

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127108.D
 Acq On : 28 Feb 2022 19:10
 Operator : CG\JU
 Sample : N1678-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-022522

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-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.522	546	550	553	rBV	2756885	2544069	87.92%	11.122%
2	6.528	716	721	724	rBV	2637445	2654937	91.76%	11.607%
3	6.898	781	784	788	rVB	818526	655858	22.67%	2.867%
4	7.463	876	880	883	rBV	1859243	1777241	61.42%	7.770%
5	7.487	883	884	888	rVB	63055	32574	1.13%	0.142%
6	7.534	888	892	896	rBV3	28214	33831	1.17%	0.148%
7	8.081	982	985	989	rBV3	55689	66690	2.30%	0.292%
8	8.151	994	997	999	rVV	107283	96241	3.33%	0.421%
9	8.181	999	1002	1005	rVV	960282	872963	30.17%	3.816%
10	8.234	1008	1011	1014	rVB2	40880	38565	1.33%	0.169%
11	8.469	1046	1051	1055	rVB4	33528	43417	1.50%	0.190%
12	8.528	1055	1061	1063	rBV5	20804	34137	1.18%	0.149%
13	8.592	1069	1072	1074	rVB3	40561	33063	1.14%	0.145%
14	8.687	1085	1088	1090	rBV2	38757	34016	1.18%	0.149%
15	8.763	1098	1101	1105	rBV	123948	94204	3.26%	0.412%
16	8.892	1121	1123	1127	rVB	39523	32234	1.11%	0.141%
17	8.998	1136	1141	1144	rBV2	44630	46216	1.60%	0.202%
18	9.128	1160	1163	1167	rBV4	38085	42356	1.46%	0.185%
19	9.257	1181	1185	1188	rBV	3328070	2893501	100.00%	12.650%
20	9.328	1194	1197	1200	rBV	145639	113207	3.91%	0.495%
21	9.598	1235	1243	1246	rBV4	32751	70642	2.44%	0.309%
22	9.651	1248	1252	1254	rBV3	36768	39510	1.37%	0.173%
23	9.739	1265	1267	1272	rVB5	23873	35363	1.22%	0.155%
24	9.804	1275	1278	1281	rBV2	33922	34629	1.20%	0.151%
25	9.857	1284	1287	1292	rVB	123755	111054	3.84%	0.485%
26	9.939	1298	1301	1304	rVV	993327	803069	27.75%	3.511%
27	9.975	1304	1307	1310	rVB	69567	60466	2.09%	0.264%
28	10.145	1333	1336	1339	rVB2	65686	65003	2.25%	0.284%
29	10.181	1339	1342	1346	rBV2	41120	42952	1.48%	0.188%
30	10.257	1351	1355	1358	rBV2	37475	42753	1.48%	0.187%
31	10.339	1365	1369	1370	rBV2	34434	38079	1.32%	0.166%
32	10.357	1370	1372	1375	rVB2	124404	108936	3.76%	0.476%
33	10.486	1388	1394	1401	rVB	102743	99166	3.43%	0.434%
34	10.575	1404	1409	1412	rBV	52669	69403	2.40%	0.303%
35	10.733	1432	1436	1439	rBV	1784630	1516792	52.42%	6.631%
36	10.833	1451	1453	1458	rVB	114437	122038	4.22%	0.534%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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37	10.922	1463	1468	1474	rBV9	23323	46858	1.62%	0.205%
38	11.033	1483	1487	1490	rBV3	25327	38746	1.34%	0.169%
39	11.281	1525	1529	1532	rBV2	98333	100827	3.48%	0.441%
40	11.375	1542	1545	1549	rVB3	44397	40198	1.39%	0.176%
41	11.433	1551	1555	1557	rBV	768663	685198	23.68%	2.995%
42	11.457	1557	1559	1562	rVV	645424	484048	16.73%	2.116%
43	11.504	1562	1567	1570	rVB	133877	131519	4.55%	0.575%
44	11.592	1579	1582	1587	rBV3	25077	34426	1.19%	0.151%
45	11.663	1591	1594	1599	rVV	68133	65025	2.25%	0.284%
46	11.710	1599	1602	1608	rVV2	74423	63637	2.20%	0.278%
47	11.933	1637	1640	1643	rBV2	60846	88205	3.05%	0.386%
48	11.963	1643	1645	1647	rVB	78037	58137	2.01%	0.254%
49	12.045	1655	1659	1662	rBV	100442	113655	3.93%	0.497%
50	12.116	1669	1671	1674	rBV	64857	58222	2.01%	0.255%
51	12.228	1687	1690	1693	rBV	43339	33209	1.15%	0.145%
52	12.480	1730	1733	1736	rBV	48797	60410	2.09%	0.264%
53	12.510	1736	1738	1742	rVB3	78449	82495	2.85%	0.361%
54	12.645	1758	1761	1765	rBV	546810	508338	17.57%	2.222%
55	12.880	1794	1801	1807	rBV	482384	555256	19.19%	2.427%
56	13.022	1818	1825	1828	rBV	2160768	1986662	68.66%	8.685%
57	13.092	1834	1837	1841	rBV4	32557	49772	1.72%	0.218%
58	13.204	1849	1856	1859	rVB	88354	116608	4.03%	0.510%
59	13.239	1859	1862	1864	rBV	63340	57658	1.99%	0.252%
60	13.274	1865	1868	1871	rVB	69951	63844	2.21%	0.279%
61	13.310	1871	1874	1876	rBV2	49262	47225	1.63%	0.206%
62	13.580	1918	1920	1923	rBV	49215	40725	1.41%	0.178%
63	13.922	1974	1978	1989	rVB4	130222	298913	10.33%	1.307%
64	14.080	2000	2005	2007	rBV2	574143	682956	23.60%	2.986%
65	14.104	2007	2009	2012	rVB	171066	128254	4.43%	0.561%
66	14.227	2028	2030	2034	rVB2	57794	45087	1.56%	0.197%
67	14.533	2080	2082	2084	rBV	54256	41416	1.43%	0.181%
68	15.133	2181	2184	2187	rBV	105089	136960	4.73%	0.599%
69	15.516	2246	2249	2253	rVB	73920	86319	2.98%	0.377%
70	15.580	2256	2260	2267	rVB	320505	444275	15.35%	1.942%

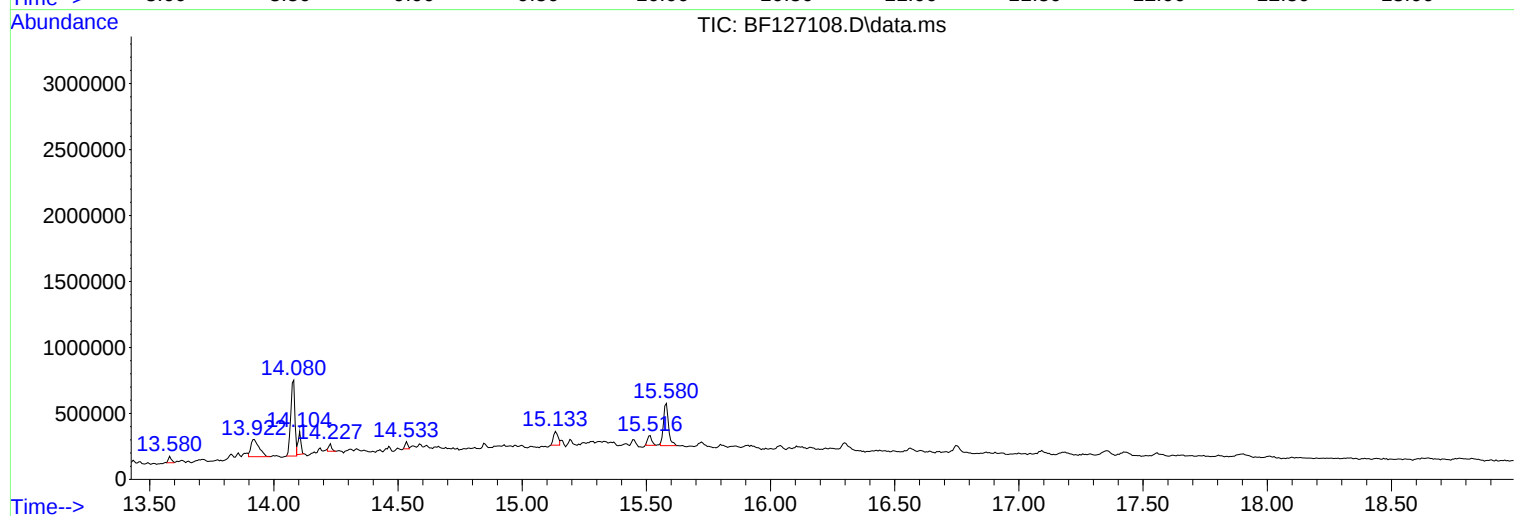
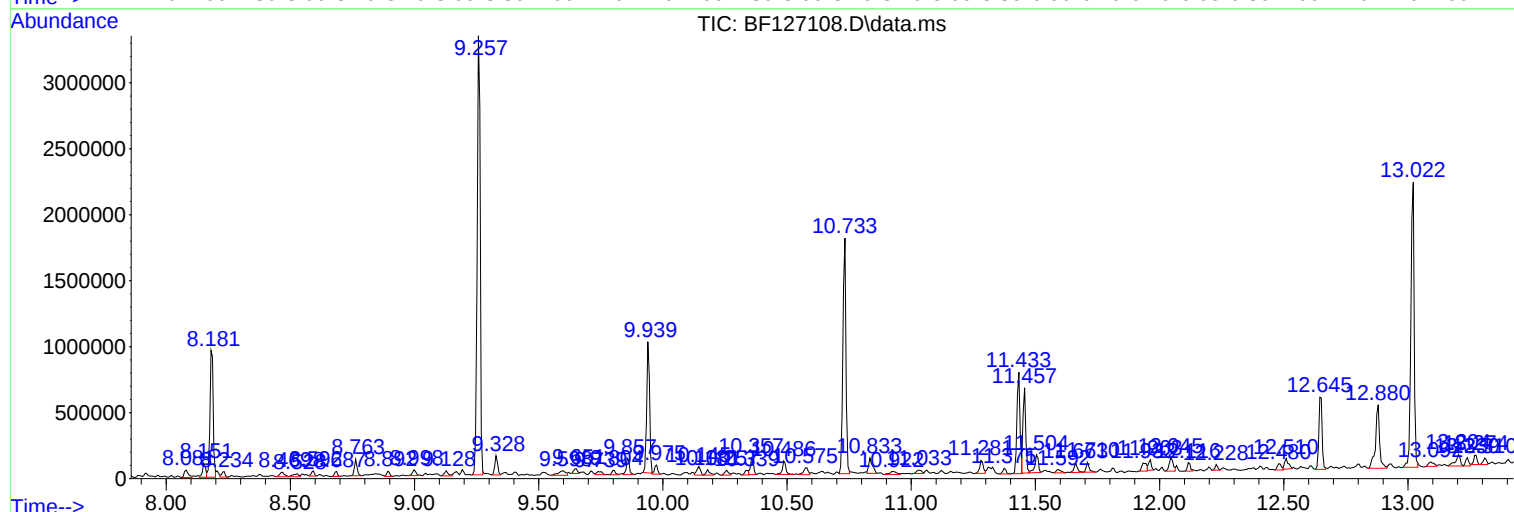
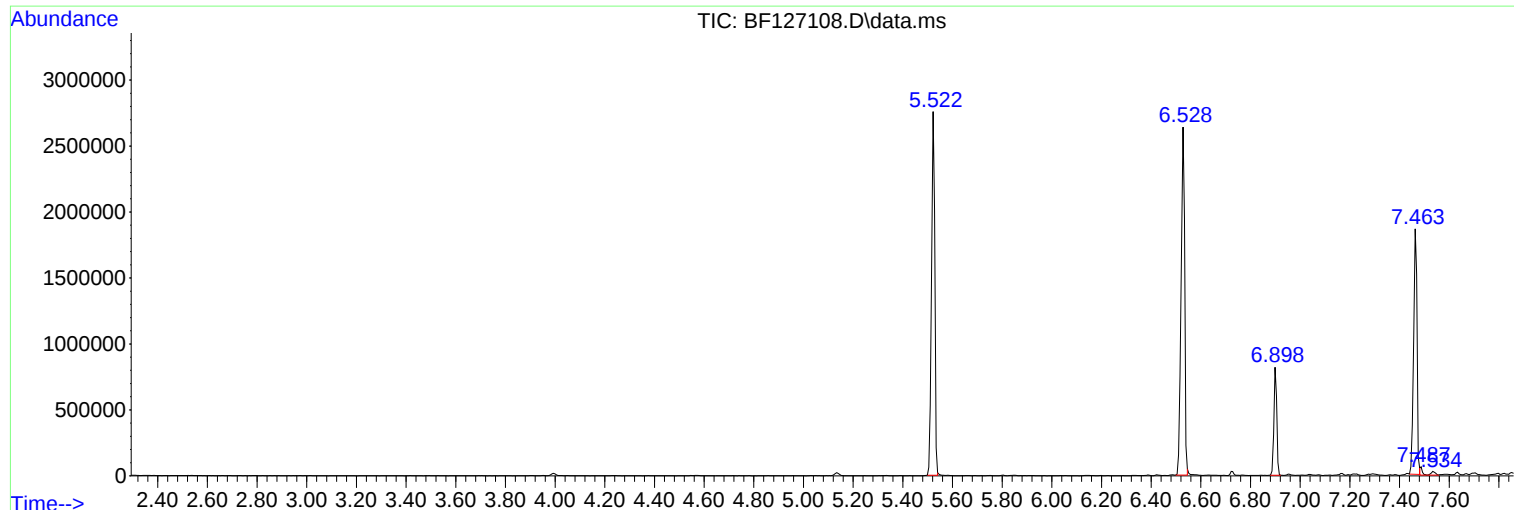
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ClientSampleId :
OK-02-022522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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Data File : BF127108.D
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Instrument :
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ClientSampleId :
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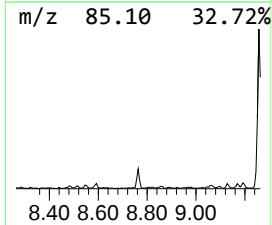
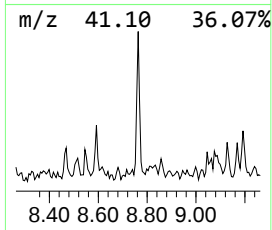
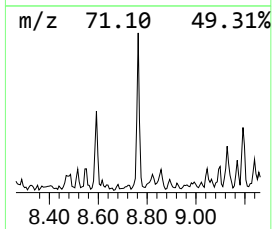
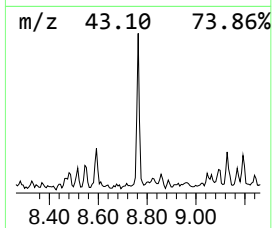
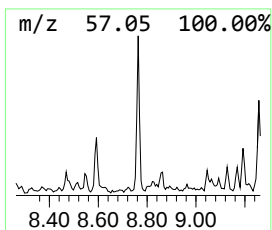
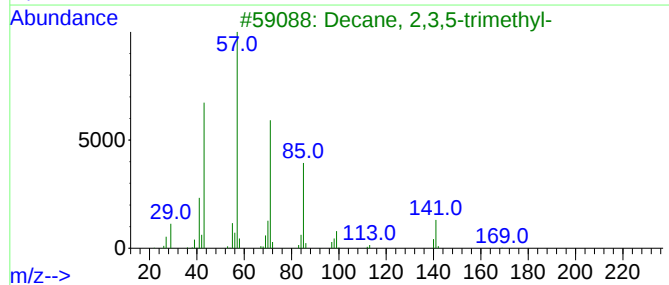
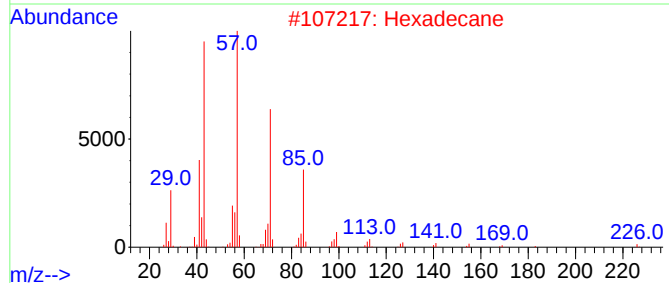
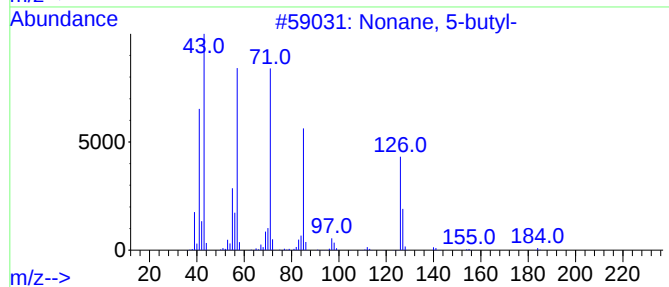
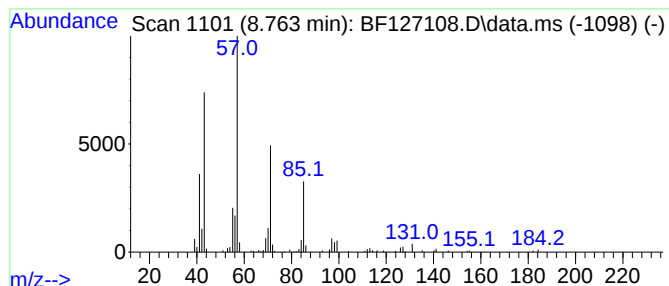
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	2.16 ng	94204	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-butyl-	184	C13H28	017312-63-9	81
2			Hexadecane	226	C16H34	000544-76-3	80
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Tridecane	184	C13H28	000629-50-5	76
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68



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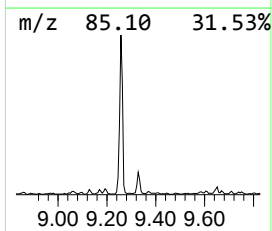
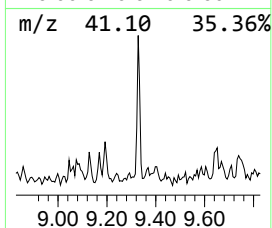
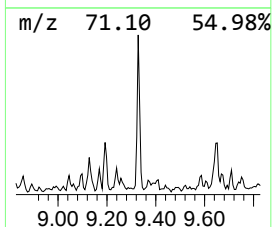
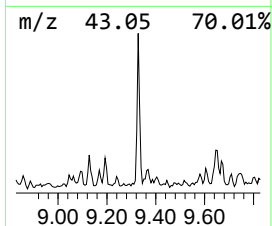
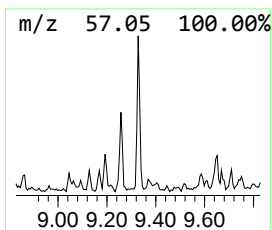
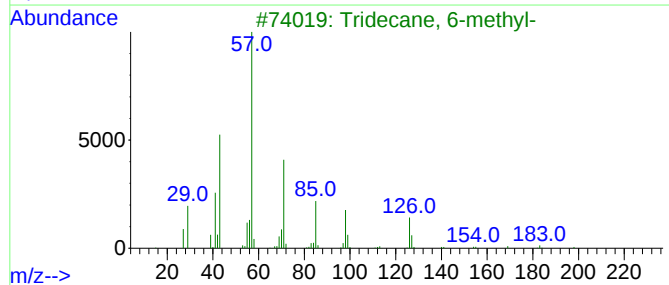
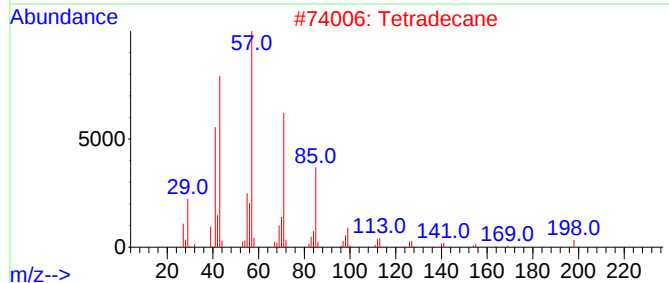
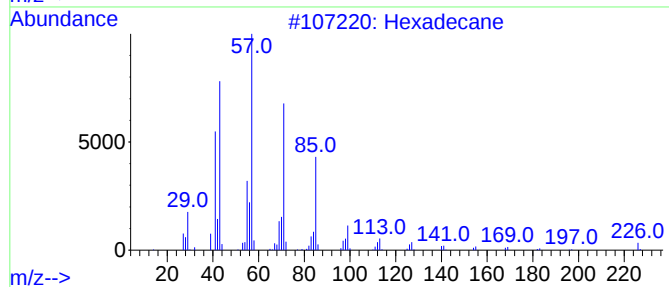
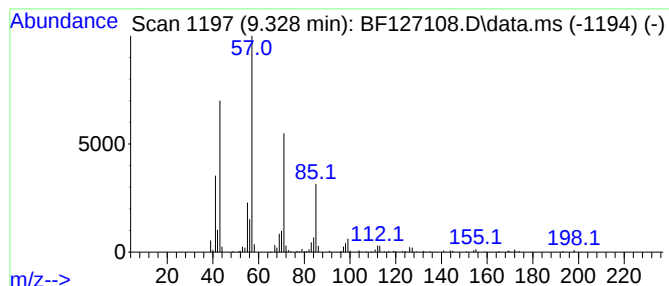
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	2.82 ng	113207	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Tridecane	184	C13H28	000629-50-5	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



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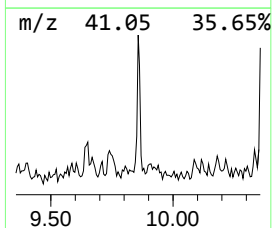
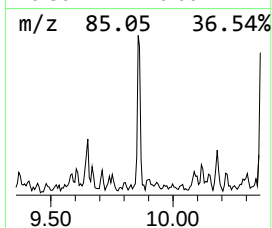
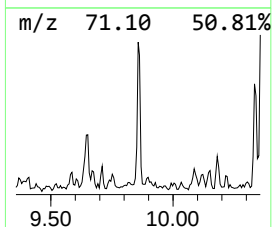
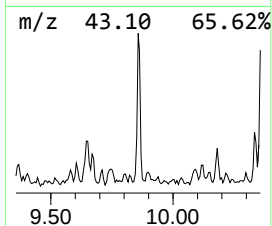
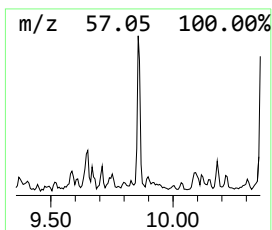
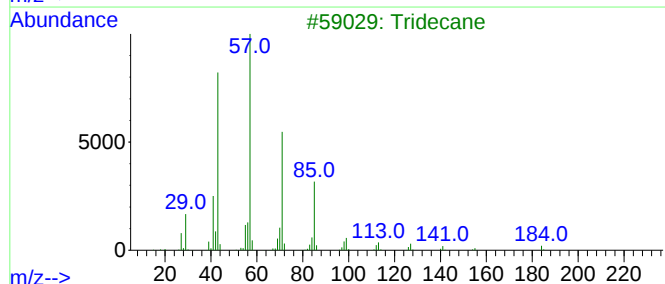
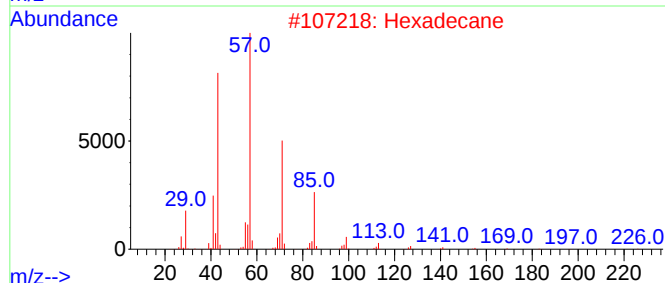
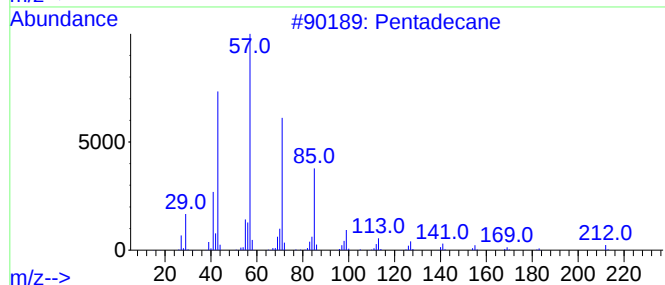
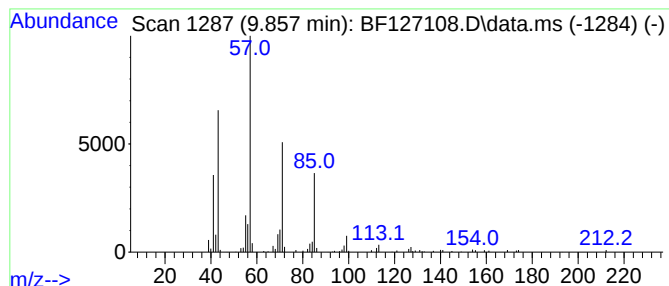
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	2.77 ng	111054	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	90
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Heptadecane	240	C17H36	000629-78-7	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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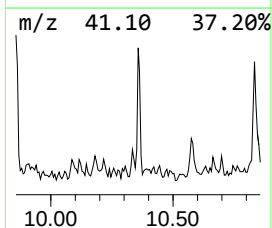
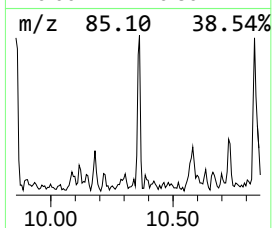
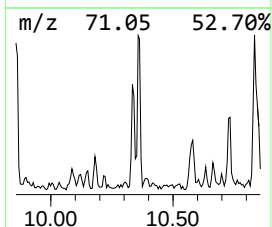
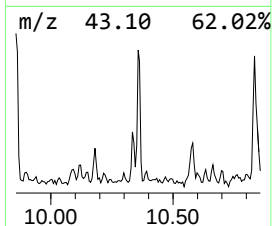
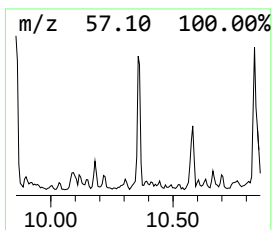
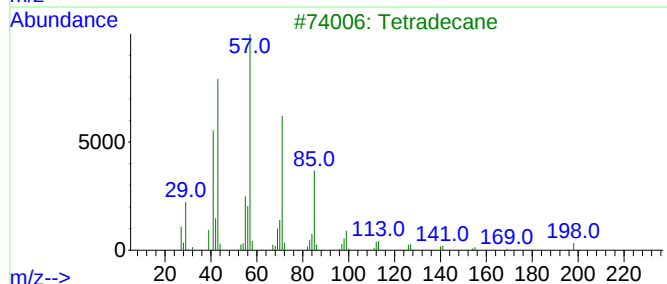
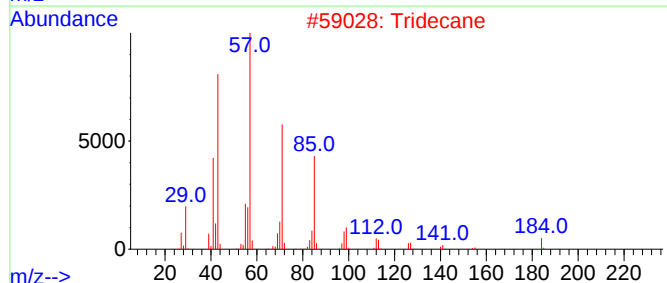
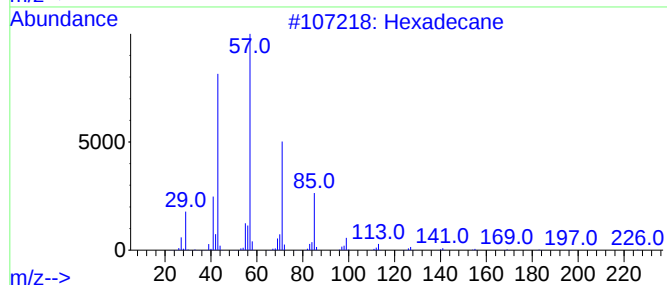
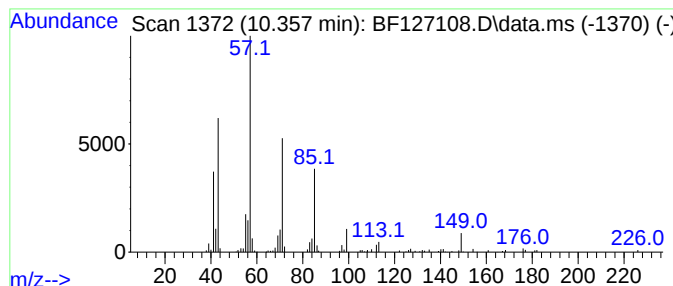
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	2.71 ng	108936	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Nonadecane	268	C19H40	000629-92-5	86
5			Tetratetracontane	619	C44H90	007098-22-8	78



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Acq On : 28 Feb 2022 19:10
Operator : CG\JU
Sample : N1678-01
Misc :
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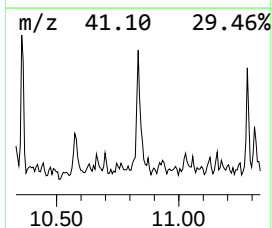
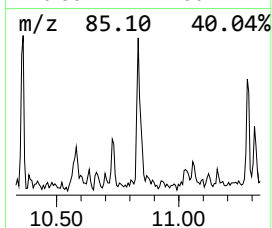
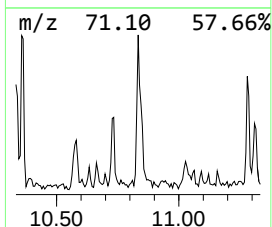
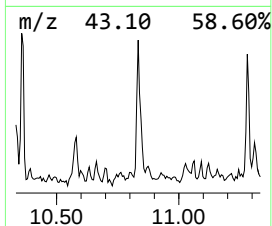
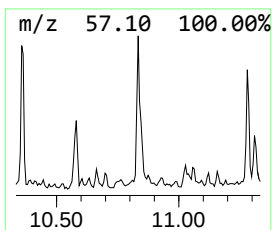
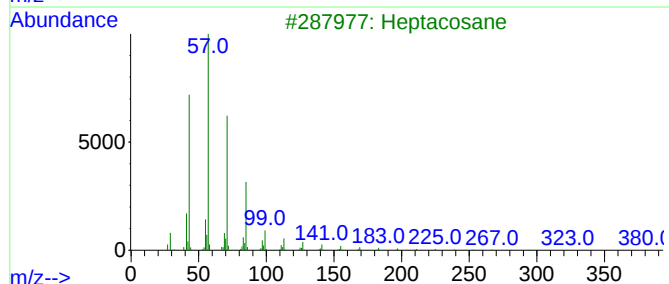
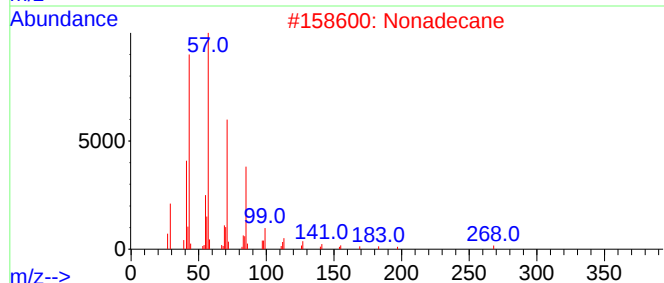
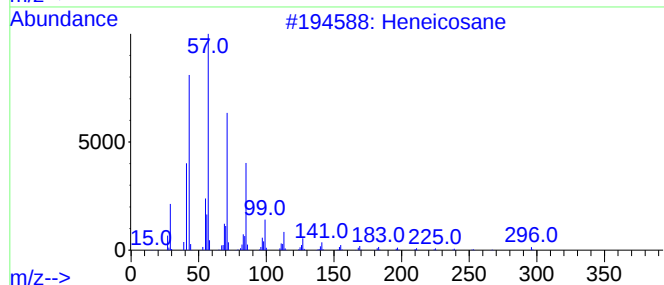
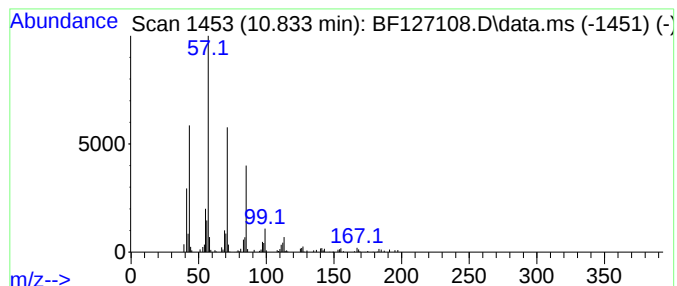
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.834	3.56 ng	122038	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Nonadecane		268	C19H40	000629-92-5	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127108.D
Acq On : 28 Feb 2022 19:10
Operator : CG\JU
Sample : N1678-01
Misc :
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Instrument :
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ClientSampleId :
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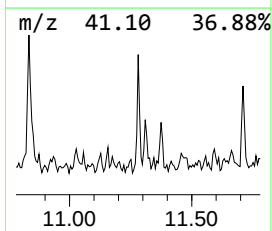
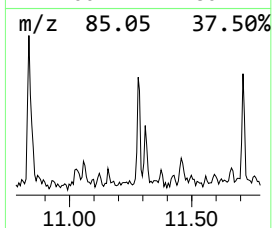
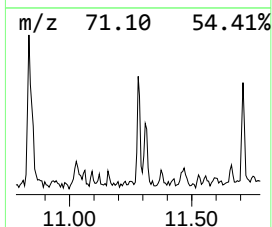
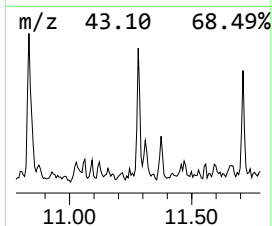
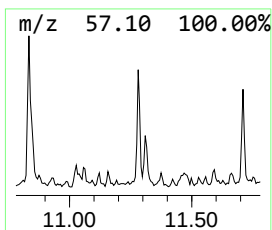
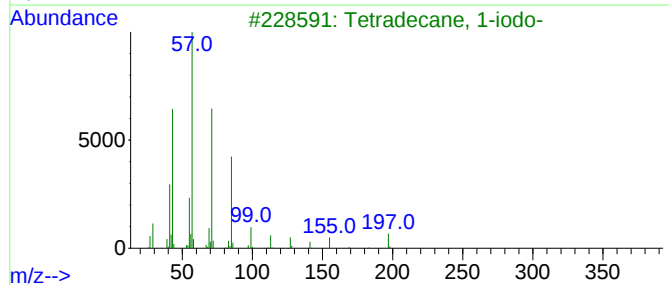
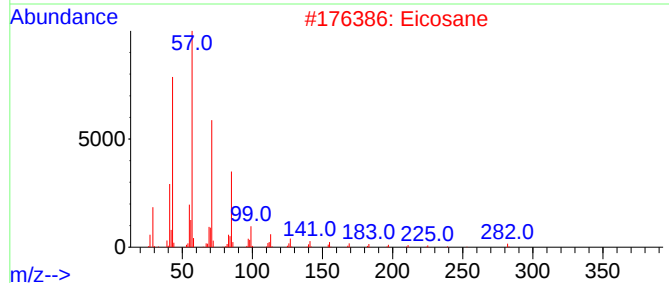
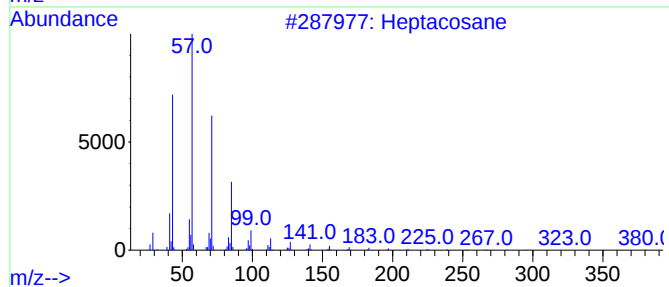
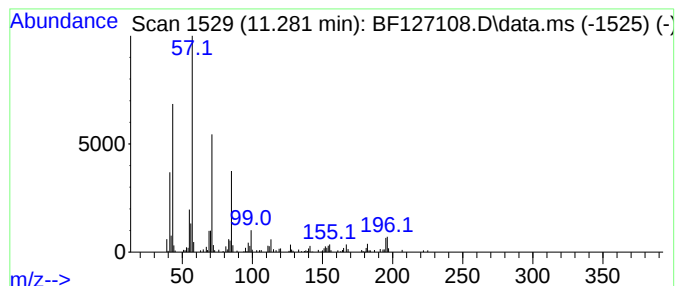
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	2.94 ng	100827	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	74
2			Eicosane	282	C20H42	000112-95-8	74
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127108.D
Acq On : 28 Feb 2022 19:10
Operator : CG\JU
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Misc :
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Instrument :
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ClientSampleId :
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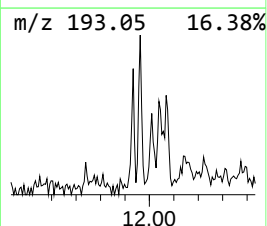
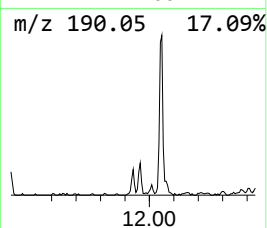
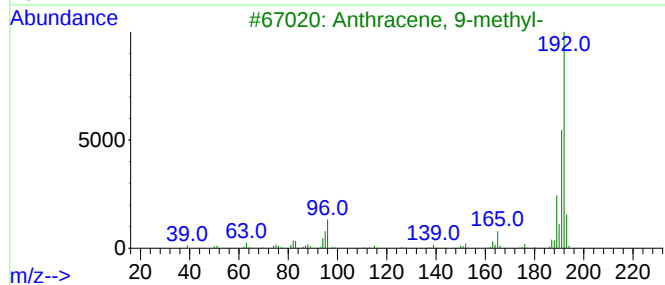
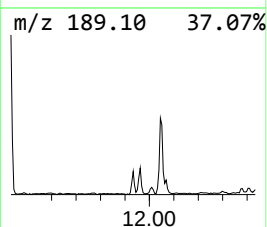
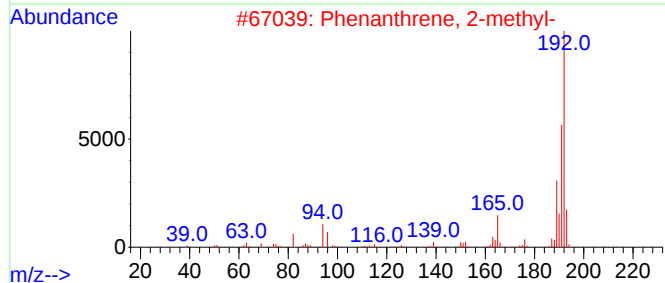
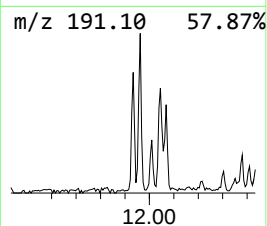
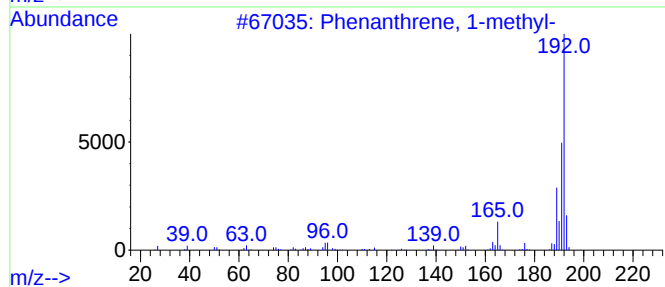
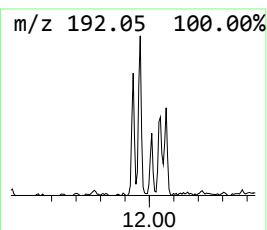
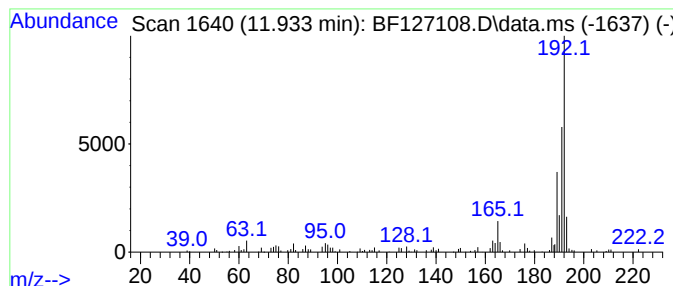
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.57 ng	88205	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127108.D
Acq On : 28 Feb 2022 19:10
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Instrument :
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ClientSampleId :
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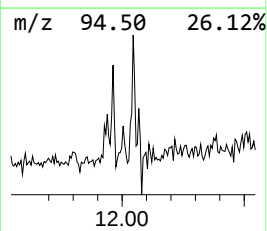
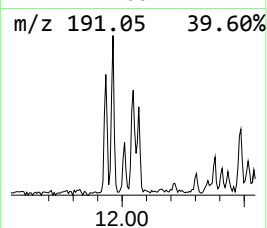
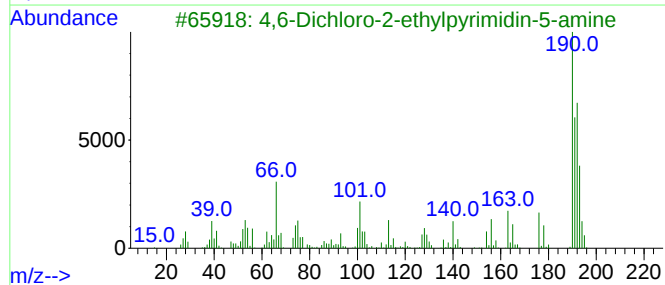
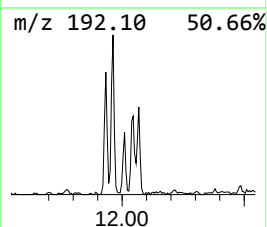
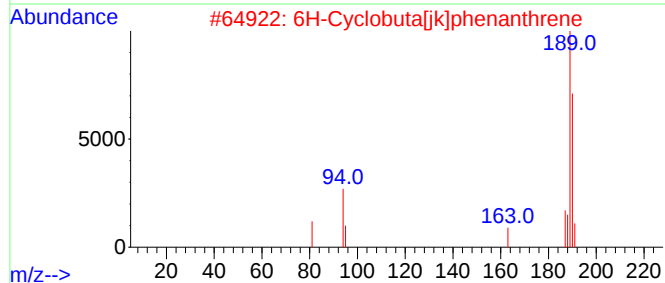
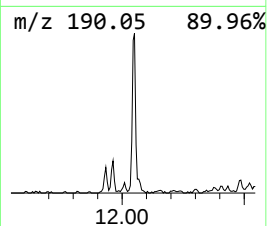
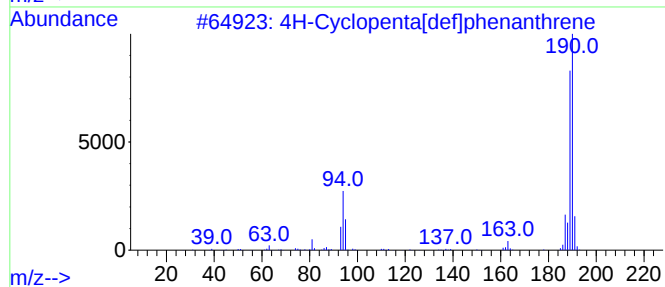
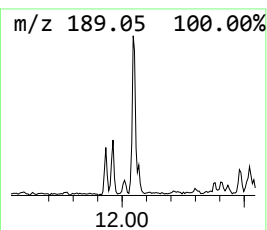
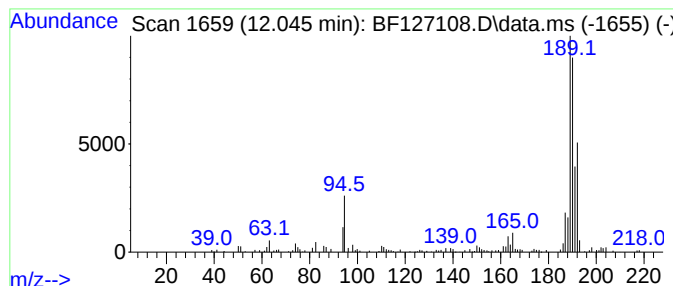
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	3.32 ng	113655	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3			4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5			Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
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Misc :
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Instrument :
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ClientSampleId :
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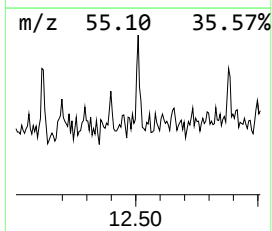
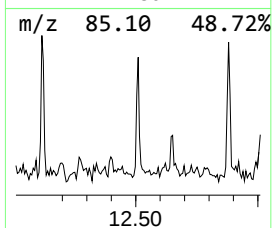
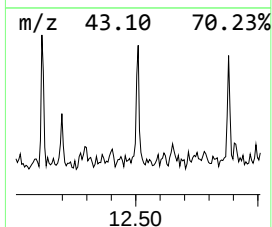
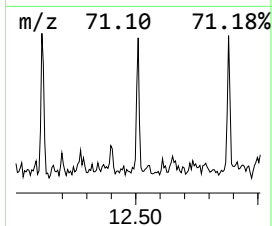
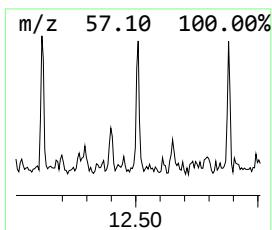
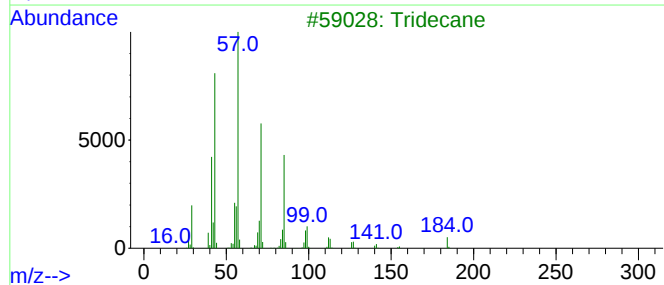
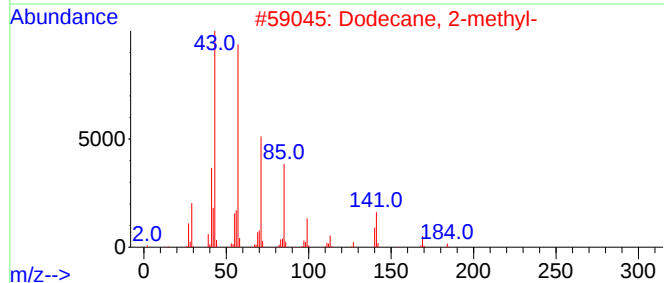
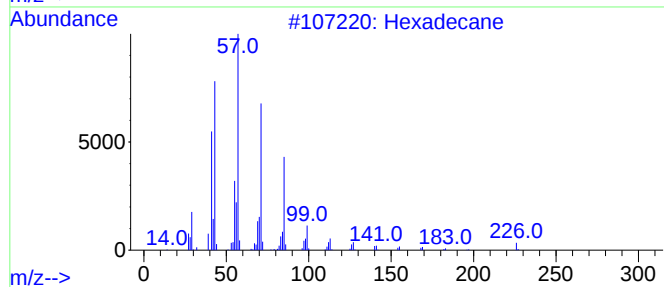
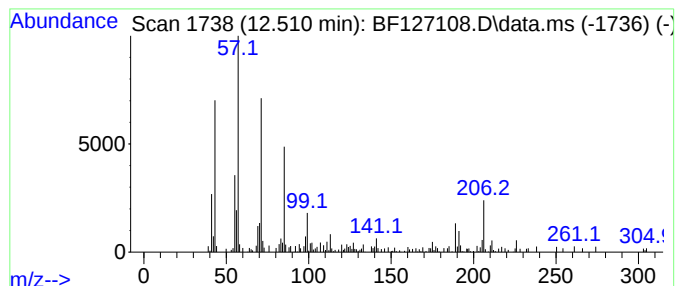
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.41 ng	82495	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	89
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
3			Tridecane	184	C13H28	000629-50-5	68
4			Heneicosane	296	C21H44	000629-94-7	64
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127108.D
Acq On : 28 Feb 2022 19:10
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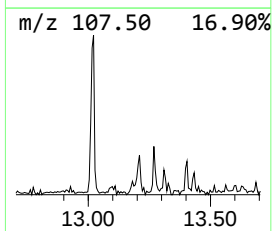
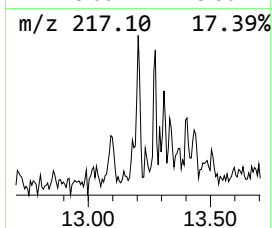
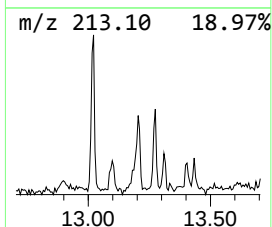
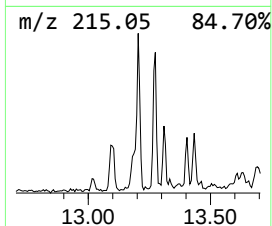
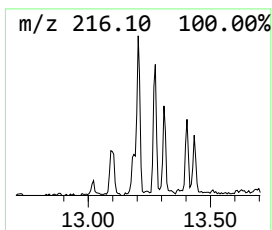
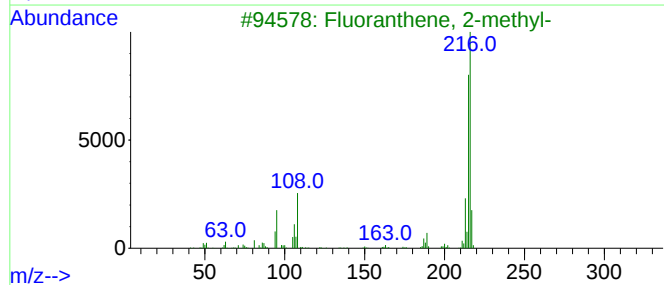
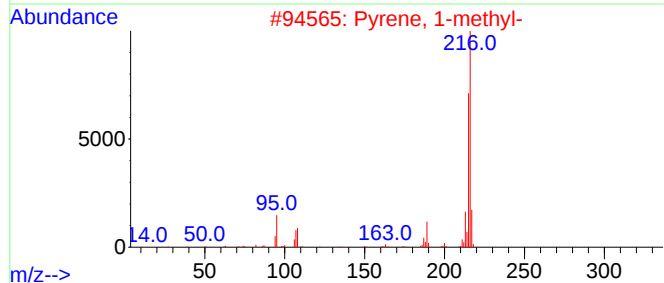
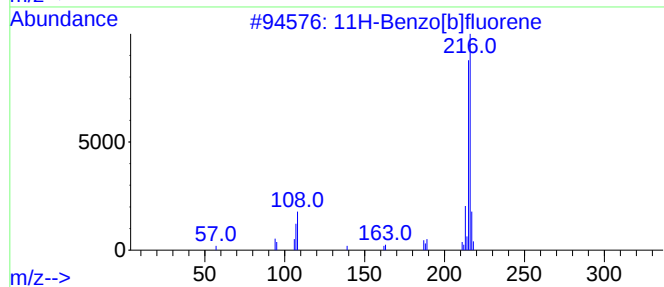
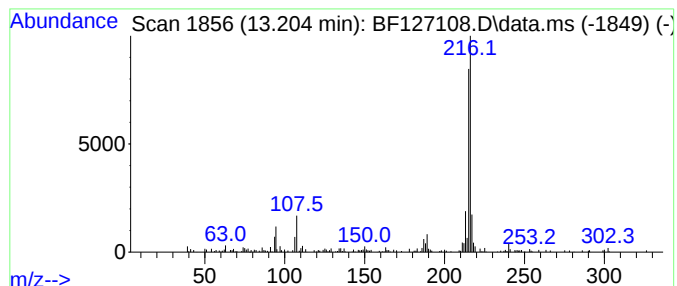
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.41 ng	116608	Chrysene-d12	14.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127108.D
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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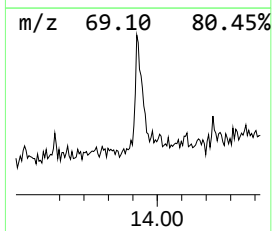
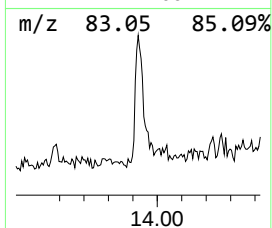
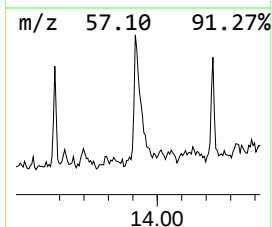
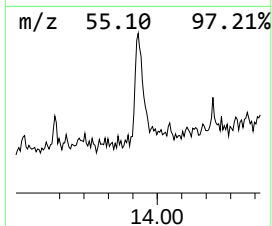
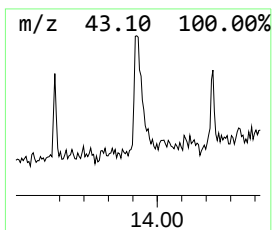
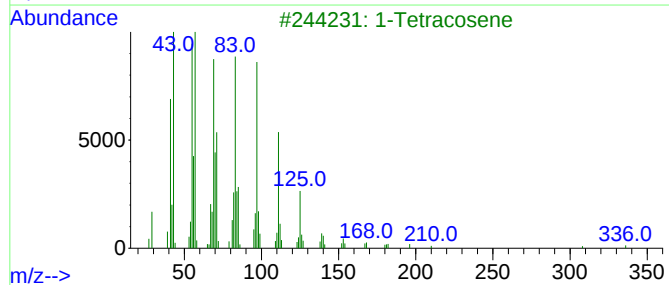
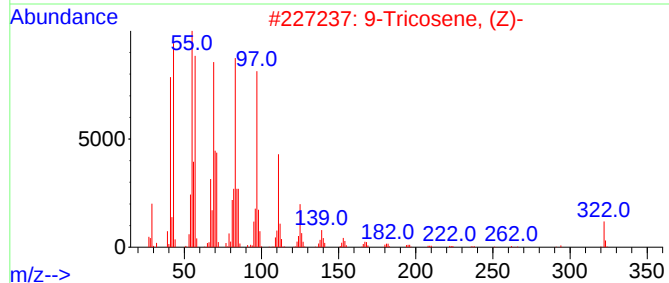
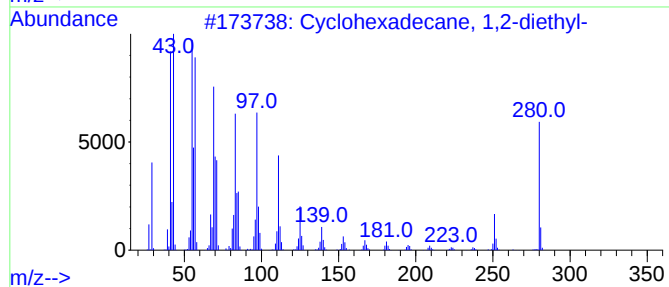
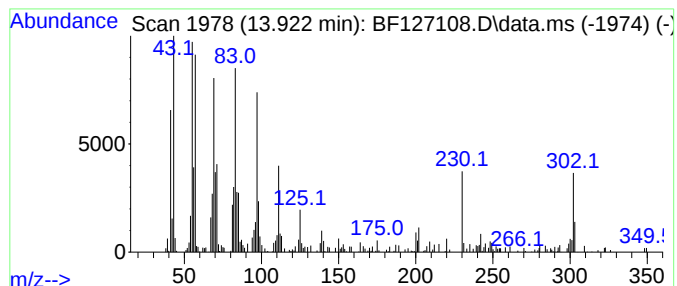
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexadecane, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	8.75 ng	298913	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	99
2			9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3			1-Tetracosene	336	C24H48	010192-32-2	93
4			1-Nonadecene	266	C19H38	018435-45-5	92
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127108.D
Acq On : 28 Feb 2022 19:10
Operator : CG\JU
Sample : N1678-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-022522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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
Nonane, 5-butyl-	8.763	2.2	ng	94204	2	8.181	872963	20.0
Hexadecane	9.328	2.8	ng	113207	3	9.939	803069	20.0
Pentadecane	9.857	2.8	ng	111054	3	9.939	803069	20.0
Tridecane	10.357	2.7	ng	108936	3	9.939	803069	20.0
Heneicosane	10.834	3.6	ng	122038	4	11.433	685198	20.0
Heptacosane	11.281	2.9	ng	100827	4	11.433	685198	20.0
Phenanthrene, 1...	11.933	2.6	ng	88205	4	11.433	685198	20.0
4H-Cyclopenta[d]...	12.045	3.3	ng	113655	4	11.433	685198	20.0
Dodecane, 2-met...	12.510	2.4	ng	82495	4	11.433	685198	20.0
11H-Benzo[b]flu...	13.204	3.4	ng	116608	5	14.080	682956	20.0
Cyclohexadecane...	13.922	8.8	ng	298913	5	14.080	682956	20.0