

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133376.D
 Acq On : 12 May 2023 18:51
 Operator : CG\JU
 Sample : 02757-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133376.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.240	361	366	374	rBV	162387	203626	3.30%	0.286%
2	4.893	473	477	490	rVB	840601	948257	15.38%	1.331%
3	5.328	548	551	563	rBV	2512076	2568070	41.66%	3.604%
4	6.363	723	727	743	rBV	2950133	2636142	42.76%	3.699%
5	6.722	784	788	791	rBV	1571347	1258339	20.41%	1.766%
6	7.281	880	883	887	rBV	1742101	1528385	24.79%	2.145%
7	8.004	1002	1006	1009	rBV	2052749	1654461	26.84%	2.322%
8	9.034	1178	1181	1184	rVB	236860	211264	3.43%	0.296%
9	9.081	1185	1189	1192	rBV	3672987	2791102	45.28%	3.917%
10	9.169	1199	1204	1208	rBV5	186346	306456	4.97%	0.430%
11	9.392	1238	1242	1243	rBV3	72189	96148	1.56%	0.135%
12	9.416	1244	1246	1249	rVV3	117268	131011	2.13%	0.184%
13	9.463	1252	1254	1256	rVV2	260762	227931	3.70%	0.320%
14	9.486	1256	1258	1260	rVV	609683	417192	6.77%	0.585%
15	9.510	1260	1262	1266	rVV3	117688	139070	2.26%	0.195%
16	9.592	1274	1276	1278	rVB	92653	65573	1.06%	0.092%
17	9.622	1278	1281	1286	rBV5	238960	404253	6.56%	0.567%
18	9.669	1286	1289	1292	rVB	504812	373069	6.05%	0.524%
19	9.704	1292	1295	1298	rBV3	153814	213649	3.47%	0.300%
20	9.739	1298	1301	1302	rBV2	383201	418886	6.80%	0.588%
21	9.757	1302	1304	1307	rVB2	2129200	1732295	28.10%	2.431%
22	9.792	1307	1310	1313	rBV3	218405	295608	4.80%	0.415%
23	9.869	1320	1323	1326	rBV4	200368	215954	3.50%	0.303%
24	9.922	1326	1332	1334	rBV4	303468	500049	8.11%	0.702%
25	9.957	1336	1338	1341	rVV2	331932	323455	5.25%	0.454%
26	10.022	1346	1349	1351	rBV2	608044	524130	8.50%	0.736%
27	10.081	1356	1359	1360	rBV2	281230	314072	5.09%	0.441%
28	10.128	1364	1367	1371	rBV3	346018	596637	9.68%	0.837%
29	10.163	1371	1373	1376	rBV2	514426	488821	7.93%	0.686%
30	10.222	1381	1383	1386	rBV2	279065	324155	5.26%	0.455%
31	10.298	1393	1396	1397	rBV2	465709	441096	7.16%	0.619%
32	10.422	1413	1417	1420	rBV	2756750	2752469	44.65%	3.863%
33	10.469	1422	1425	1429	rVB2	586211	605750	9.83%	0.850%
34	10.545	1434	1438	1441	rVV2	1008177	1255790	20.37%	1.762%
35	10.686	1457	1462	1469	rBV	4542073	6164608	100.00%	8.651%
36	11.151	1538	1541	1548	rVB	4218709	4844314	78.58%	6.798%

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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-BF042123.M
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37	11.245	1554	1557	1559	rBV	1309435	1268756	20.58%	1.781%
38	11.269	1559	1561	1564	rVV	2065170	1843252	29.90%	2.587%
39	11.322	1568	1570	1573	rVB	771775	602522	9.77%	0.846%
40	11.498	1598	1600	1603	rBV	1144787	1043114	16.92%	1.464%
41	11.863	1659	1662	1669	rVB3	794816	1248656	20.26%	1.752%
42	12.233	1722	1725	1730	rVB	690306	853335	13.84%	1.198%
43	12.463	1759	1764	1770	rVB	3829238	4076114	66.12%	5.720%
44	12.686	1797	1802	1805	rBV	3546074	3681467	59.72%	5.166%
45	12.827	1823	1826	1834	rVB	2884949	2858706	46.37%	4.012%
46	13.010	1855	1857	1860	rVB	644244	624181	10.13%	0.876%
47	13.074	1866	1868	1871	rVB	444377	388009	6.29%	0.545%
48	13.116	1872	1875	1878	rVV3	307467	334106	5.42%	0.469%
49	13.627	1960	1962	1964	rBV2	266829	223251	3.62%	0.313%
50	13.657	1964	1967	1969	rVV2	267936	248384	4.03%	0.349%
51	13.680	1969	1971	1975	rVV2	242451	307372	4.99%	0.431%
52	13.727	1977	1979	1986	rVB2	365998	447393	7.26%	0.628%
53	13.874	2000	2004	2007	rBV2	2264008	3164630	51.34%	4.441%
54	13.910	2007	2010	2017	rVB	1775967	1817317	29.48%	2.550%
55	13.986	2020	2023	2026	rVB	451699	349475	5.67%	0.490%
56	14.268	2068	2071	2073	rVB	255668	247106	4.01%	0.347%
57	14.386	2089	2091	2093	rBV	148893	140296	2.28%	0.197%
58	14.898	2174	2178	2181	rBV	1342065	1981746	32.15%	2.781%
59	14.998	2193	2195	2198	rVB	284458	259249	4.21%	0.364%
60	15.186	2223	2227	2232	rVB	788253	1003847	16.28%	1.409%
61	15.245	2233	2237	2242	rVV	1183881	1330390	21.58%	1.867%
62	15.304	2243	2247	2249	rVV	711086	861068	13.97%	1.208%
63	15.333	2249	2252	2258	rVB	428821	555017	9.00%	0.779%
64	16.686	2477	2482	2490	rVB2	471233	877834	14.24%	1.232%
65	17.104	2548	2553	2565	rVB	321424	648298	10.52%	0.910%

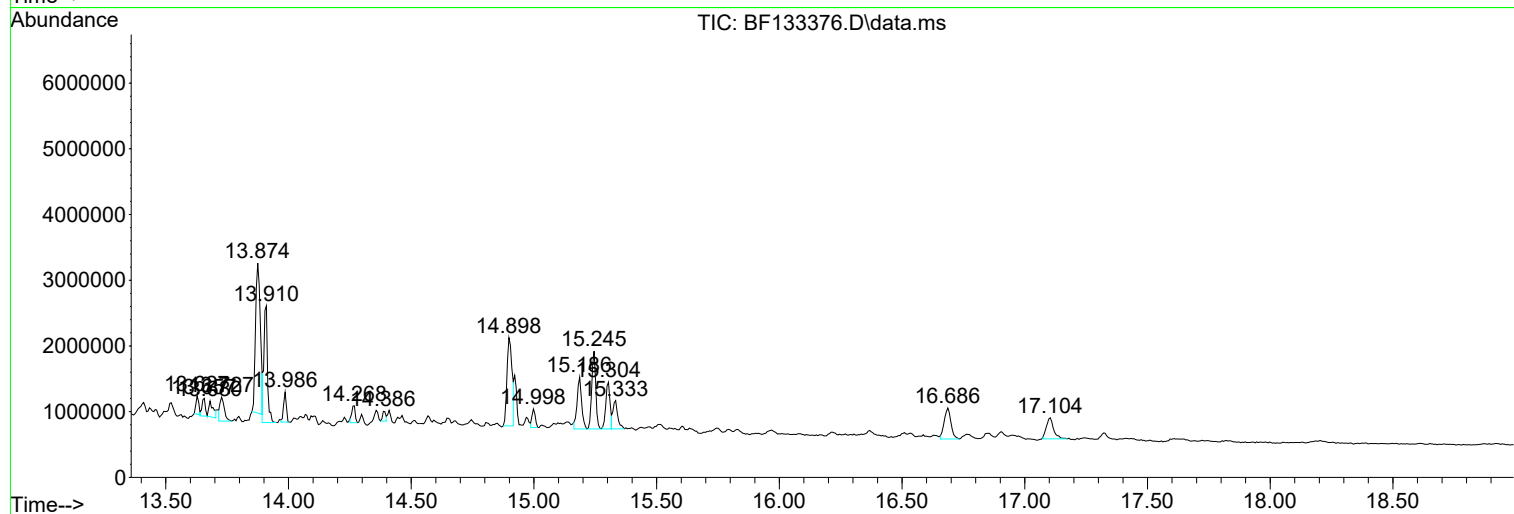
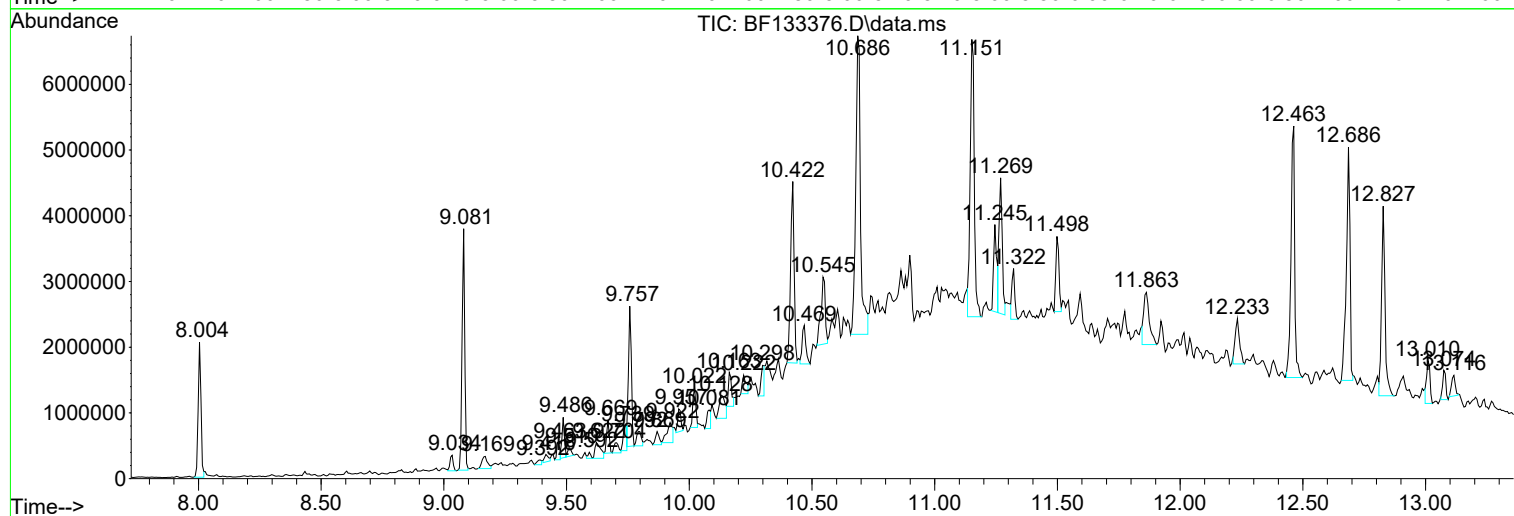
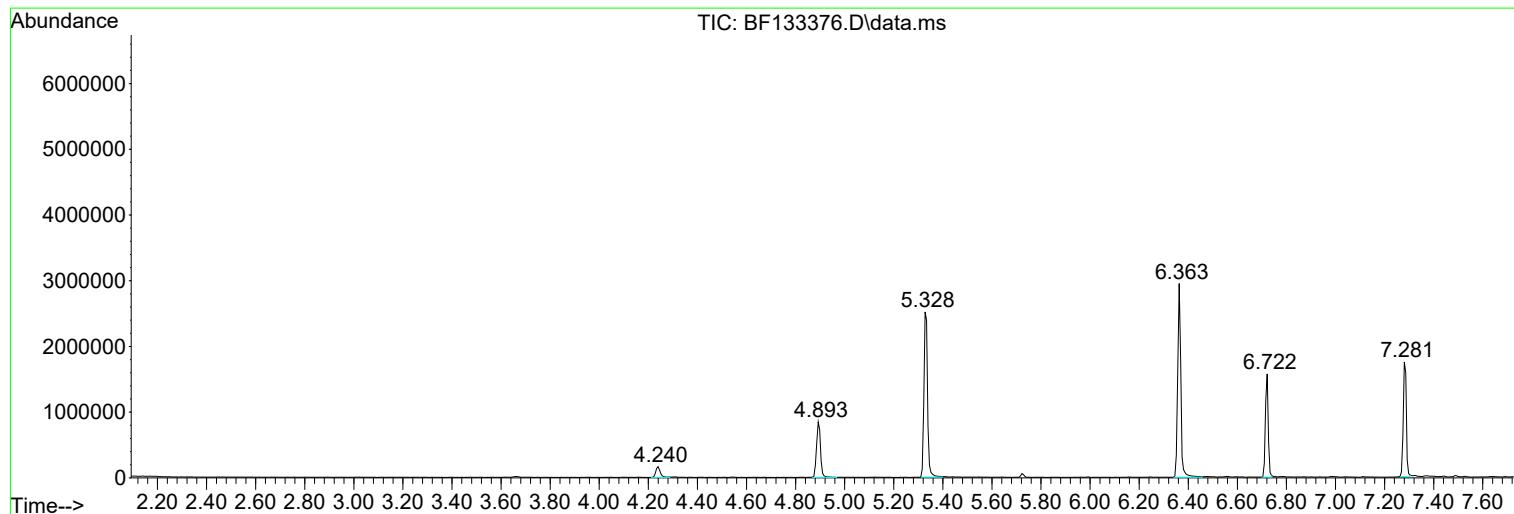
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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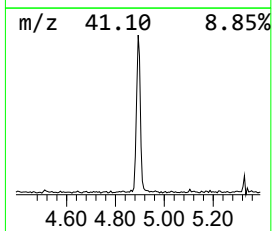
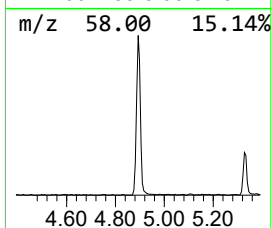
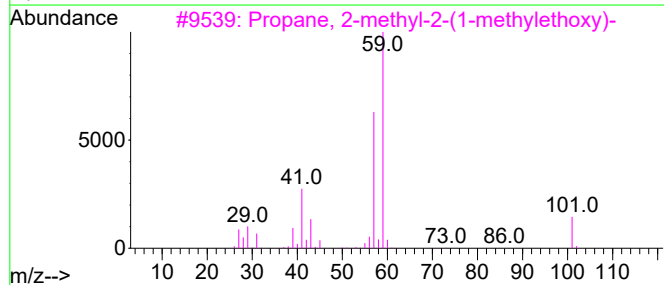
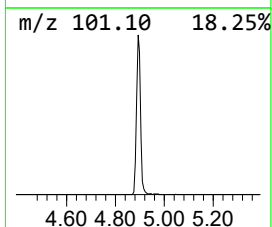
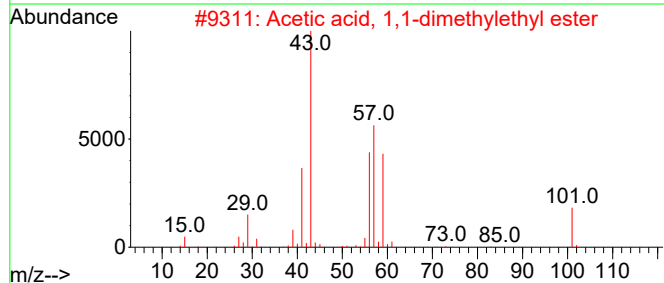
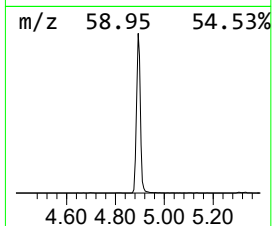
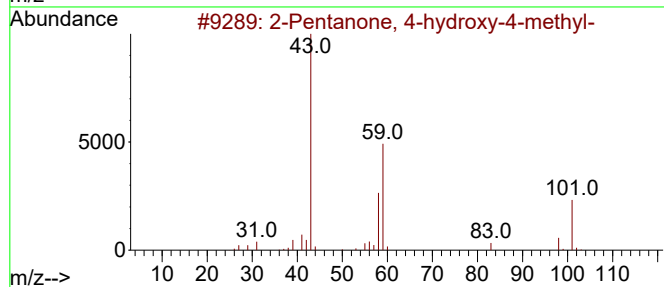
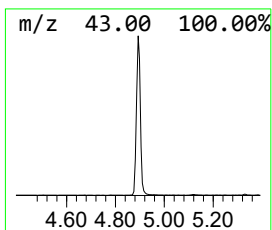
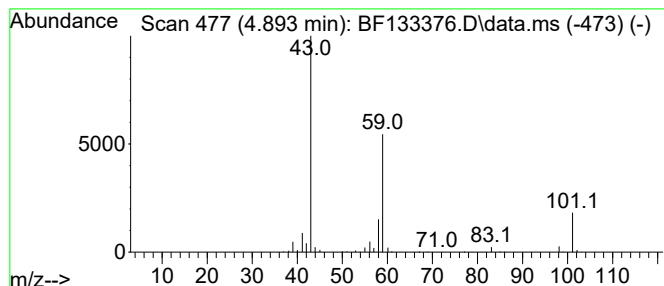
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	15.07 ng	948257	1,4-Dichlorobenzene-d4	6.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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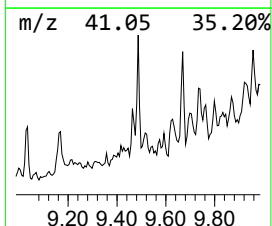
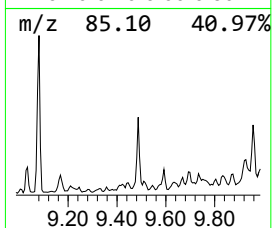
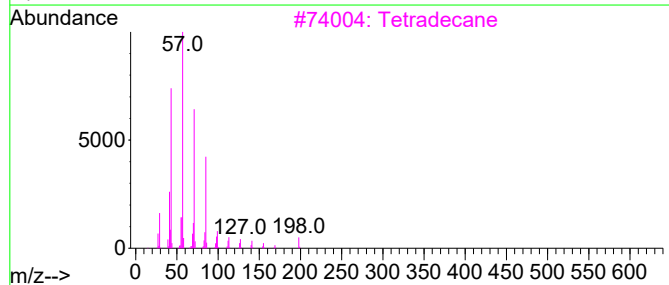
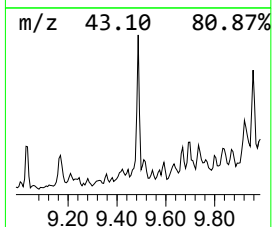
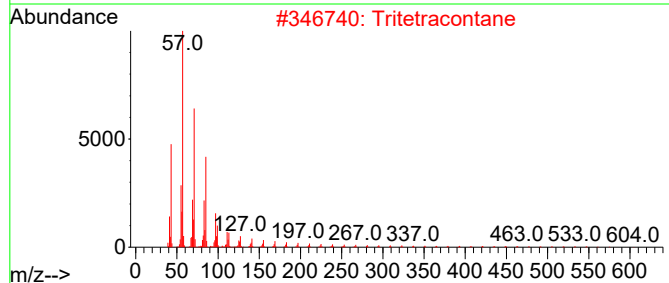
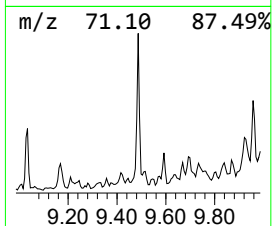
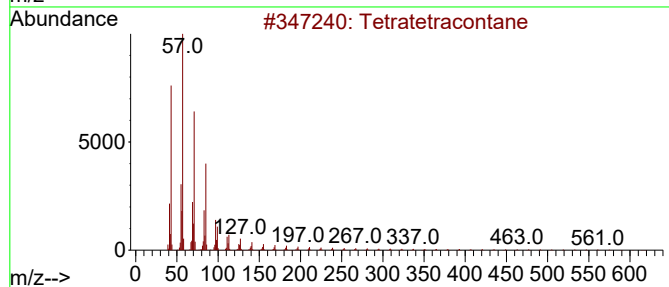
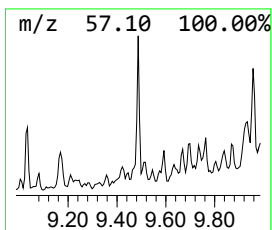
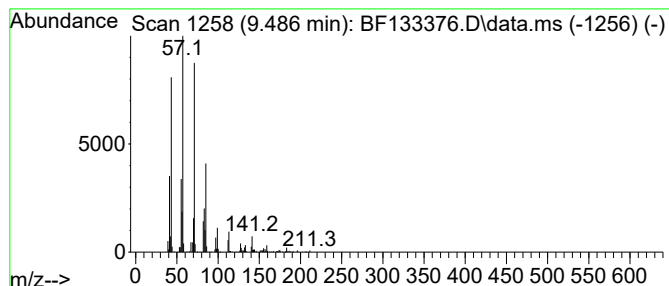
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	4.82 ng	417192	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Tritetracontane	605	C43H88	007098-21-7	90
3			Tetradecane	198	C14H30	000629-59-4	86
4			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
5			Decane, 5-propyl-	184	C13H28	017312-62-8	81



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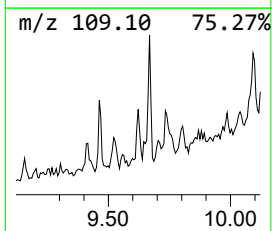
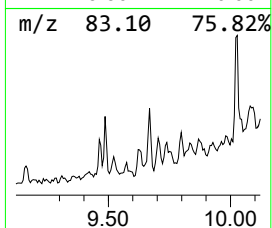
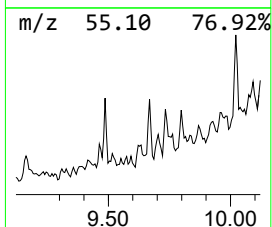
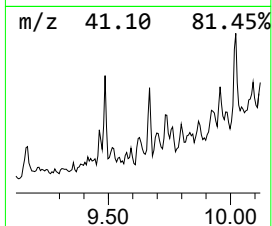
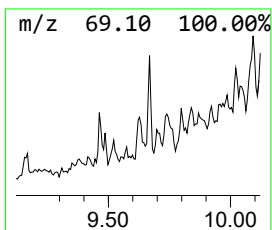
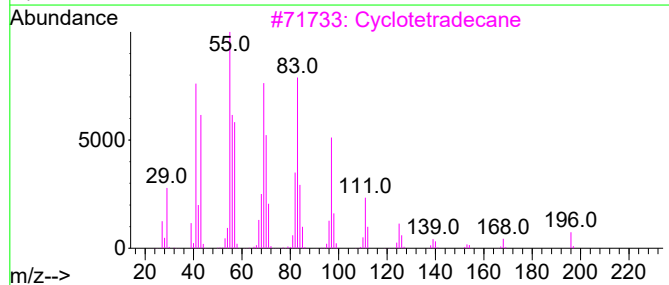
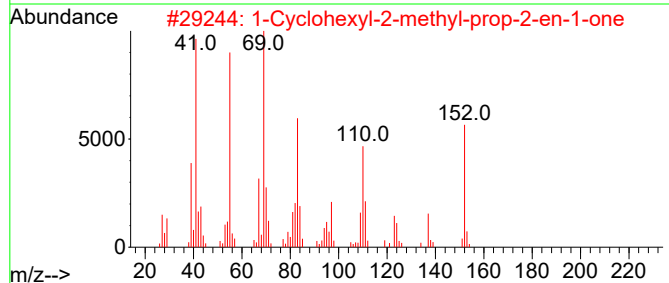
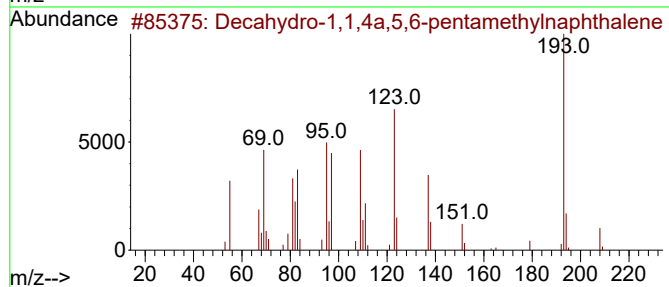
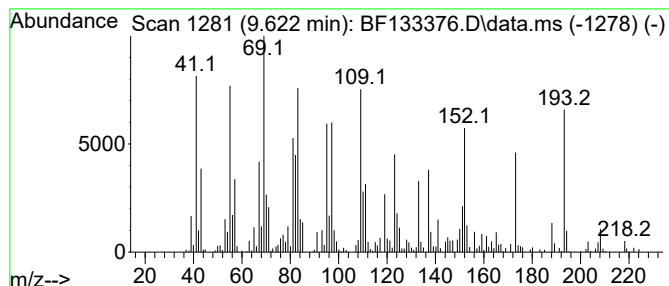
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	4.67 ng	404253	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	50
2			1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	46
3			Cyclotetradecane	196	C14H28	000295-17-0	27
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
5			Camphor	152	C10H16O	000076-22-2	27



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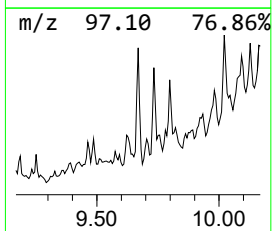
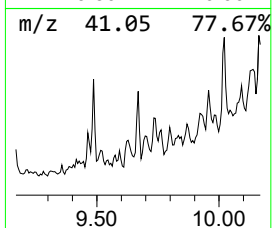
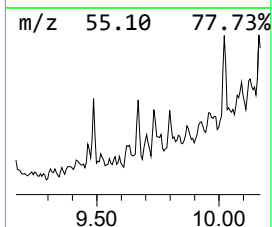
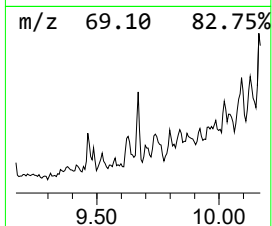
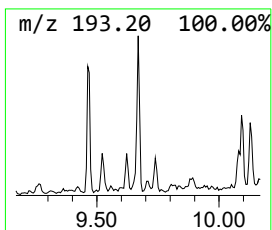
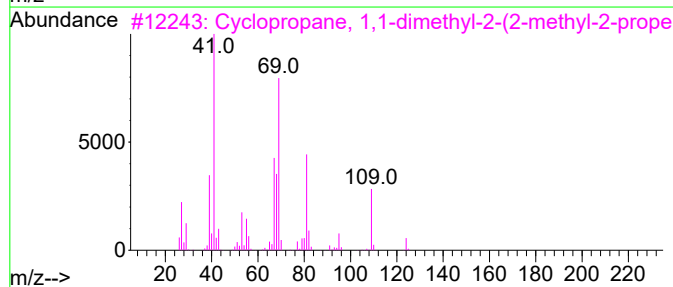
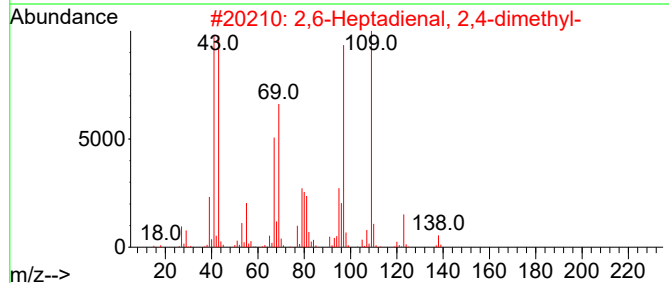
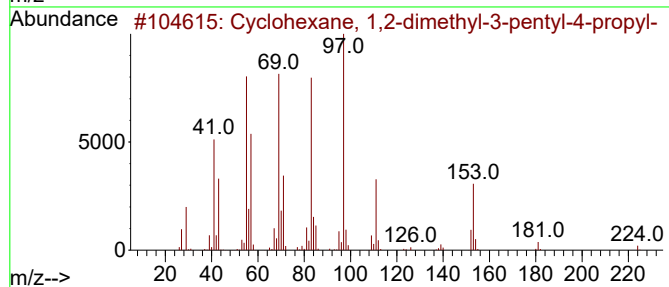
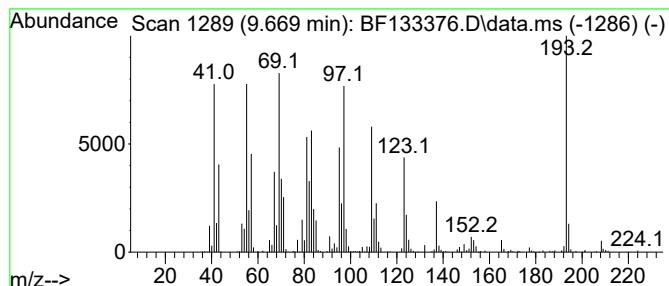
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown9.669 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	4.31 ng	373069	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	30
2			2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
3			Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	20
4			Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	18
5			4-Methylcyclohexaneacetic acid (...)	156	C9H16O2	1000453-59-2	15



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Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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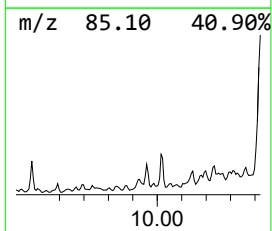
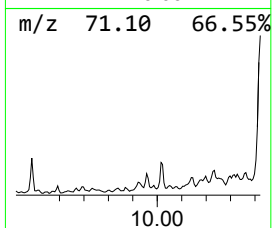
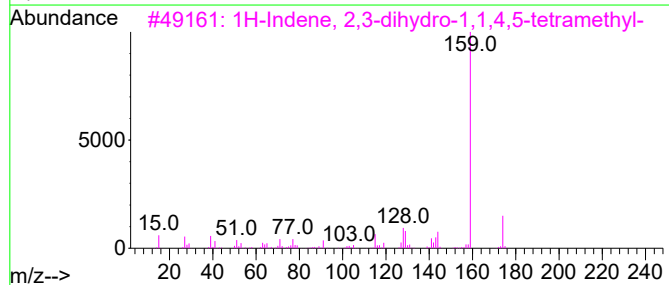
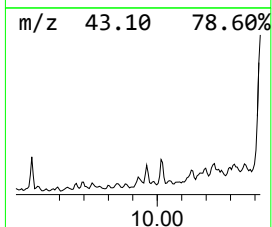
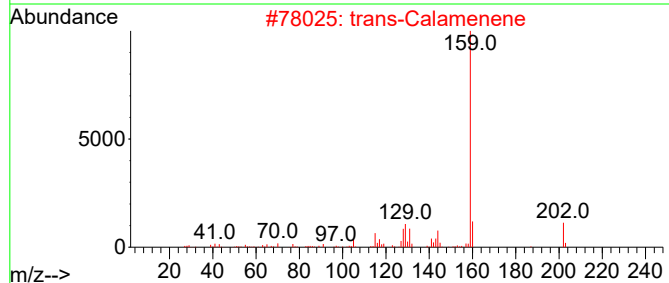
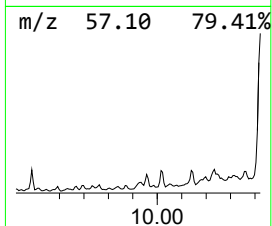
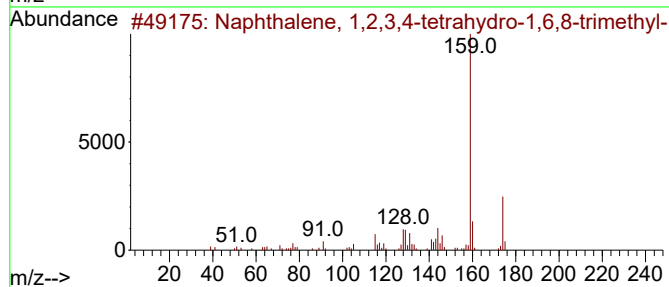
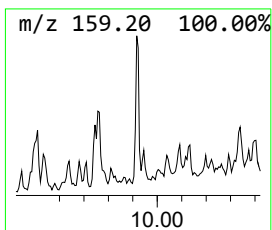
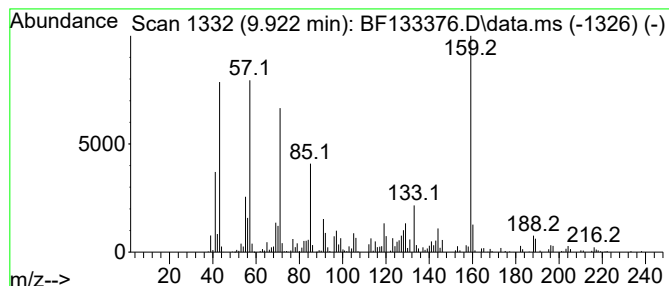
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.922 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	5.77 ng	500049	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	43
2			trans-Calamenene	202	C15H22	073209-42-4	43
3			1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	38
4			4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	35
5			Heneicosane	296	C21H44	000629-94-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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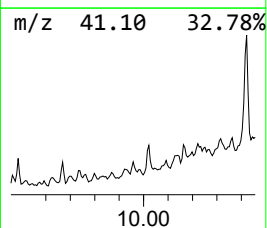
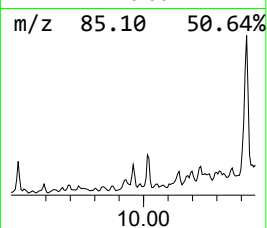
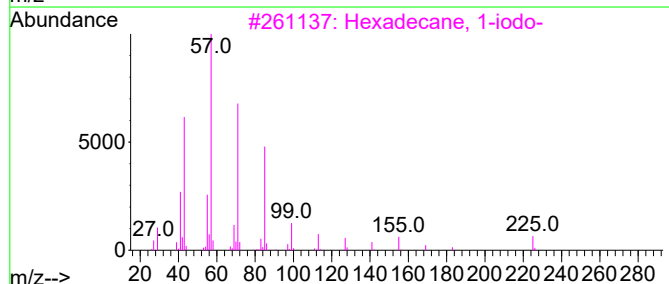
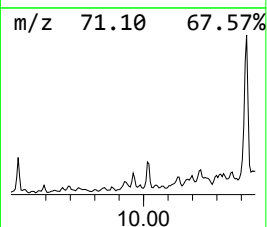
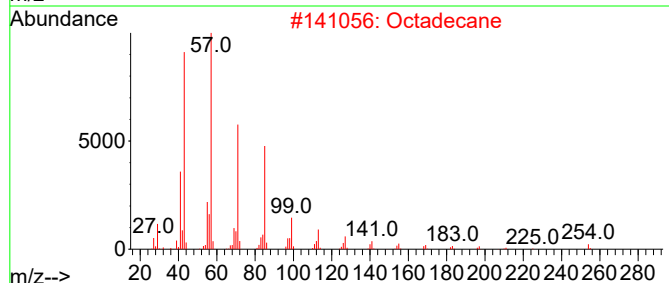
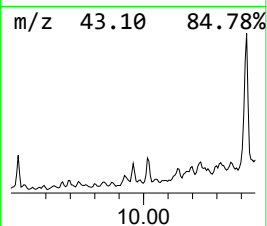
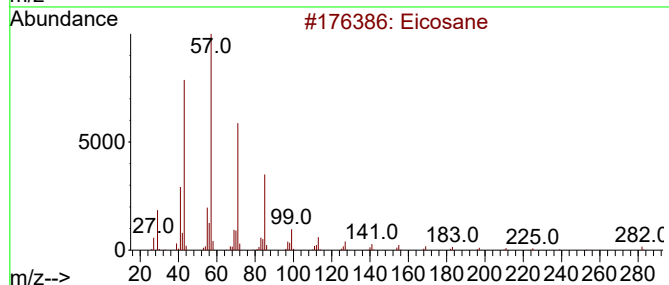
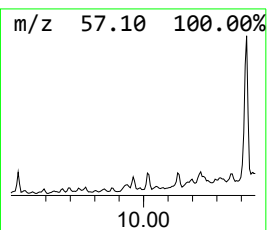
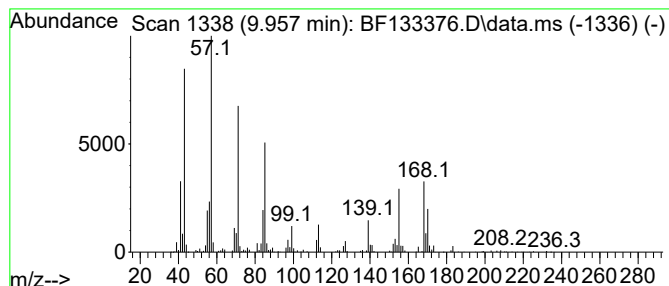
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.957 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	3.73 ng	323455	Acenaphthene-d10	9.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	49
2		Octadecane	254	C18H38	000593-45-3	49
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	46
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	46
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

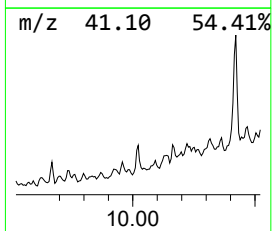
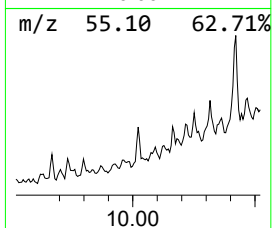
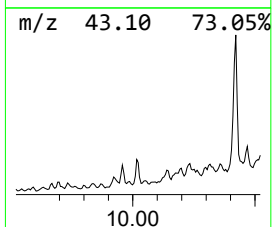
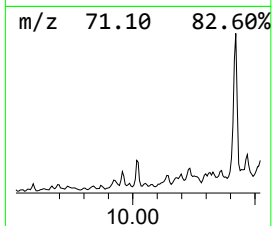
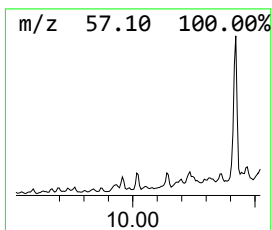
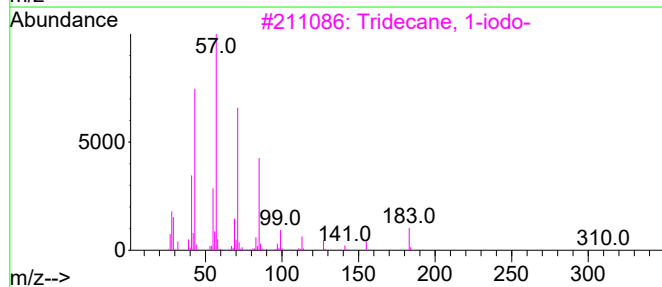
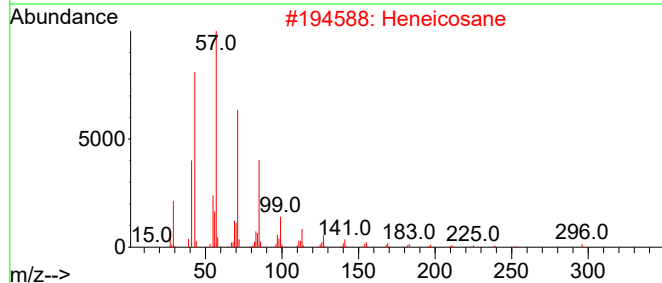
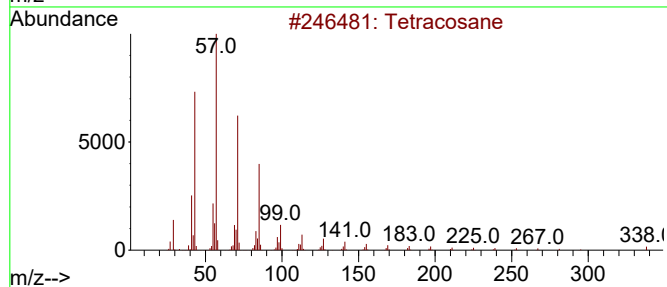
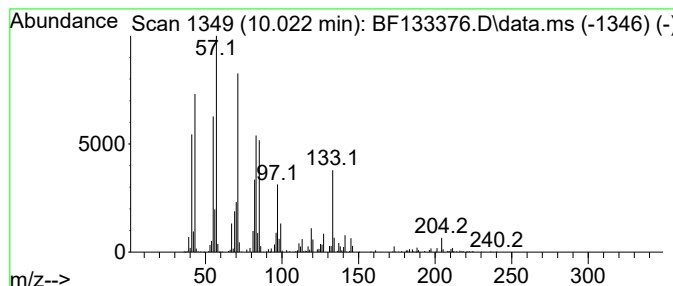
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.022 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	6.05 ng	524130	Acenaphthene-d10	9.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	46
2		Heneicosane	296	C21H44	000629-94-7	46
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
5		Tetradecane	198	C14H30	000629-59-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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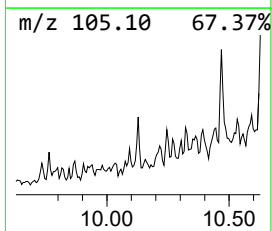
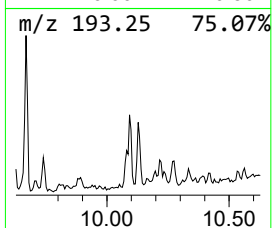
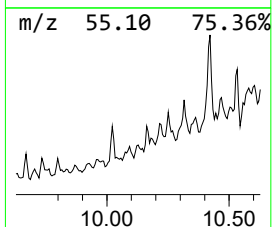
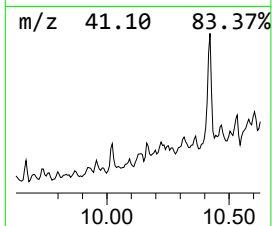
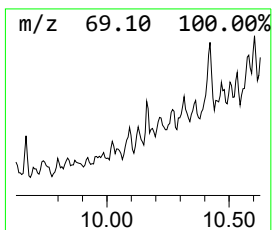
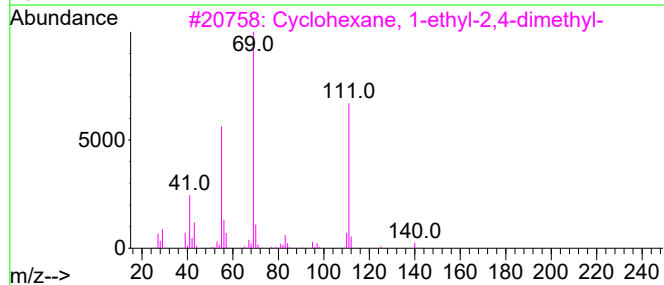
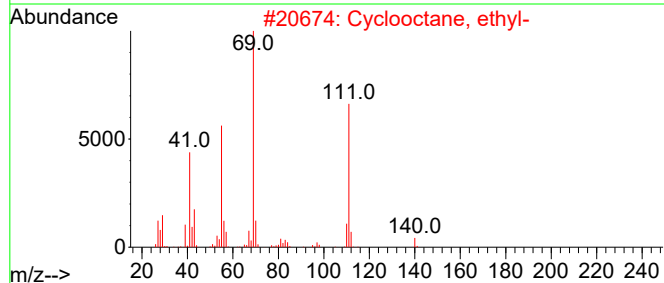
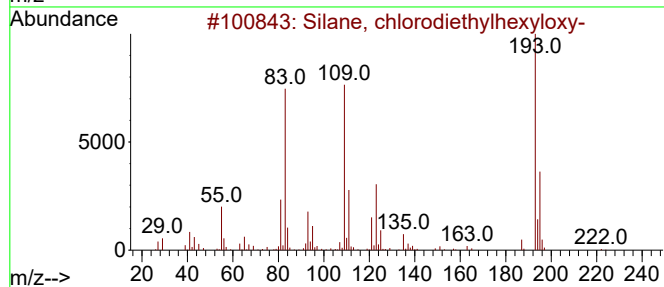
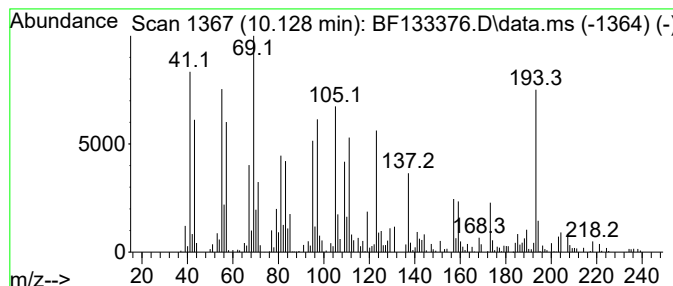
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.128 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	6.89 ng	596637	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38
2			Cyclooctane, ethyl-	140	C10H20	013152-02-8	18
3			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	18
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	18
5			1-(2-[3-(2-Acetyloxiran-2-yl)-1,...	236	C14H20O3	1010192-75-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

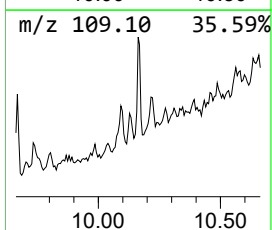
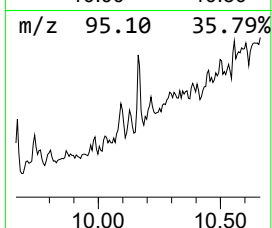
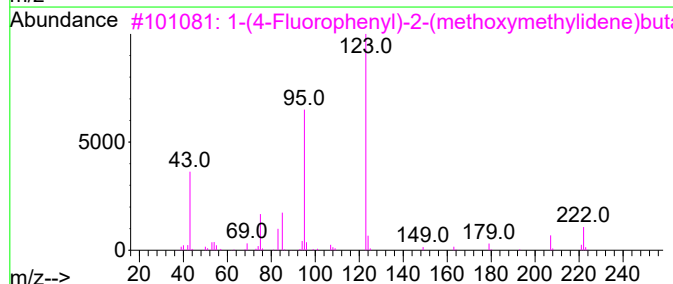
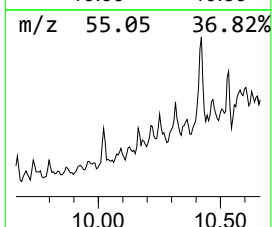
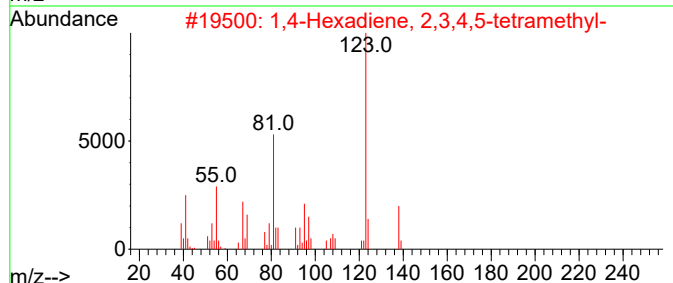
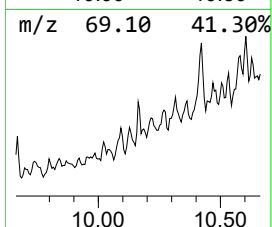
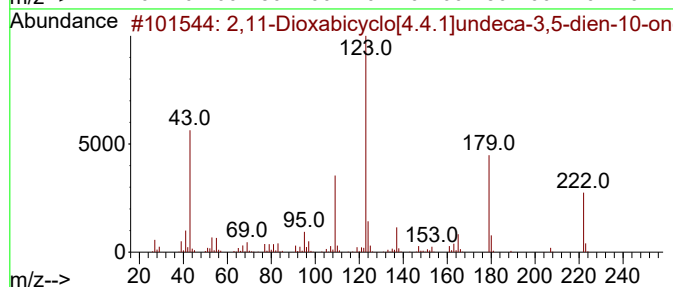
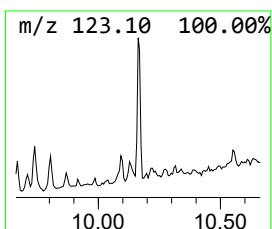
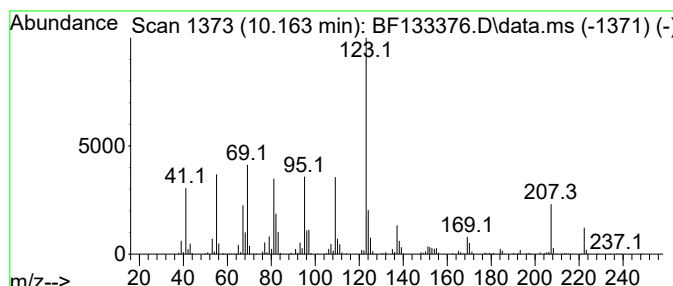
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.163	5.64 ng	488821	Acenaphthene-d10	9.757	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	53
2	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	50
3	1-(4-Fluorophenyl)-2-(methoxymet...	222	C12H11FO3	1000388-14-4	47
4	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	43
5	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
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ClientSampleId :
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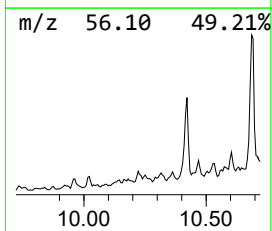
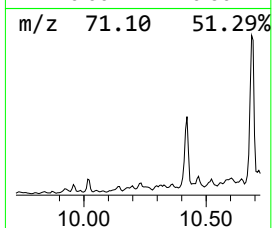
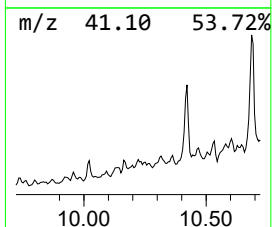
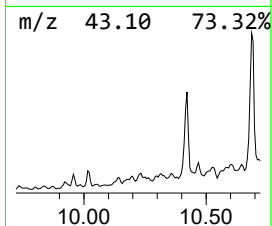
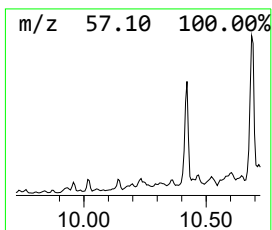
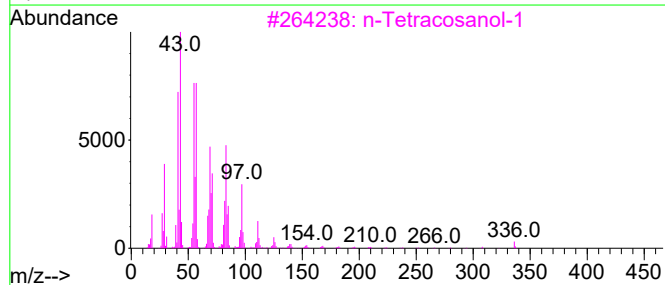
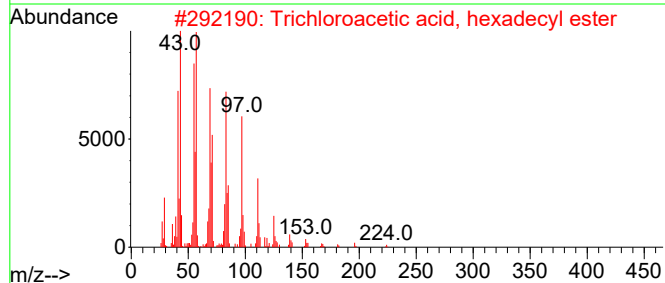
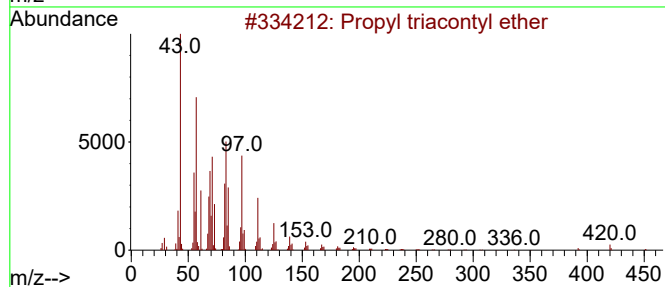
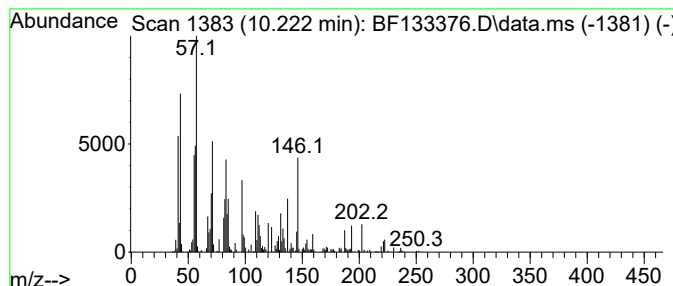
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.222 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	3.74 ng	324155	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propyl triacontyl ether	481	C33H68O	1000406-28-6	38
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	38
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	38
4			Heptacosyl acetate	438	C29H58O2	1000351-78-2	35
5			E-14-Hexadecenal	238	C16H30O	330207-53-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
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Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

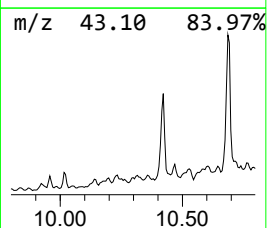
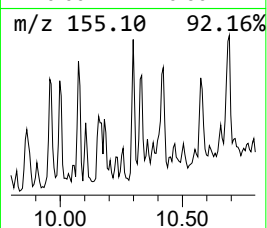
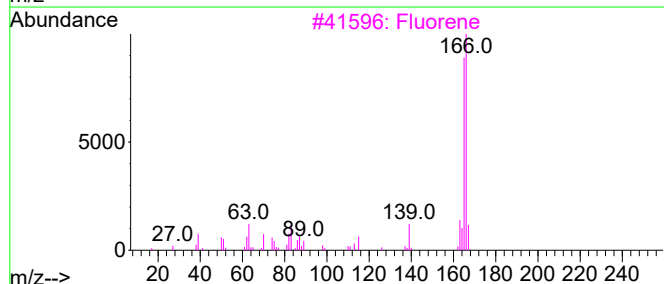
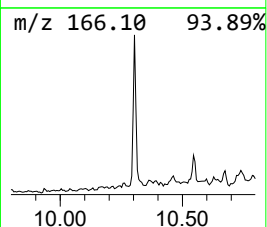
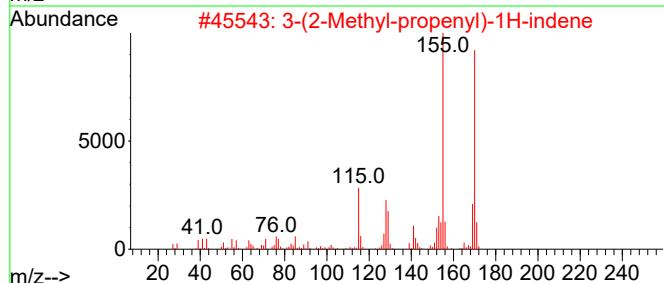
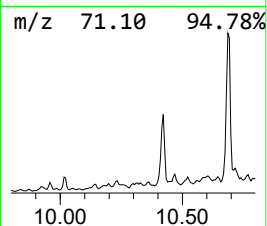
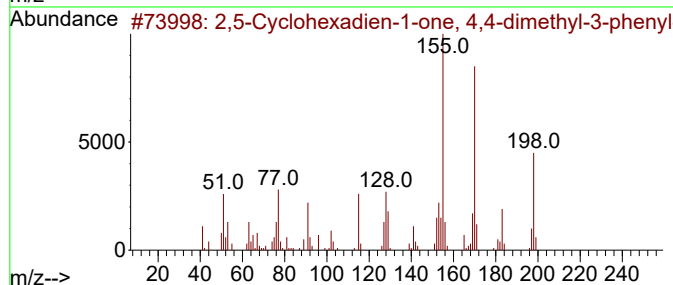
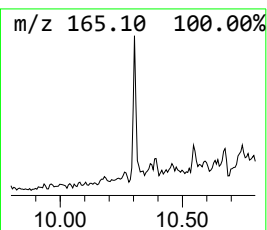
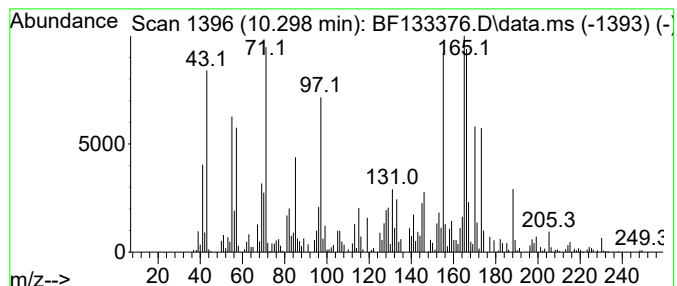
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.298 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	5.09 ng	441096	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 4,4-dim...	198	C14H14O	055162-56-6	44		
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	44		
3	Fluorene	166	C13H10	000086-73-7	35		
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	25		
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	25		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

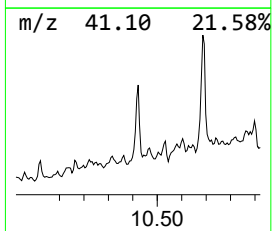
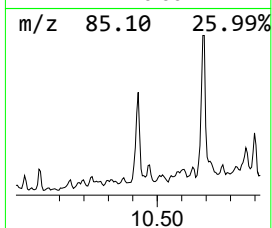
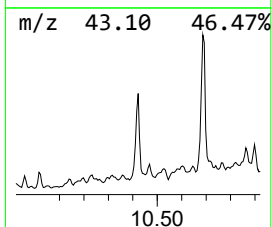
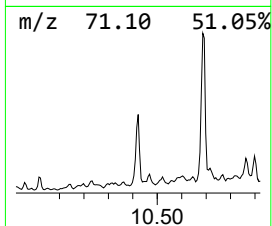
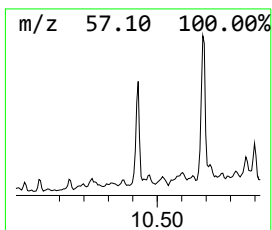
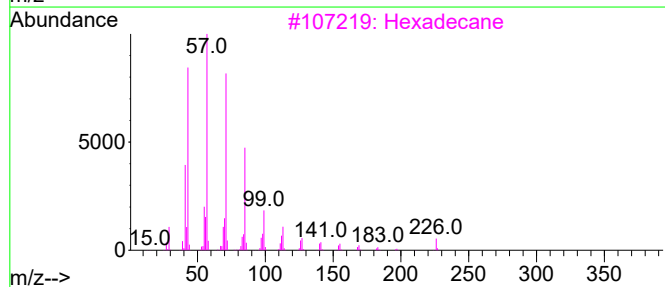
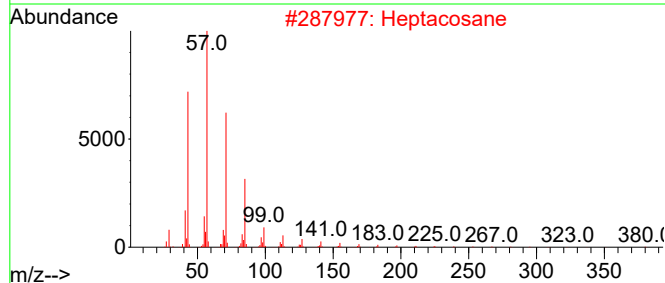
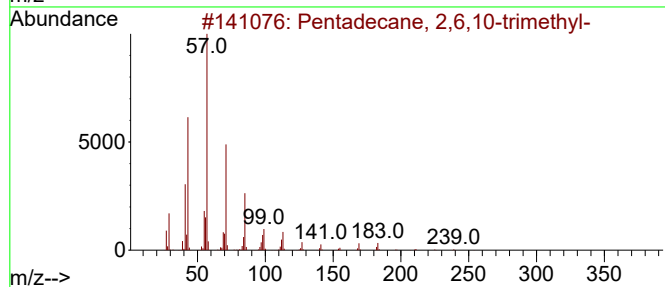
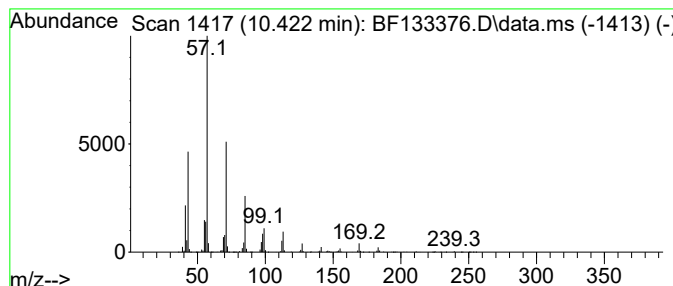
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.422	31.78 ng	2752470	Acenaphthene-d10	9.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2		Heptacosane	380	C27H56	000593-49-7	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Undecane	156	C11H24	001120-21-4	80
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
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Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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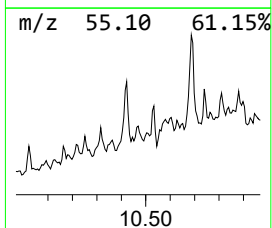
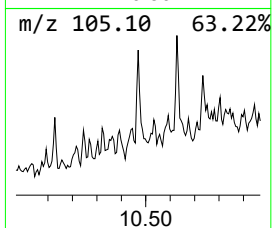
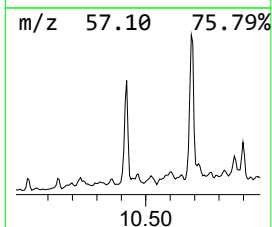
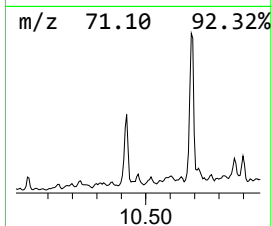
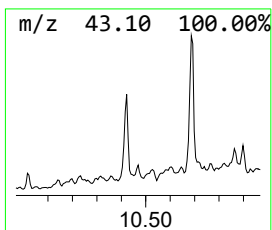
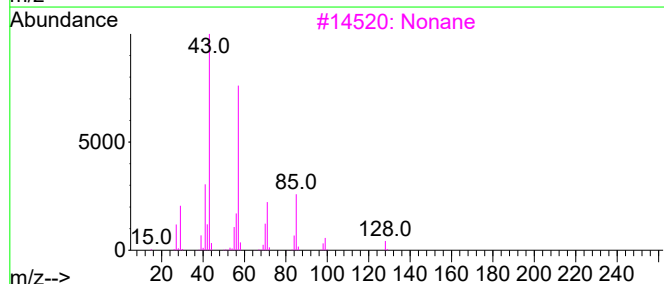
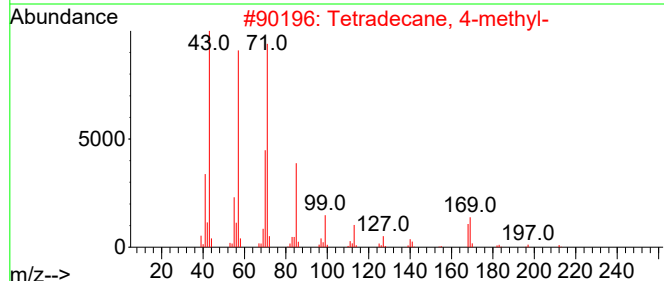
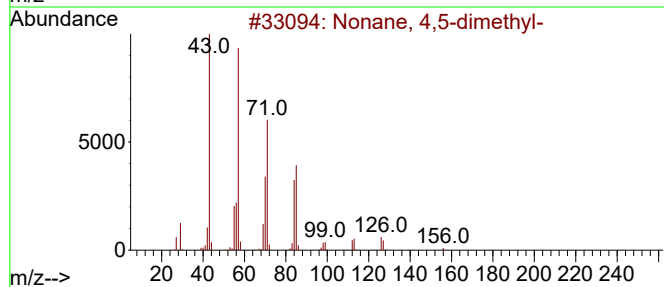
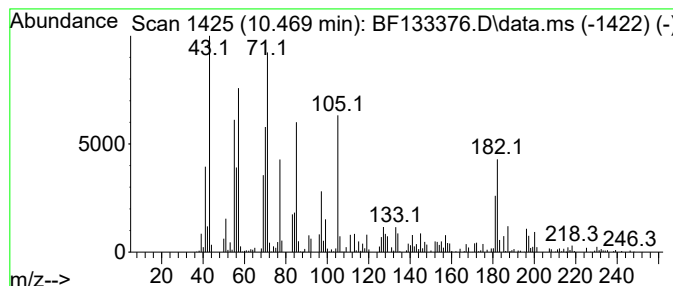
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.469 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	6.99 ng	605750	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	30
3			Nonane	128	C9H20	000111-84-2	30
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	30
5			Benzophenone	182	C13H10O	000119-61-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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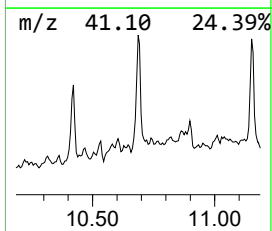
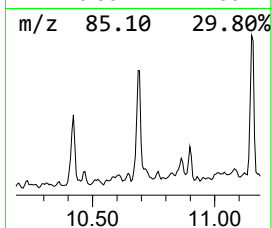
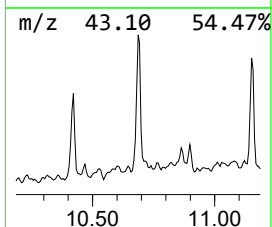
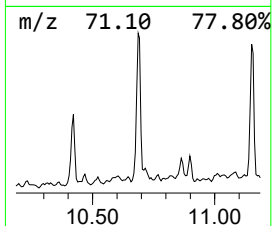
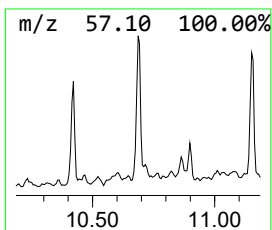
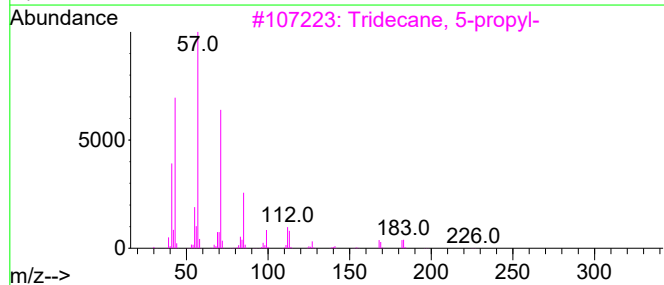
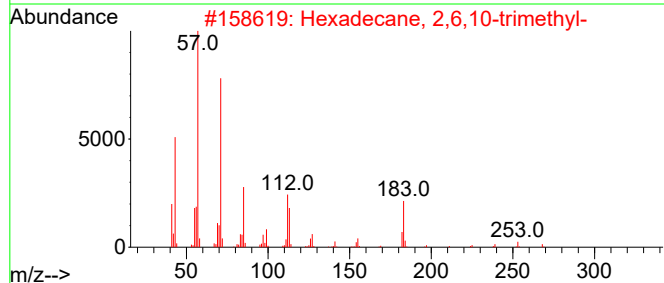
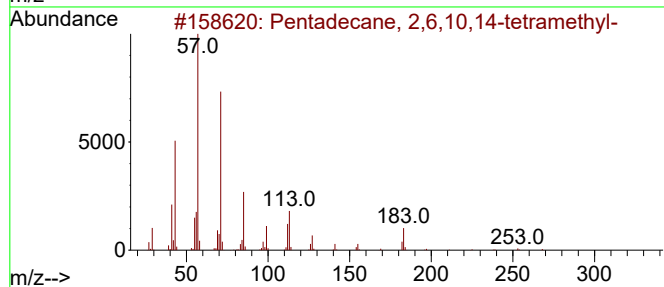
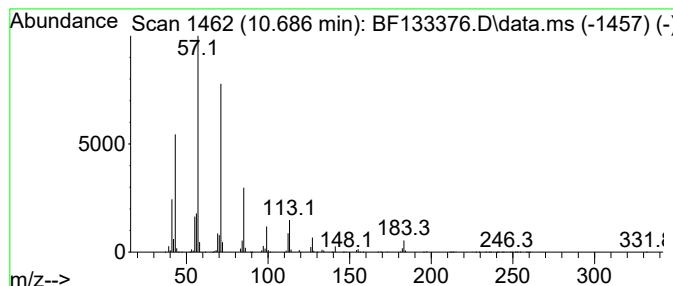
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	97.18 ng	6164610	Phenanthrene-d10	11.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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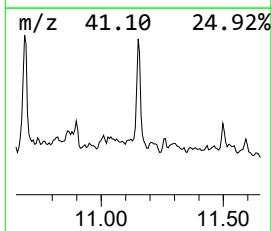
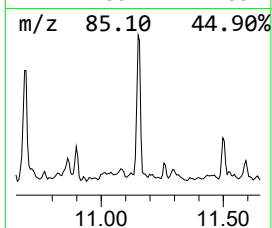
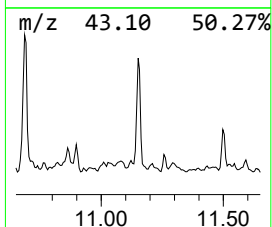
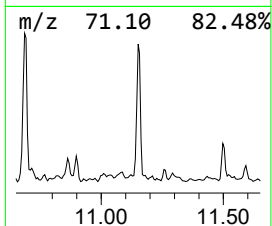
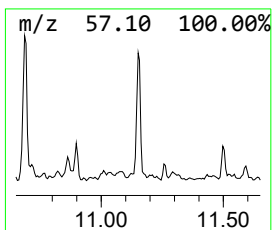
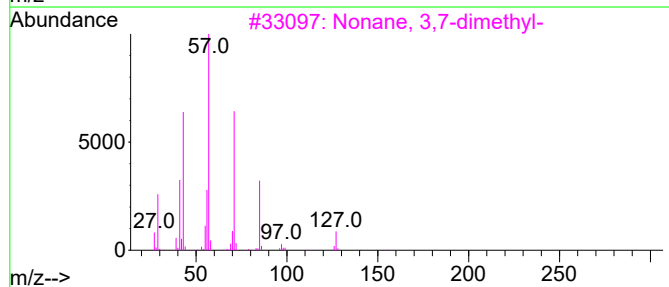
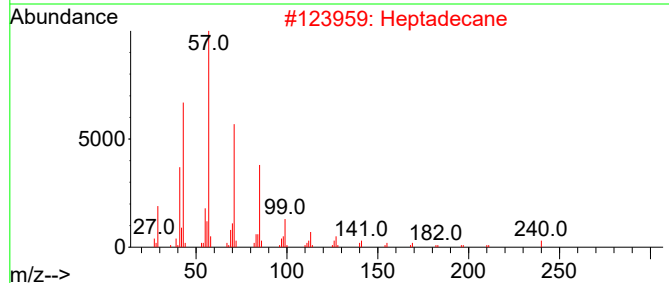
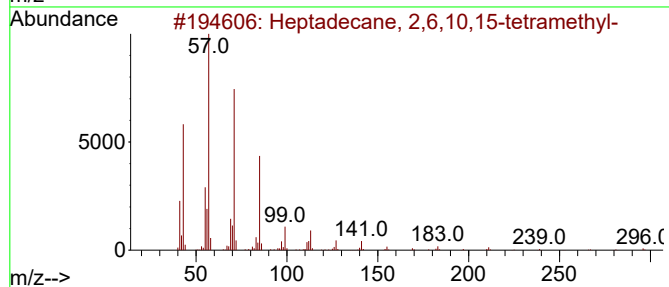
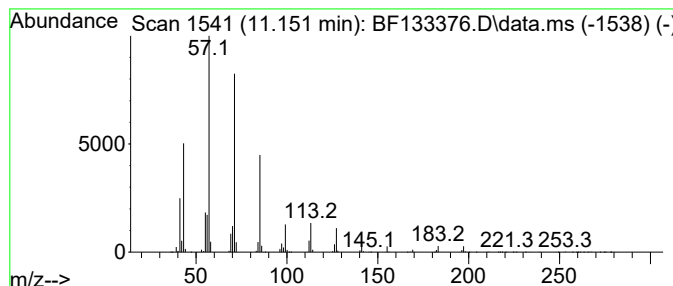
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.151	76.36 ng	4844310	Phenanthrene-d10	11.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Heptadecane	240	C17H36	000629-78-7	83
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
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Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

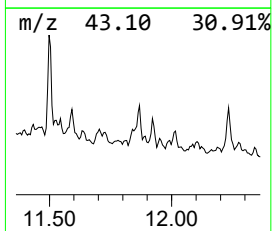
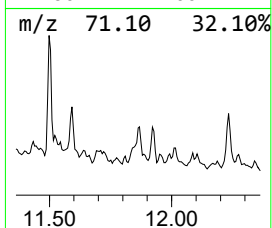
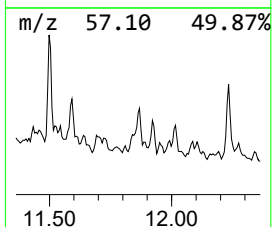
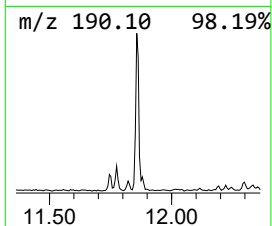
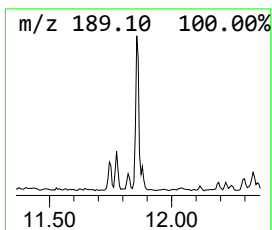
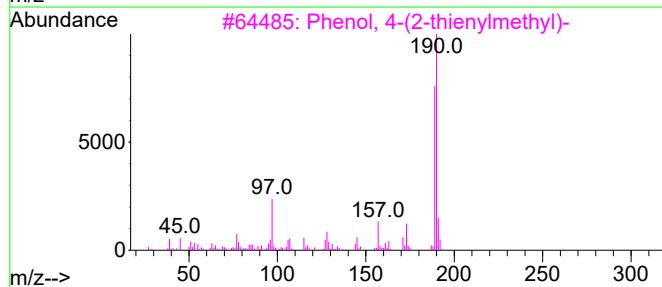
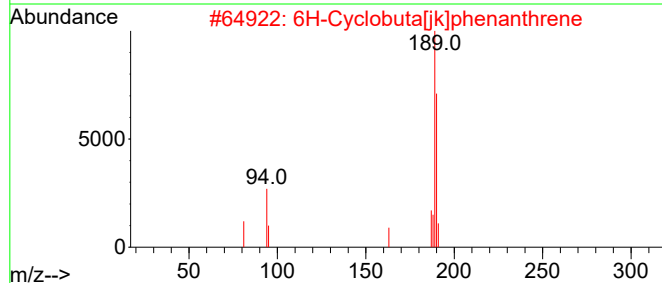
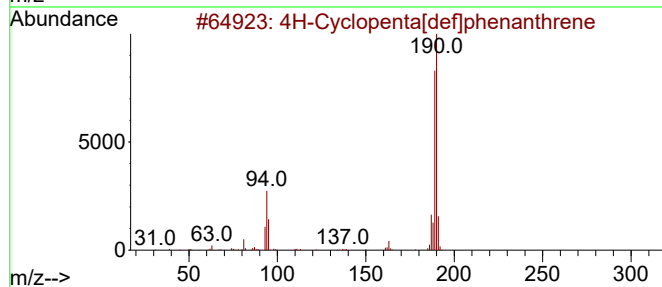
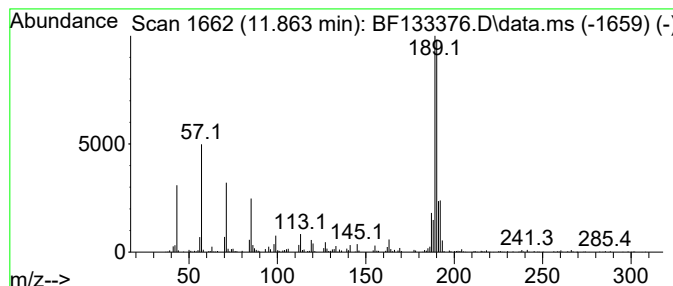
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.863	19.68 ng	1248660	Phenanthrene-d10		11.245	
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	64
3	Phenol, 4-(2-thienylmethyl)-		190	C11H10OS	091680-55-6	33
4	Sarcosine, n-pentafluoropropiony...		403	C18H30F5NO3	1000320-94-1	32
5	Pyrazole-4-carboxaldehyde, 3-(4-...		190	C10H7FN2O	306936-57-2	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
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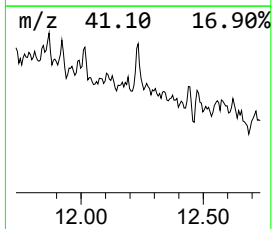
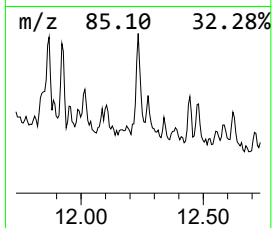
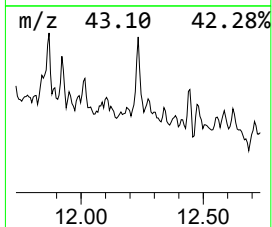
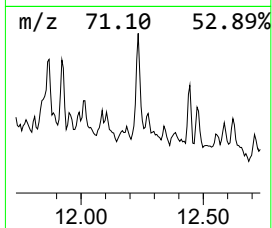
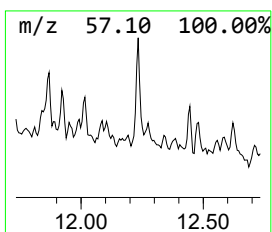
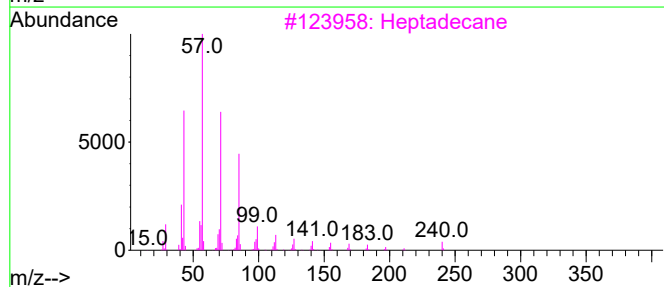
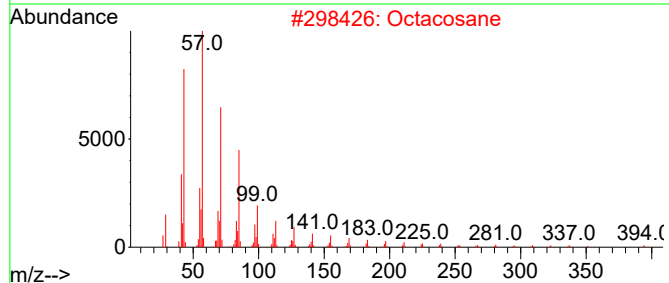
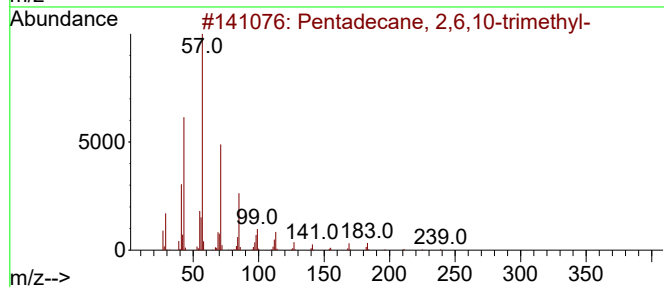
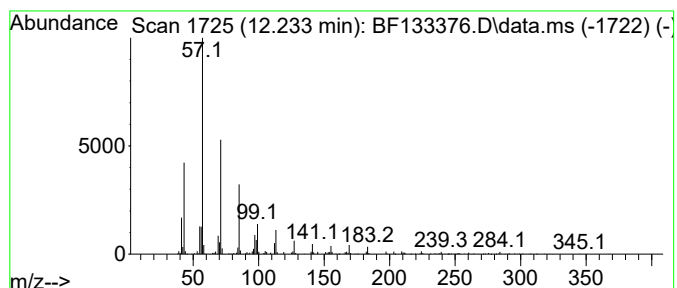
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.233	13.45 ng	853335	Phenanthrene-d10	11.245	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

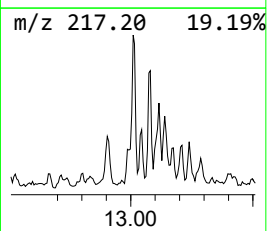
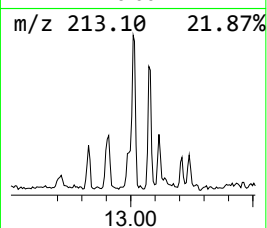
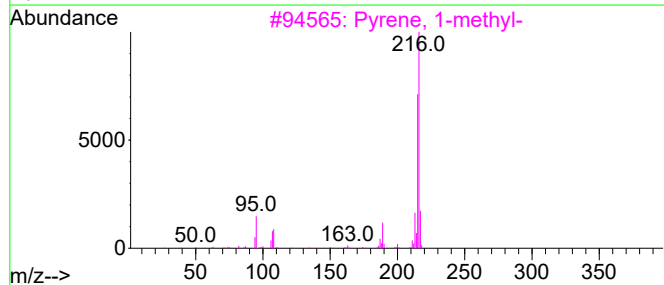
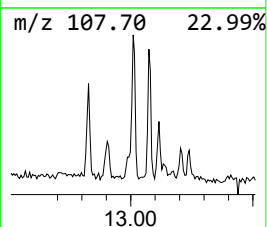
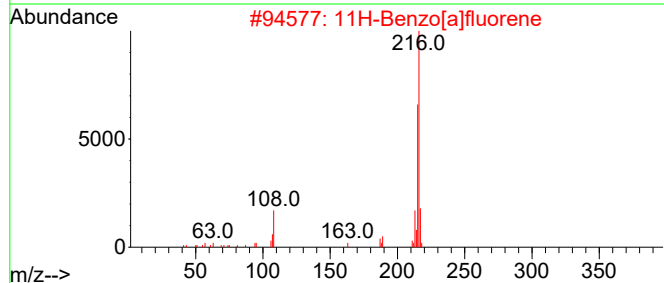
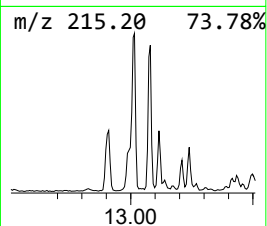
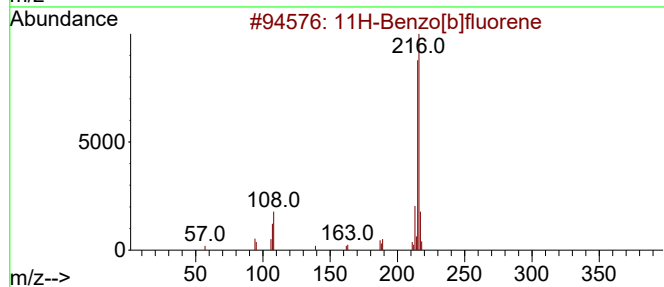
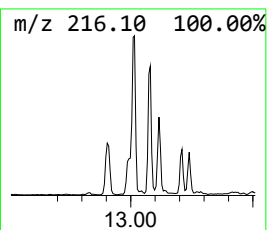
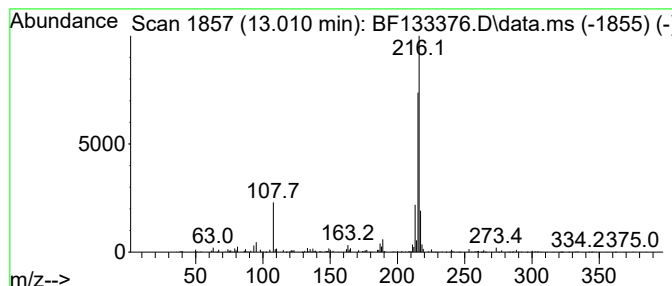
Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.010	3.94 ng	624181	Chrysene-d12		13.880	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-		216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene		216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

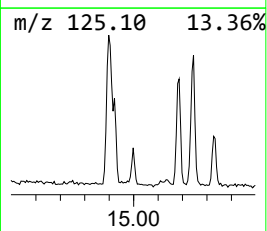
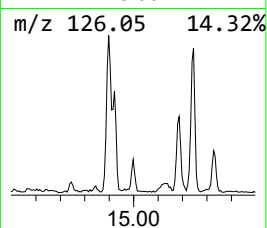
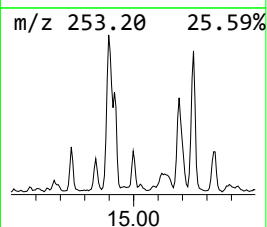
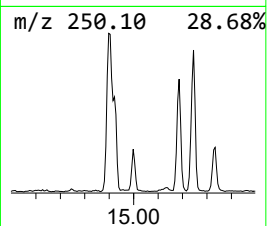
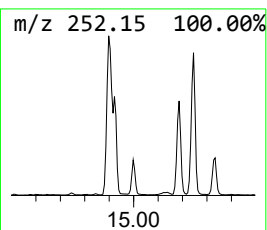
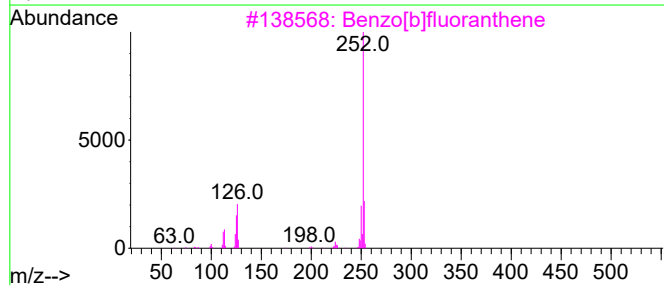
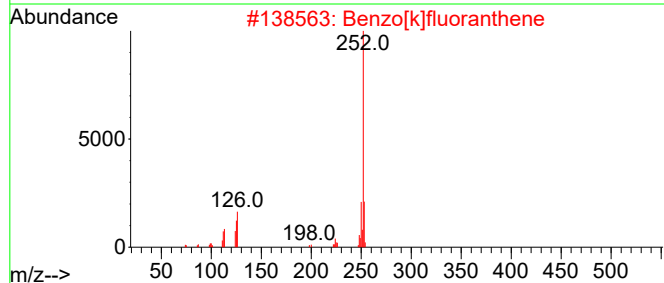
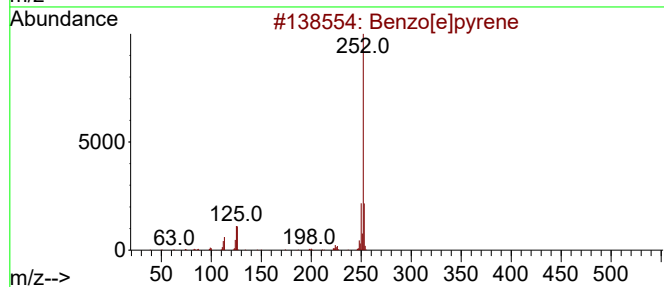
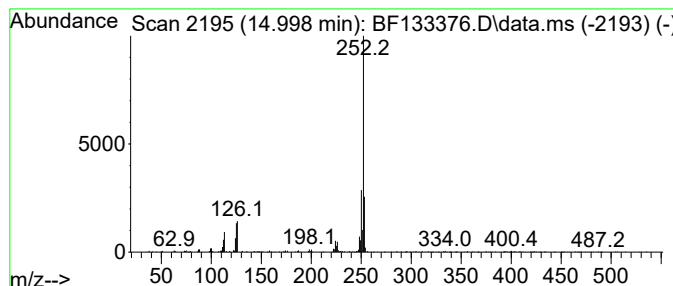
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	6.02 ng	259249	Perylene-d12	15.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

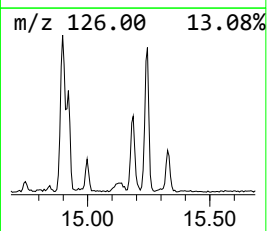
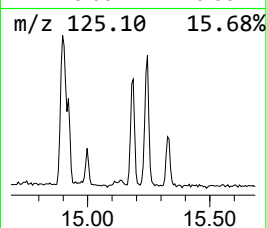
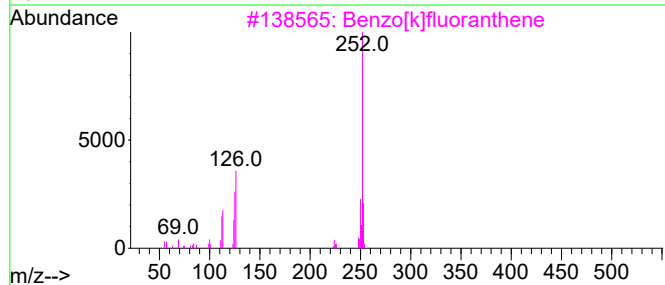
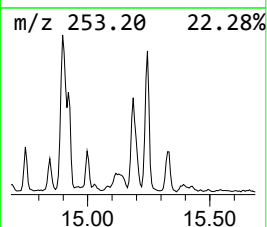
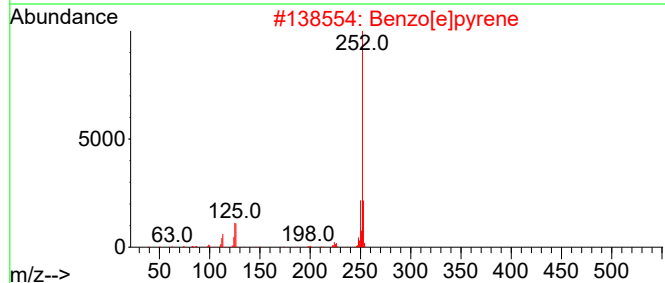
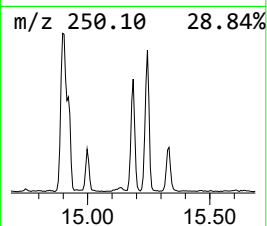
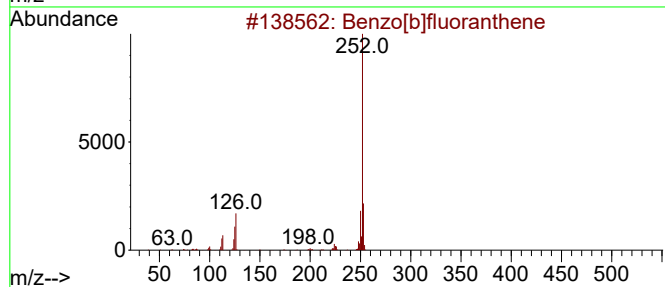
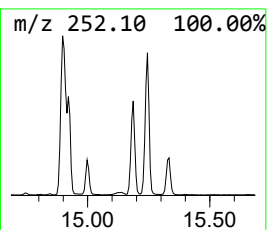
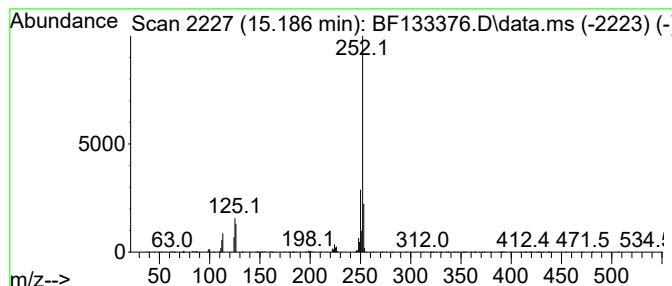
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	23.32 ng	1003850	Perylene-d12	15.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133376.D
Acq On : 12 May 2023 18:51
Operator : CG\JU
Sample : 02757-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
2-Pentanone, 4-...	4.893	15.1	ng	948257	1	6.722	1258340	20.0
Tetratetracontane	9.486	4.8	ng	417192	3	9.757	1732300	20.0
Decahydro-1,1,4...	9.622	4.7	ng	404253	3	9.757	1732300	20.0
unknown9.669	9.669	4.3	ng	373069	3	9.757	1732300	20.0
unknown9.922	9.922	5.8	ng	500049	3	9.757	1732300	20.0
unknown9.957	9.957	3.7	ng	323455	3	9.757	1732300	20.0
unknown10.022	10.022	6.0	ng	524130	3	9.757	1732300	20.0
unknown10.128	10.128	6.9	ng	596637	3	9.757	1732300	20.0
2,11-Dioxabicyc...	10.163	5.6	ng	488821	3	9.757	1732300	20.0
unknown10.222	10.222	3.7	ng	324155	3	9.757	1732300	20.0
unknown10.298	10.298	5.1	ng	441096	3	9.757	1732300	20.0
Pentadecane, 2,...	10.422	31.8	ng	2752470	3	9.757	1732300	20.0
unknown10.469	10.469	7.0	ng	605750	3	9.757	1732300	20.0
Hexadecane, 2,6...	10.686	97.2	ng	6164610	4	11.245	1268760	20.0
Heptadecane, 2,...	11.151	76.4	ng	4844310	4	11.245	1268760	20.0
4H-Cyclopenta[d...]	11.863	19.7	ng	1248660	4	11.245	1268760	20.0
Octacosane	12.233	13.4	ng	853335	4	11.245	1268760	20.0
11H-Benzo[b]flu...	13.010	3.9	ng	624181	5	13.880	3164630	20.0
Benzo[e]pyrene	14.998	6.0	ng	259249	6	15.304	861068	20.0
Perylene	15.186	23.3	ng	1003850	6	15.304	861068	20.0