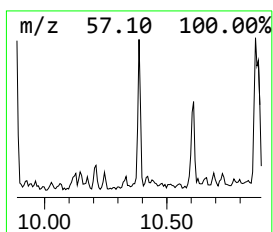
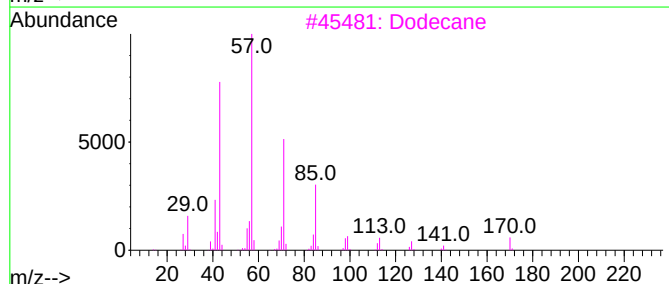
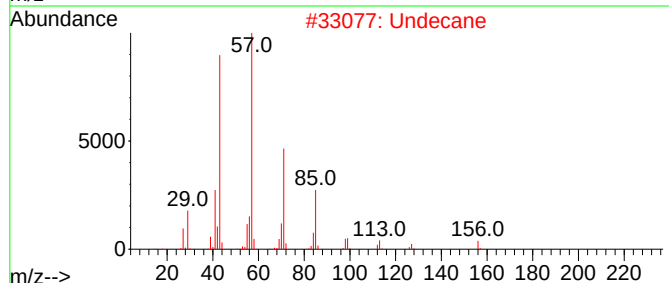
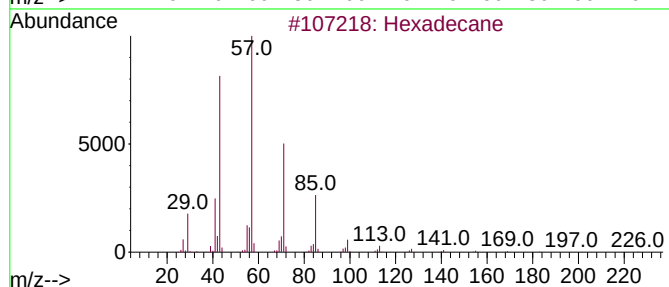
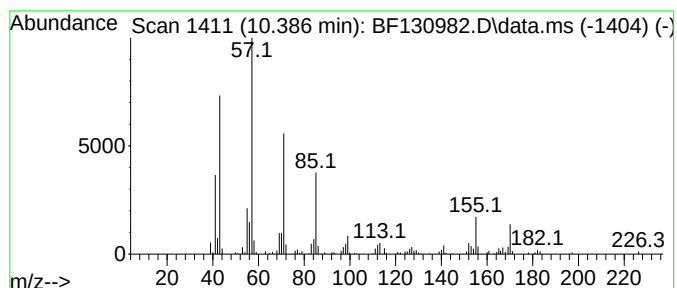
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	4.53 ng	126040	Acenaphthene-d10	9.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Undecane	156	C11H24	001120-21-4	70
3			Dodecane	170	C12H26	000112-40-3	68
4			Pentadecane	212	C15H32	000629-62-9	62
5			Heptadecane	240	C17H36	000629-78-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
Operator : CG\JU
Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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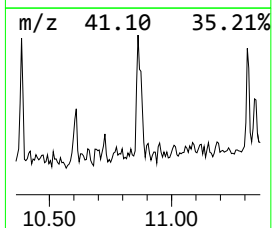
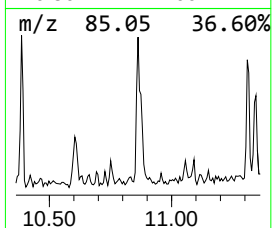
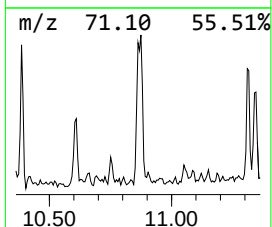
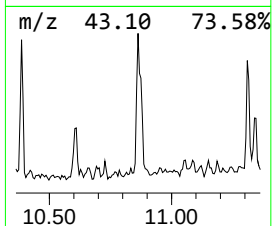
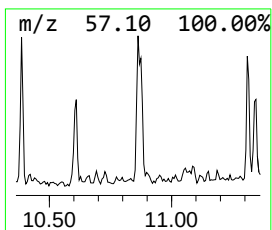
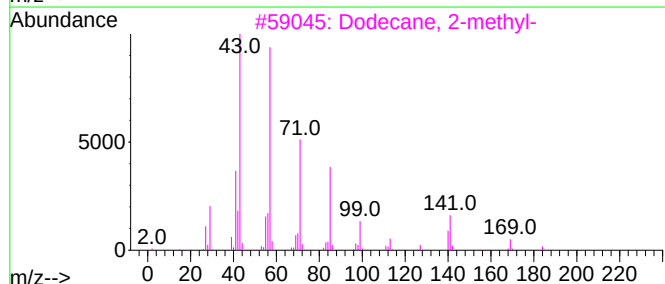
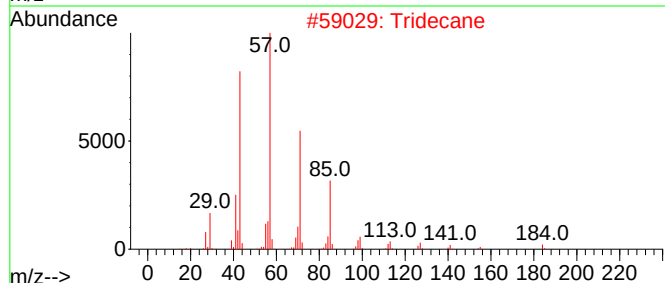
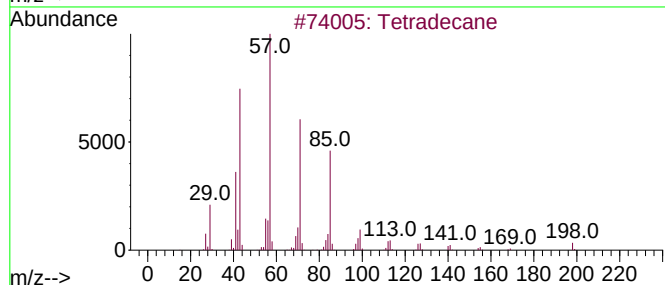
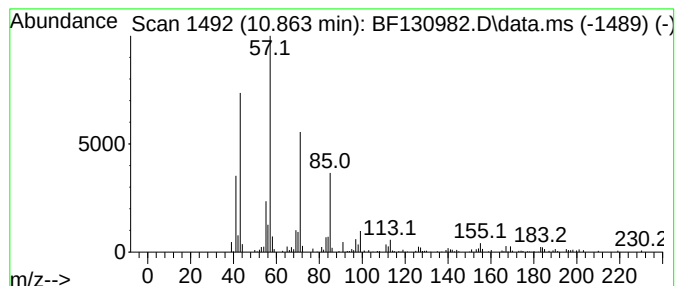
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.863	3.30 ng	99870	Phenanthrene-d10	11.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tridecane	184	C13H28	000629-50-5	87
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4			Heneicosane	296	C21H44	000629-94-7	83
5			Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
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Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-1

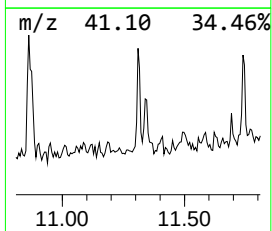
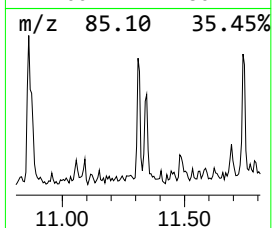
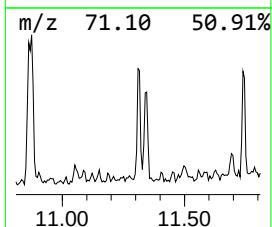
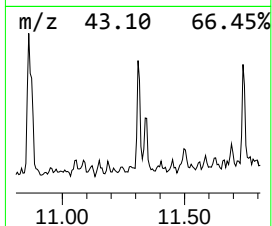
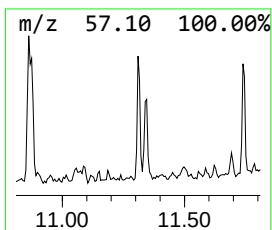
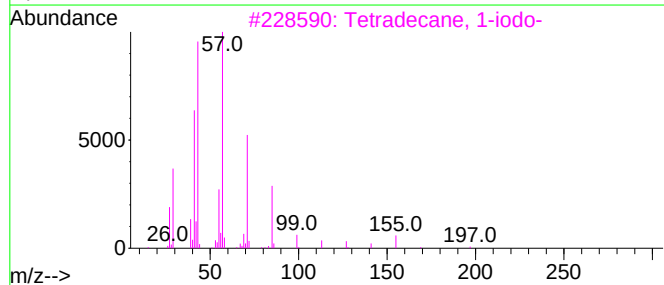
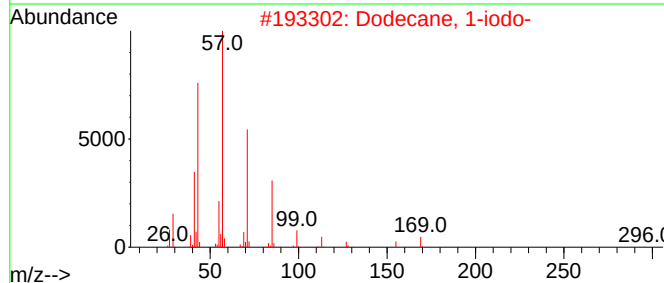
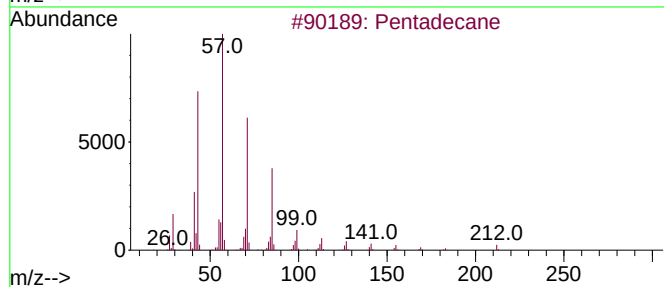
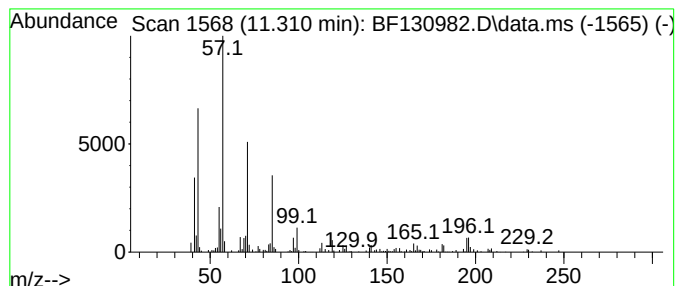
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	3.24 ng	97931	Phenanthrene-d10	11.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	76
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4			Hexadecane	226	C16H34	000544-76-3	58
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Acq On : 04 Nov 2022 03:11
Operator : CG\JU
Sample : N5416-01
Misc :
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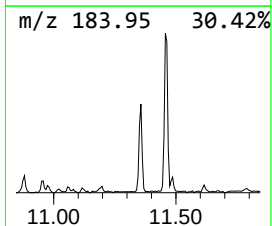
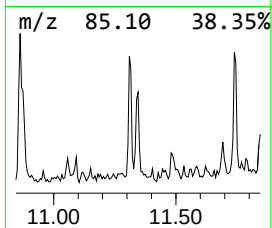
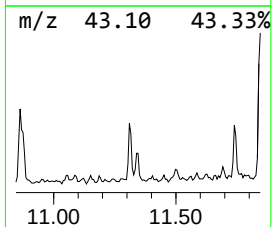
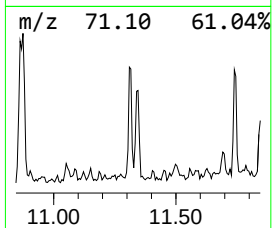
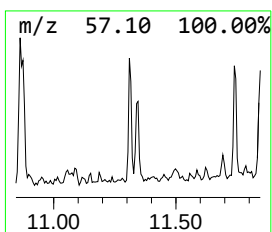
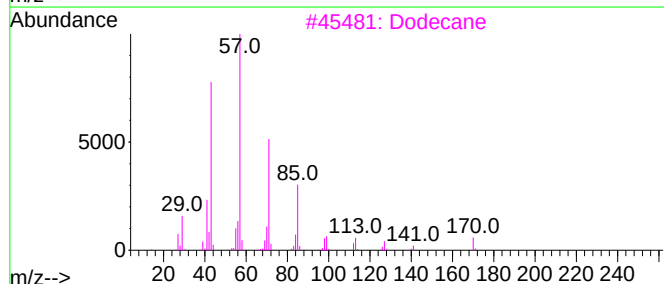
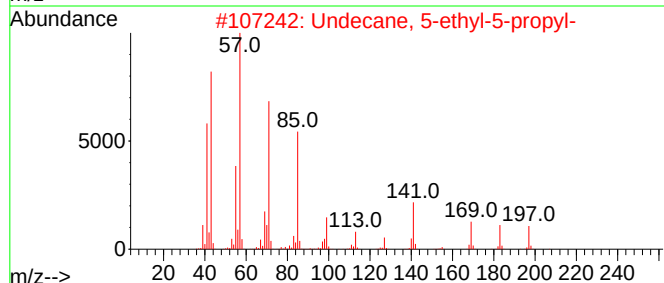
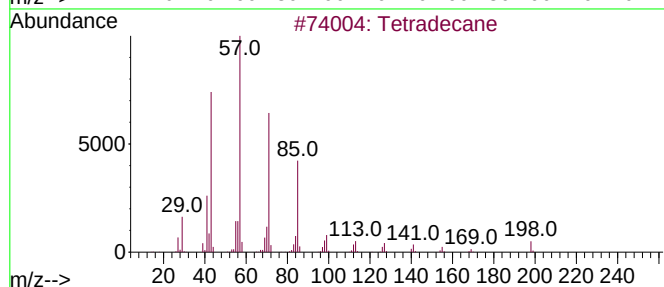
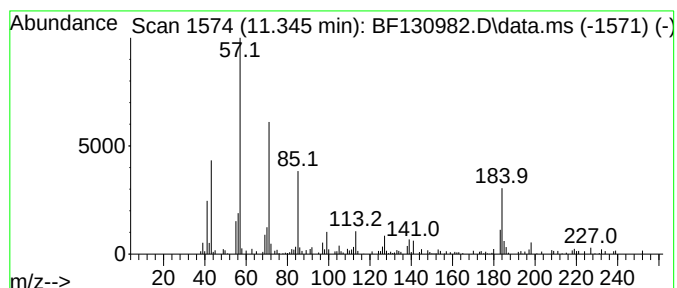
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 5-ethyl-5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.345	3.88 ng	117278	Phenanthrene-d10		11.457	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	76
2	Undecane, 5-ethyl-5-propyl-		226	C16H34	002755-07-9	72
3	Dodecane		170	C12H26	000112-40-3	64
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	62
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Acq On : 04 Nov 2022 03:11
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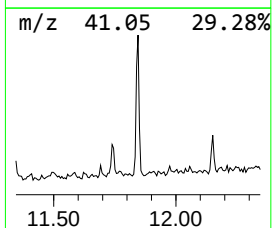
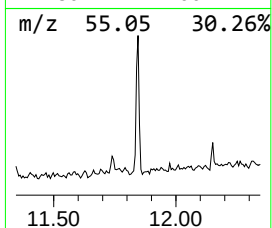
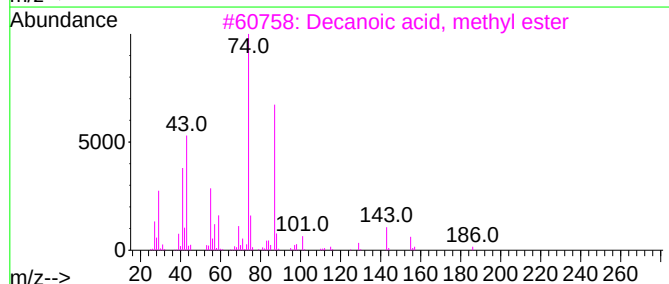
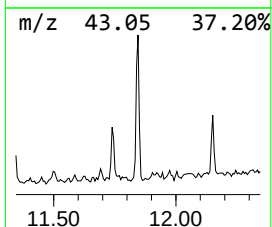
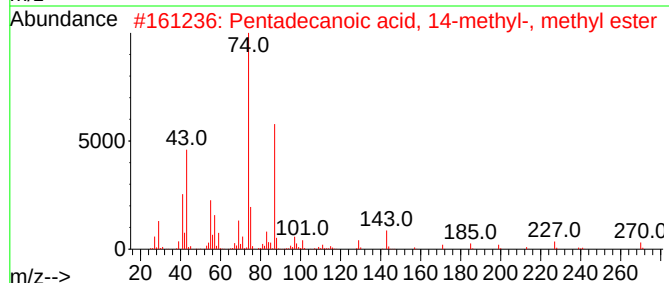
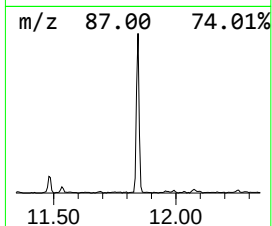
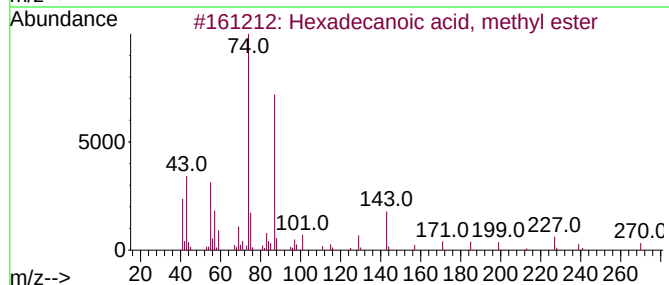
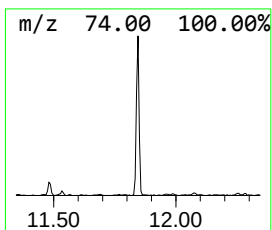
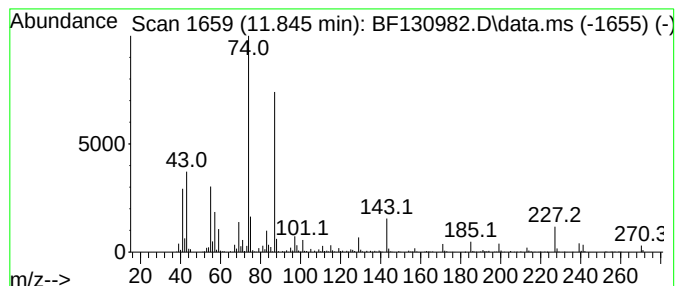
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	12.61 ng	381391	Phenanthrene-d10	11.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Sample : N5416-01
Misc :
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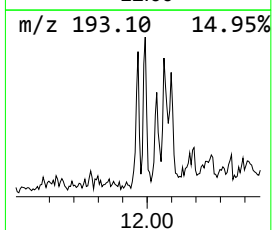
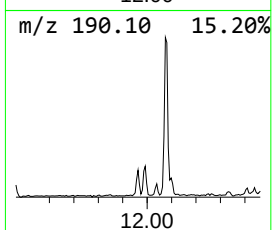
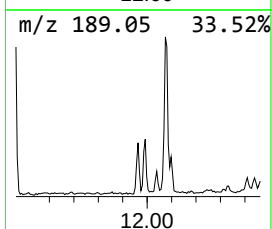
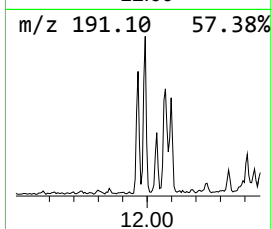
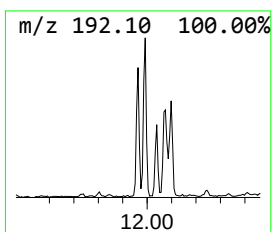
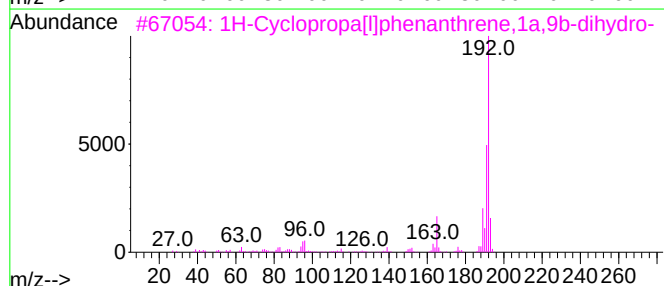
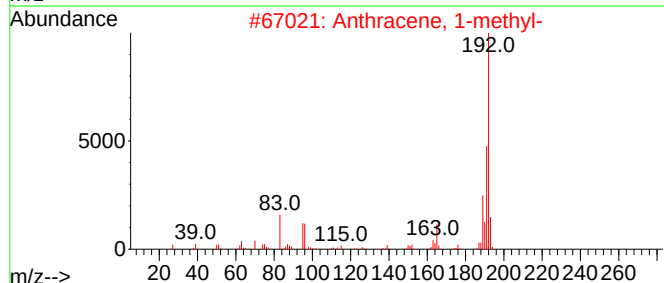
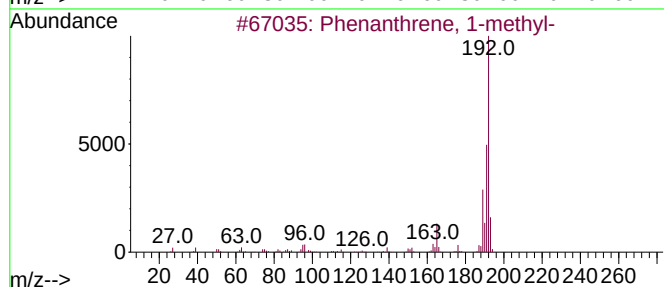
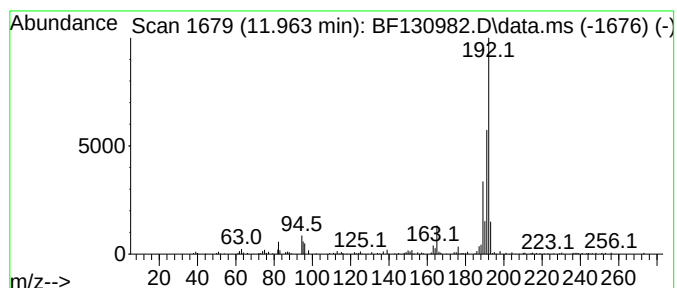
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.963	3.48 ng	105325	Phenanthrene-d10	11.457	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
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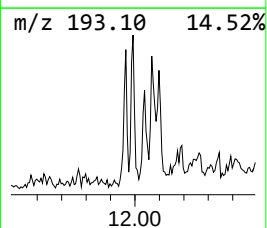
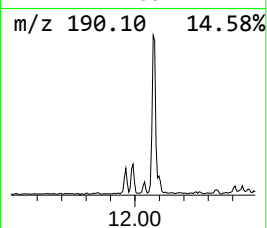
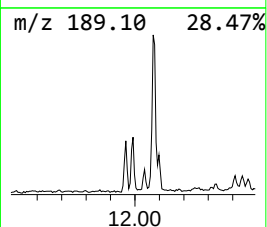
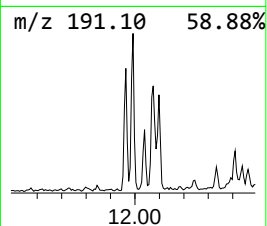
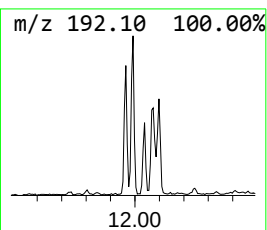
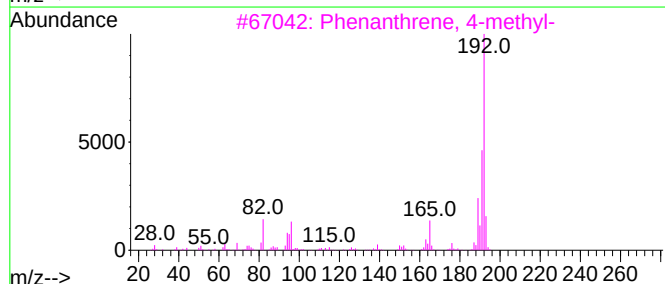
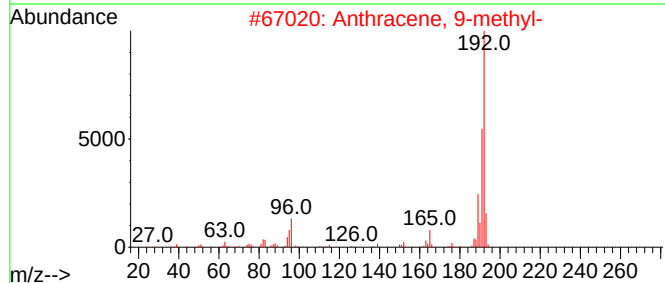
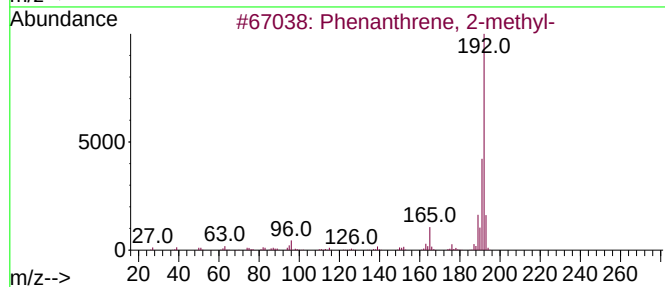
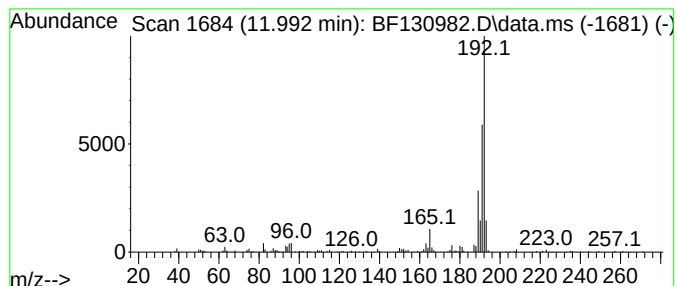
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	4.45 ng	134561	Phenanthrene-d10	11.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
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Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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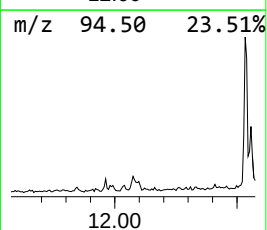
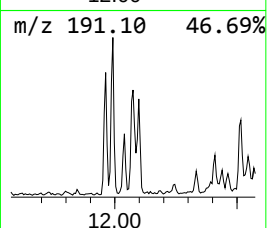
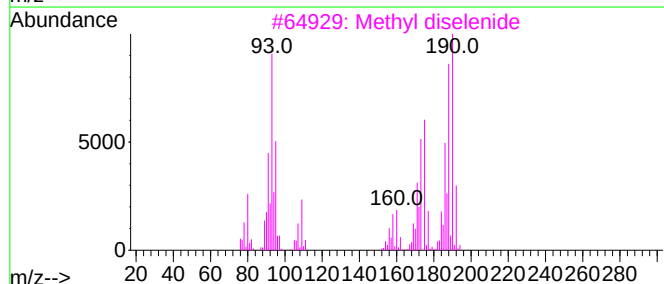
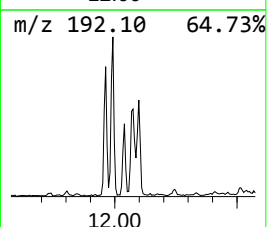
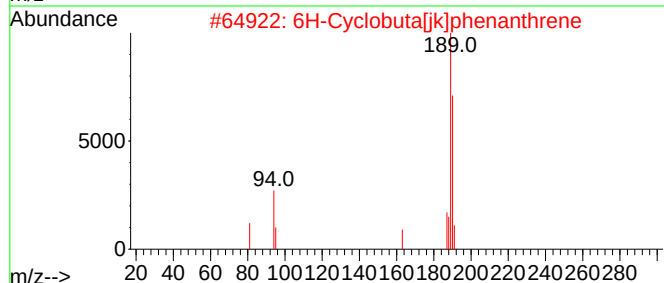
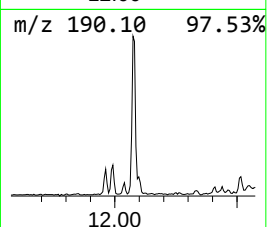
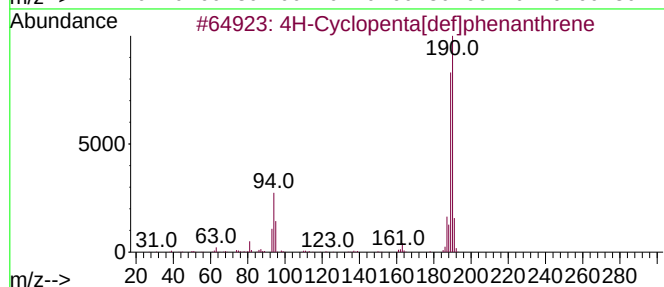
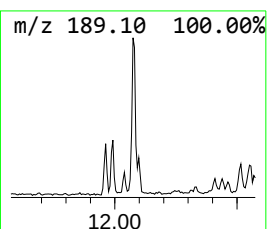
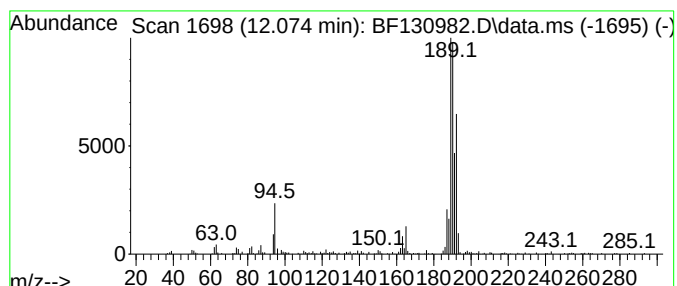
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	6.25 ng	189202	Phenanthrene-d10	11.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			Methyl diselenide	190	C2H6Se2	007101-31-7	41
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
Operator : CG\JU
Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

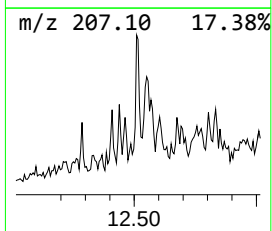
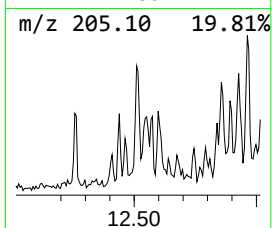
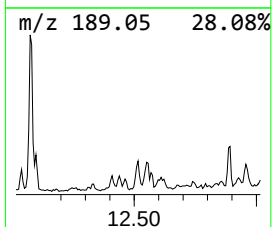
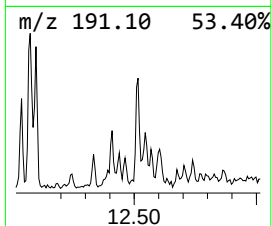
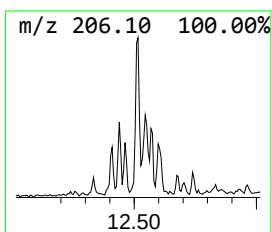
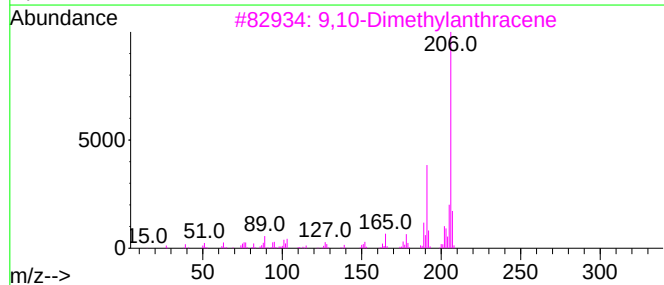
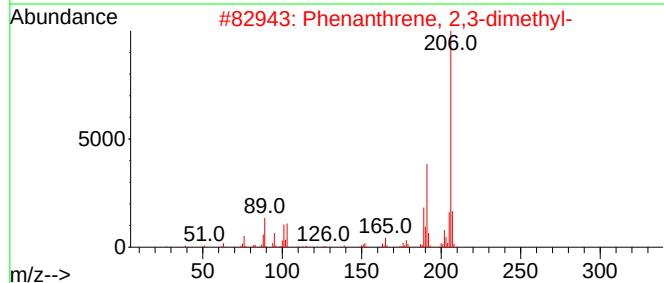
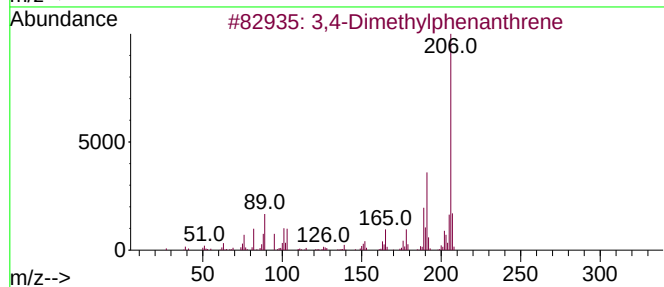
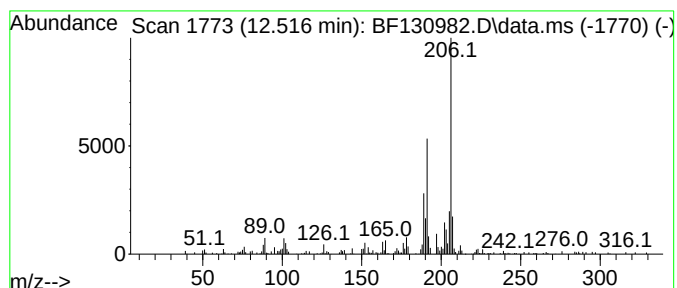
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,4-Dimethylphenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.516	3.72 ng	112662	Phenanthrene-d10		11.457	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	91
2	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	87
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	86
4	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	86
5	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
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Sample : N5416-01
Misc :
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Instrument :
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ClientSampleId :
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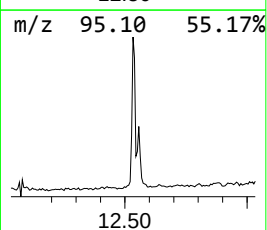
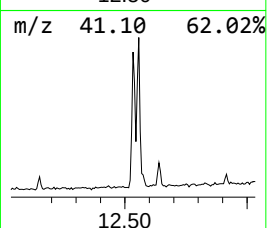
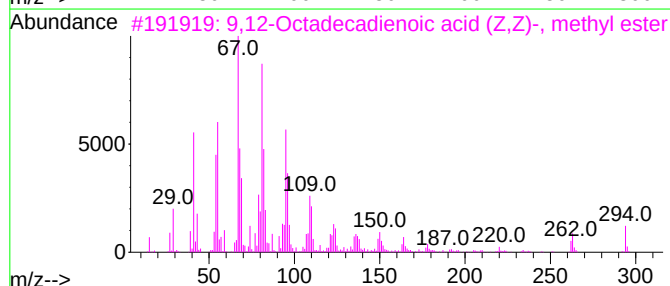
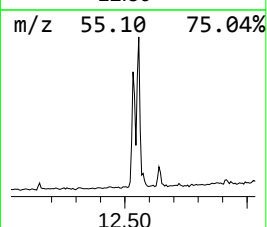
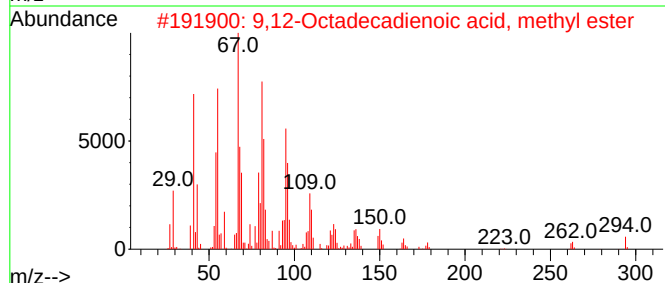
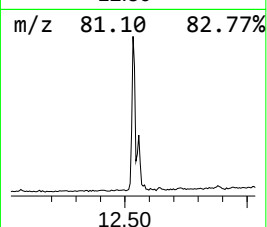
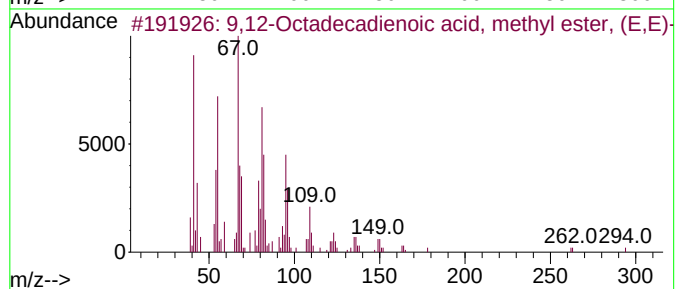
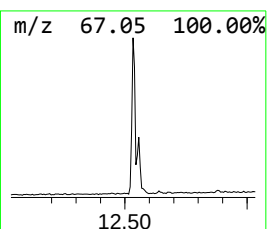
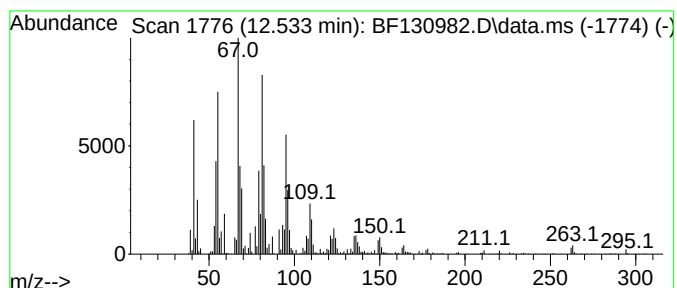
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	39.85 ng	1205490	Phenanthrene-d10	11.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
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Sample : N5416-01
Misc :
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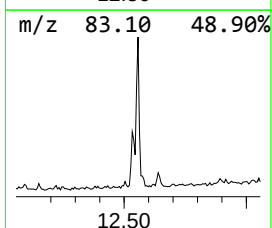
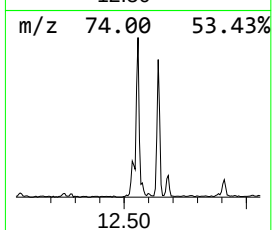
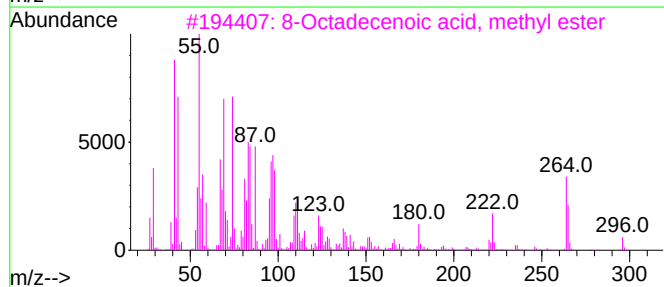
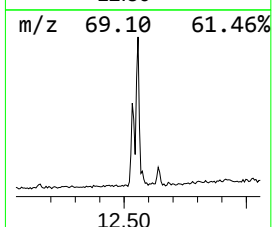
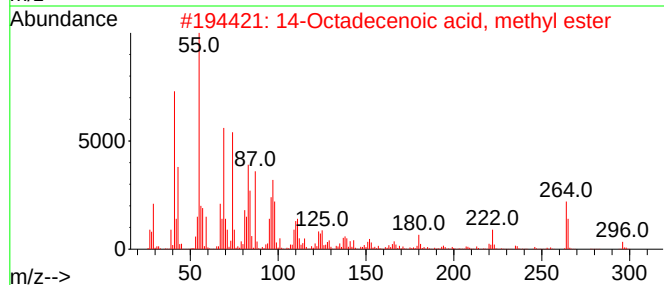
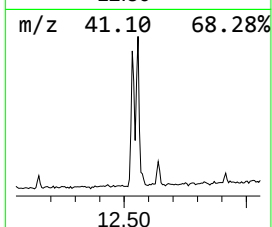
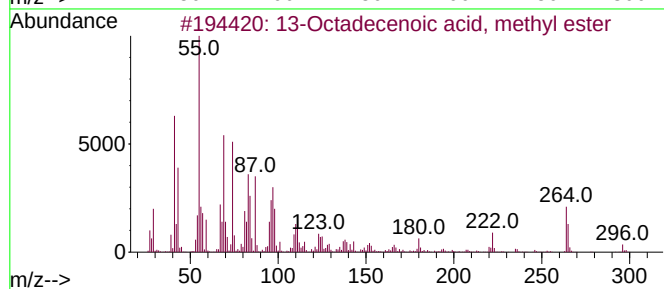
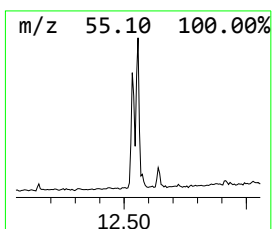
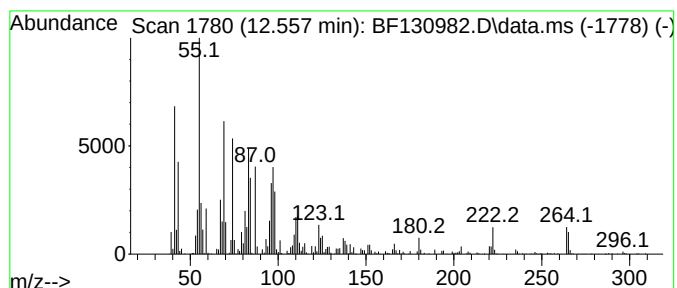
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 13-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	38.27 ng	1157840	Phenanthrene-d10	11.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
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Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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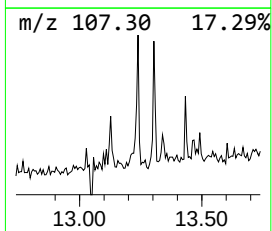
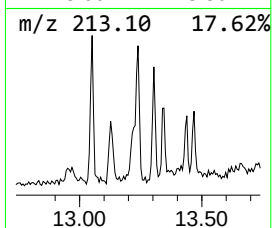
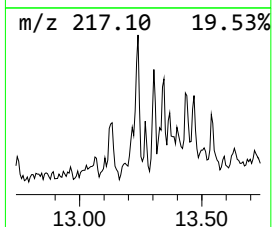
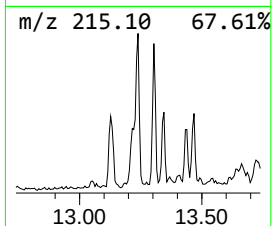
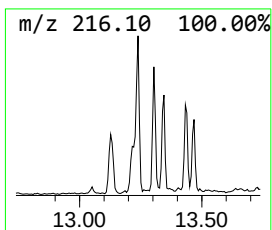
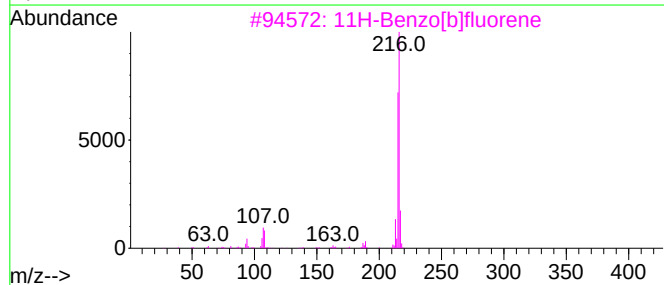
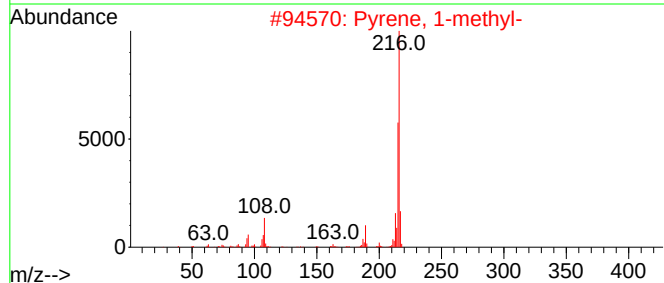
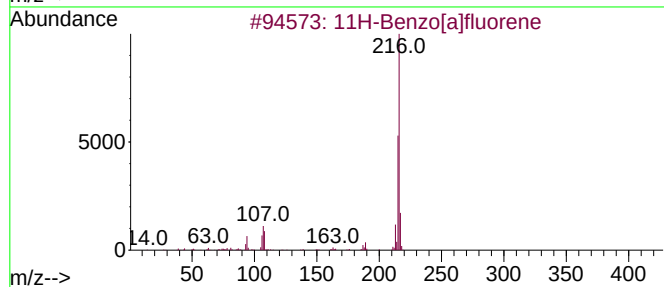
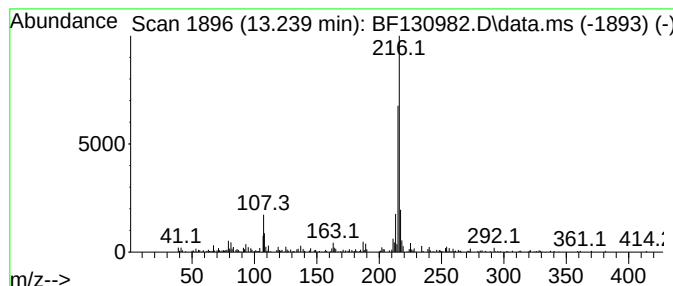
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	4.90 ng	156636	Chrysene-d12	14.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Acq On : 04 Nov 2022 03:11
Operator : CG\JU
Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

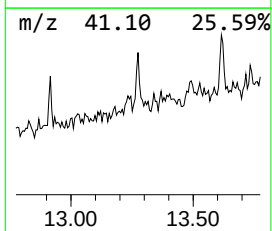
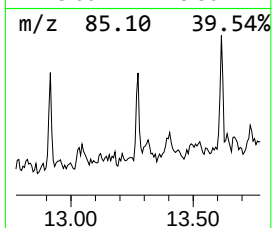
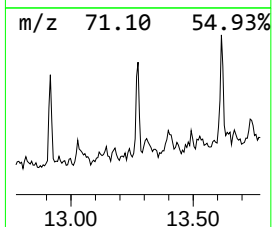
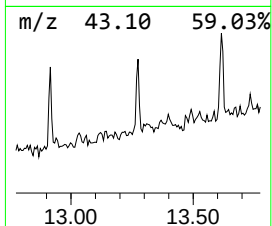
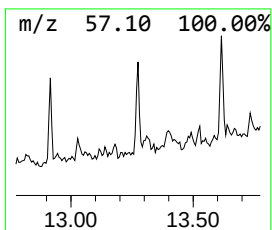
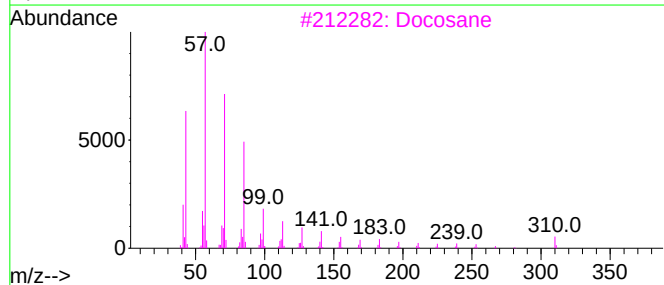
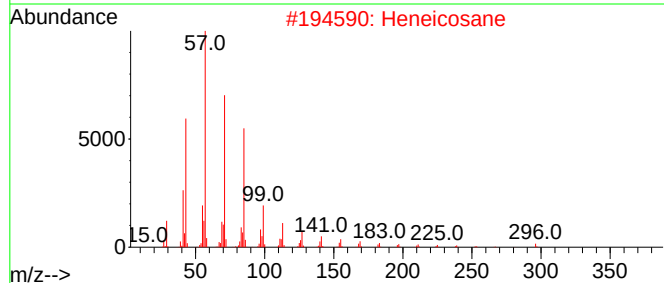
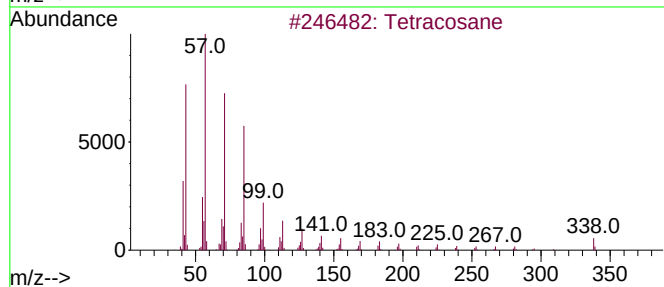
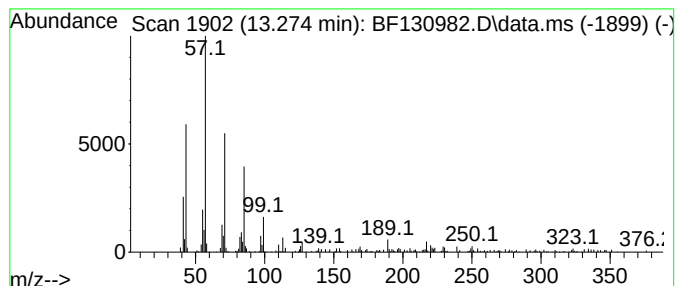
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.274	3.34 ng	106815	Chrysene-d12	14.110	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane	310	C22H46	000629-97-0	87
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
5	Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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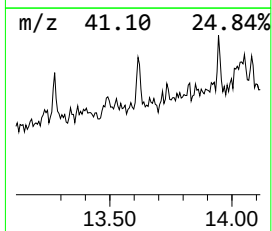
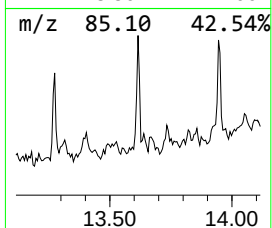
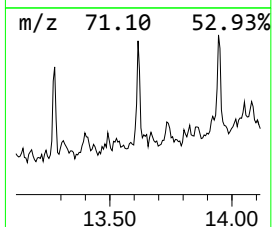
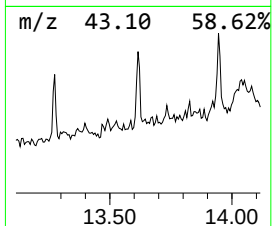
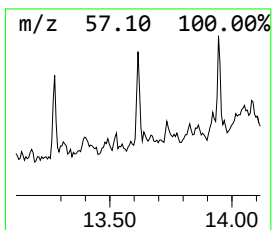
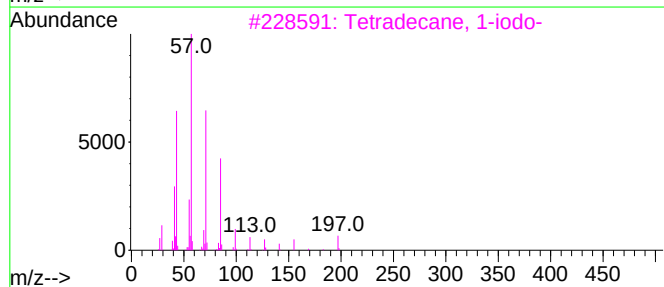
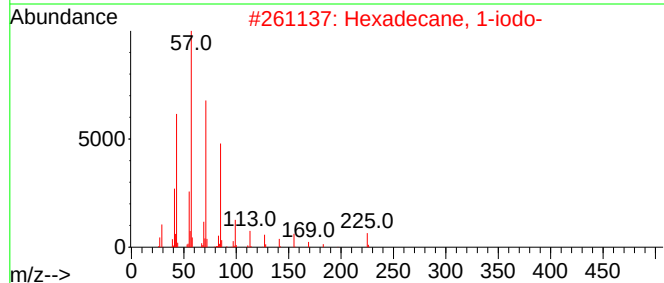
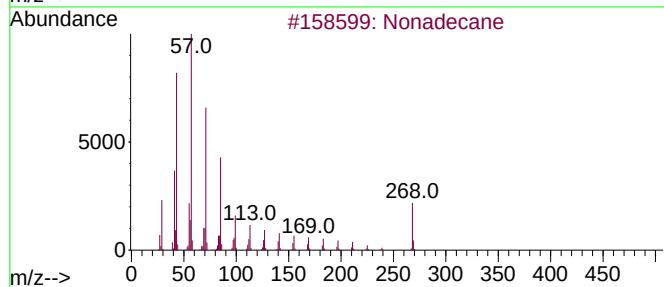
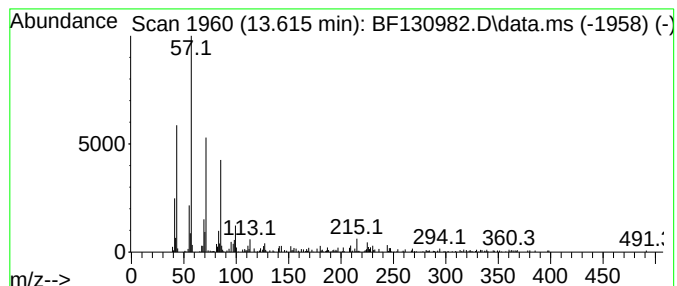
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.616	3.33 ng	106595	Chrysene-d12	14.110	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Boric acid, ethyl-, didecyl ester	354	C22H47BO2	1000152-34-4	74
5	Tricosane	324	C23H48	000638-67-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
Operator : CG\JU
Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-1

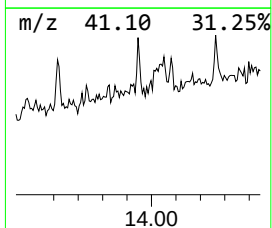
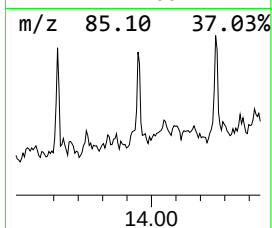
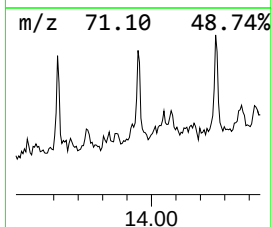
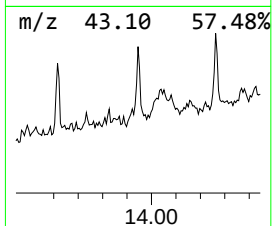
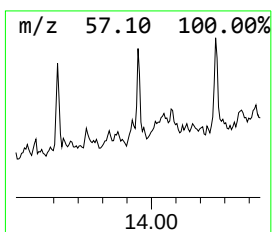
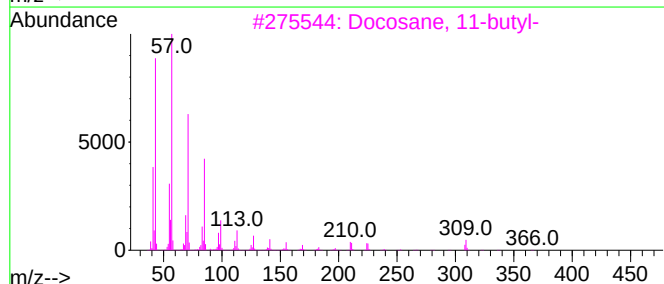
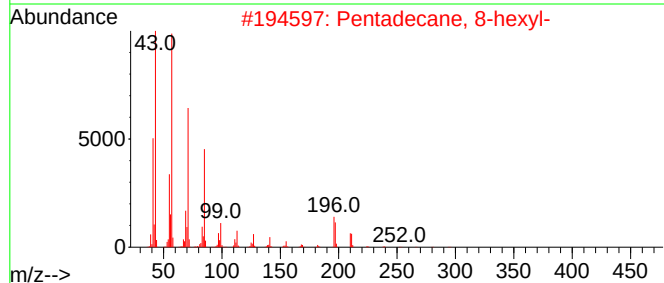
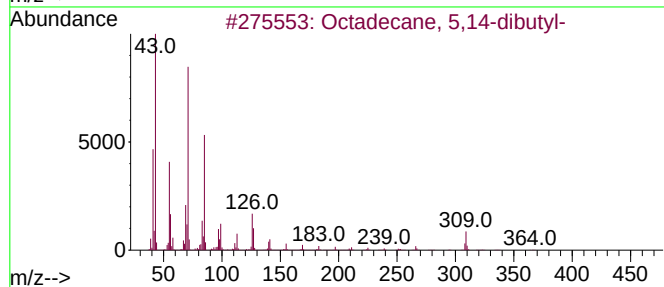
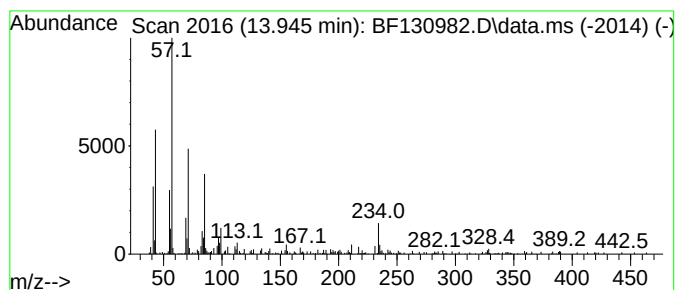
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane, 5,14-dibutyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	3.79 ng	121196	Chrysene-d12	14.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	76
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	70
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
Operator : CG\JU
Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-1

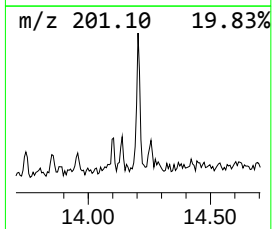
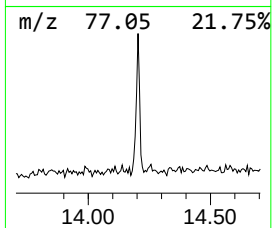
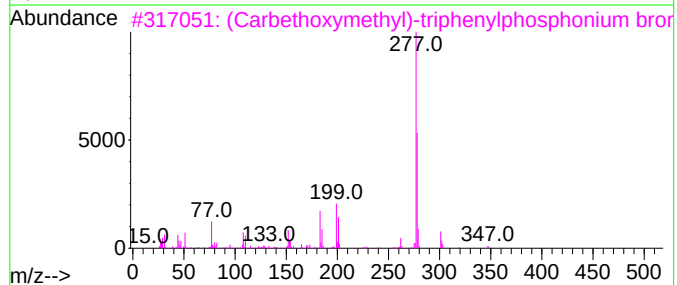
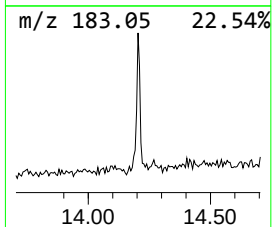
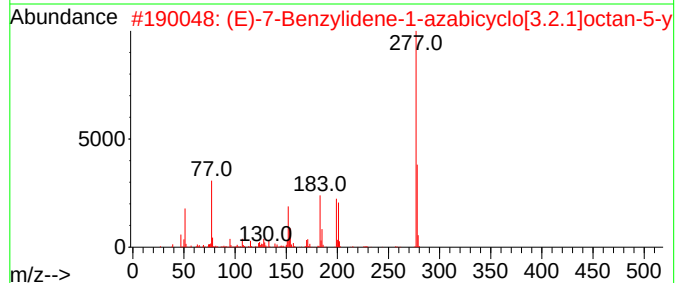
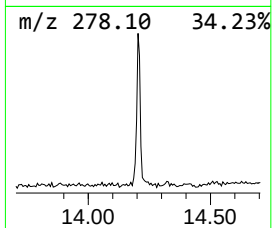
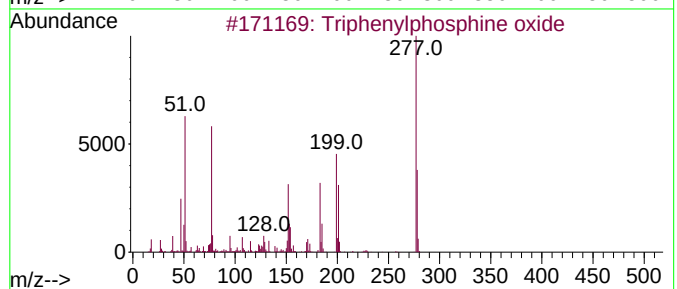
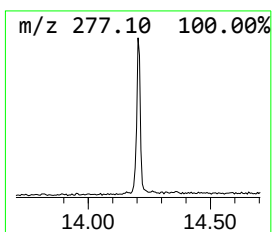
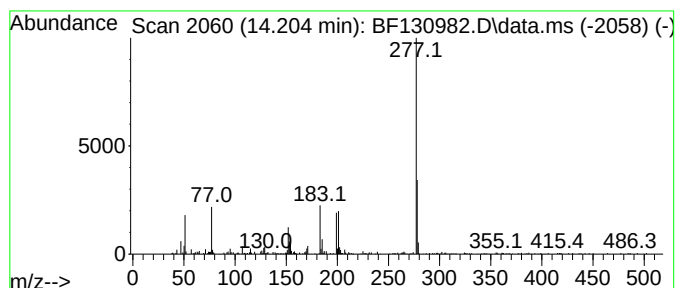
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	5.79 ng	185242	Chrysene-d12	14.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2			(E)-7-Benzylidene-1-azabicyclo[3.2.1]octan-5-ylidene triphenylphosphonium bromide	293	C15H19NO3S	1000483-83-4	91
3			(Carbethoxymethyl)-triphenylphosphonium bromide	428	C22H22BrO2P	001530-45-6	40
4			Formaldehyde, (triphenylphosphonium bromide)	304	C19H17N2P	015990-54-2	37
5			Benzoic acid, 2-(diphenylphosphonium bromide)	306	C19H15O2P	017261-28-8	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130982.D
Acq On : 04 Nov 2022 03:11
Operator : CG\JU
Sample : N5416-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-1

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...	2.187	26.4	ng	644213	1	6.922	488275	20.0
2-Pentanone, 4-...	5.134	23.5	ng	573698	1	6.922	488275	20.0
Ethanol, 2-(2-b...	8.110	5.7	ng	164098	2	8.204	575844	20.0
Hexadecane	10.386	4.5	ng	126040	3	9.963	556696	20.0
Tetradecane	10.863	3.3	ng	99870	4	11.457	605032	20.0
Pentadecane	11.310	3.2	ng	97931	4	11.457	605032	20.0
Undecane, 5-eth...	11.345	3.9	ng	117278	4	11.457	605032	20.0
Hexadecanoic ac...	11.845	12.6	ng	381391	4	11.457	605032	20.0
Phenanthrene, 1...	11.963	3.5	ng	105325	4	11.457	605032	20.0
Phenanthrene, 2...	11.992	4.5	ng	134561	4	11.457	605032	20.0
4H-Cyclopenta[d...	12.074	6.3	ng	189202	4	11.457	605032	20.0
3,4-Dimethylphe...	12.516	3.7	ng	112662	4	11.457	605032	20.0
9,12-Octadecadi...	12.533	39.9	ng	1205490	4	11.457	605032	20.0
13-Octadecenoic...	12.557	38.3	ng	1157840	4	11.457	605032	20.0
11H-Benzo[a]flu...	13.239	4.9	ng	156636	5	14.110	639437	20.0
Tetracosane	13.274	3.3	ng	106815	5	14.110	639437	20.0
Nonadecane	13.616	3.3	ng	106595	5	14.110	639437	20.0
Octadecane, 5,1...	13.945	3.8	ng	121196	5	14.110	639437	20.0
Triphenylphosph...	14.204	5.8	ng	185242	5	14.110	639437	20.0