

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123325.D
 Acq On : 1 Mar 2021 14:24
 Operator : JU/CG
 Sample : M1509-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-022621

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-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123325.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.334	31	42	48	rVB	1023982	1362480	8.72%	1.298%
2	5.504	575	581	584	rBV	5909764	7292119	46.66%	6.948%
3	6.498	743	750	753	rBV	5277164	7480264	47.86%	7.127%
4	6.851	806	810	813	rBV	1690126	1391370	8.90%	1.326%
5	7.416	899	906	909	rBV	3652379	5032253	32.20%	4.795%
6	8.134	1019	1028	1031	rBV	1831060	1911948	12.23%	1.822%
7	9.216	1204	1212	1215	rBV	7117337	7851349	50.23%	7.481%
8	9.604	1271	1278	1281	rBV	157519	177504	1.14%	0.169%
9	9.892	1318	1327	1330	rBV	2165894	2160535	13.82%	2.059%
10	10.692	1454	1463	1466	rBV	4543110	5273149	33.74%	5.024%
11	11.386	1575	1581	1583	rBV	2145360	2155437	13.79%	2.054%
12	11.404	1583	1584	1588	rVV	1084069	854409	5.47%	0.814%
13	11.457	1588	1593	1596	rVB	223614	236693	1.51%	0.226%
14	11.616	1615	1620	1625	rBV	140292	170640	1.09%	0.163%
15	11.780	1642	1648	1651	rBV	3666590	3098904	19.83%	2.953%
16	11.845	1655	1659	1663	rBV	148462	209704	1.34%	0.200%
17	11.886	1663	1666	1668	rBV2	226146	253624	1.62%	0.242%
18	11.927	1668	1673	1682	rVB2	1809852	2294487	14.68%	2.186%
19	11.998	1682	1685	1687	rBV	189927	168906	1.08%	0.161%
20	12.204	1718	1720	1725	rVB	260753	280984	1.80%	0.268%
21	12.363	1744	1747	1750	rVB	570052	459207	2.94%	0.438%
22	12.480	1758	1767	1769	rBV	10528482	15629602	100.00%	14.892%
23	12.504	1769	1771	1776	rVV2	11205953	10165893	65.04%	9.686%
24	12.574	1779	1783	1785	rVV	2179141	1741078	11.14%	1.659%
25	12.604	1785	1788	1791	rVV	2283962	2329145	14.90%	2.219%
26	12.633	1791	1793	1800	rVV2	738564	906000	5.80%	0.863%
27	12.710	1802	1806	1812	rVB	992666	1029407	6.59%	0.981%
28	12.833	1821	1827	1832	rVB	1480210	1629534	10.43%	1.553%
29	12.986	1839	1853	1856	rBV	7025215	7934480	50.77%	7.560%
30	13.163	1880	1883	1887	rVB	228268	205044	1.31%	0.195%
31	13.221	1891	1893	1897	rVB2	291441	310429	1.99%	0.296%
32	13.298	1903	1906	1909	rBV2	223194	201079	1.29%	0.192%
33	13.451	1929	1932	1940	rVB2	271706	276623	1.77%	0.264%
34	13.810	1990	1993	1994	rVV	173834	162656	1.04%	0.155%
35	13.833	1994	1997	2002	rVV3	353475	667809	4.27%	0.636%
36	13.880	2002	2005	2015	rVV2	850902	1205132	7.71%	1.148%

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Integrator: RTE

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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

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37	14.033	2024	2031	2034	rVV2	1821931	2409891	15.42%	2.296%
38	14.063	2034	2036	2040	rVB	669010	546744	3.50%	0.521%
39	14.463	2100	2104	2109	rBV3	382736	684370	4.38%	0.652%
40	14.504	2109	2111	2117	rVV4	138672	257962	1.65%	0.246%
41	15.039	2197	2202	2205	rBV2	199539	331067	2.12%	0.315%
42	15.074	2205	2208	2212	rBV	518317	745547	4.77%	0.710%
43	15.186	2224	2227	2232	rBV2	102897	187802	1.20%	0.179%
44	15.380	2256	2260	2266	rVB	346370	449041	2.87%	0.428%
45	15.445	2266	2271	2276	rBV	426173	520858	3.33%	0.496%
46	15.510	2277	2282	2285	rBV2	1121735	1413975	9.05%	1.347%
47	16.057	2369	2375	2379	rVV6	105289	282813	1.81%	0.269%
48	16.133	2380	2388	2398	rVB6	206264	779761	4.99%	0.743%
49	16.839	2503	2508	2519	rVB5	124110	306580	1.96%	0.292%
50	16.980	2526	2532	2543	rBV2	221753	484259	3.10%	0.461%
51	17.327	2587	2591	2599	rVB2	203198	457667	2.93%	0.436%
52	17.427	2602	2608	2621	rVB	180323	411479	2.63%	0.392%
53	17.603	2633	2638	2645	rBV6	82740	175133	1.12%	0.167%

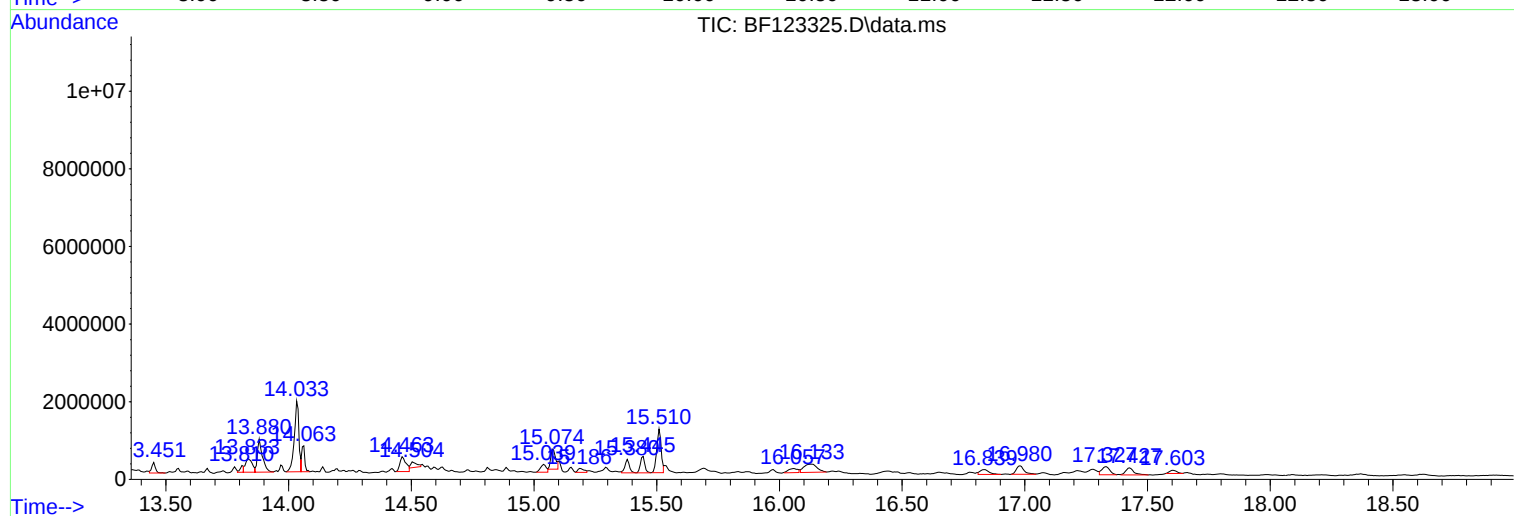
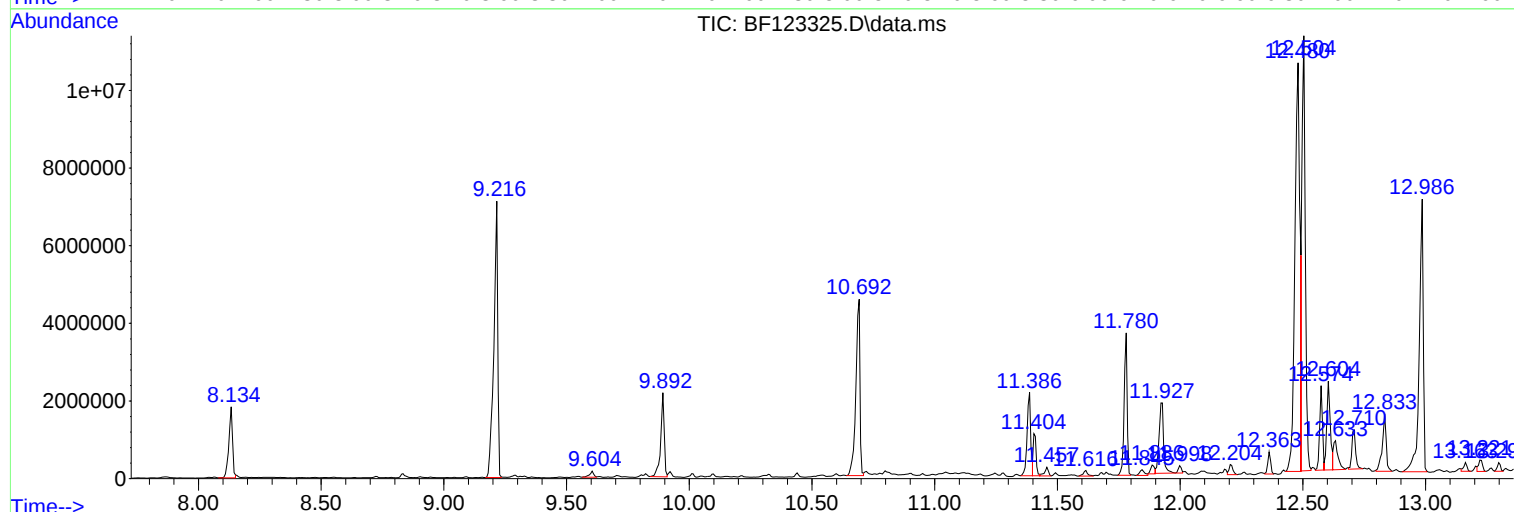
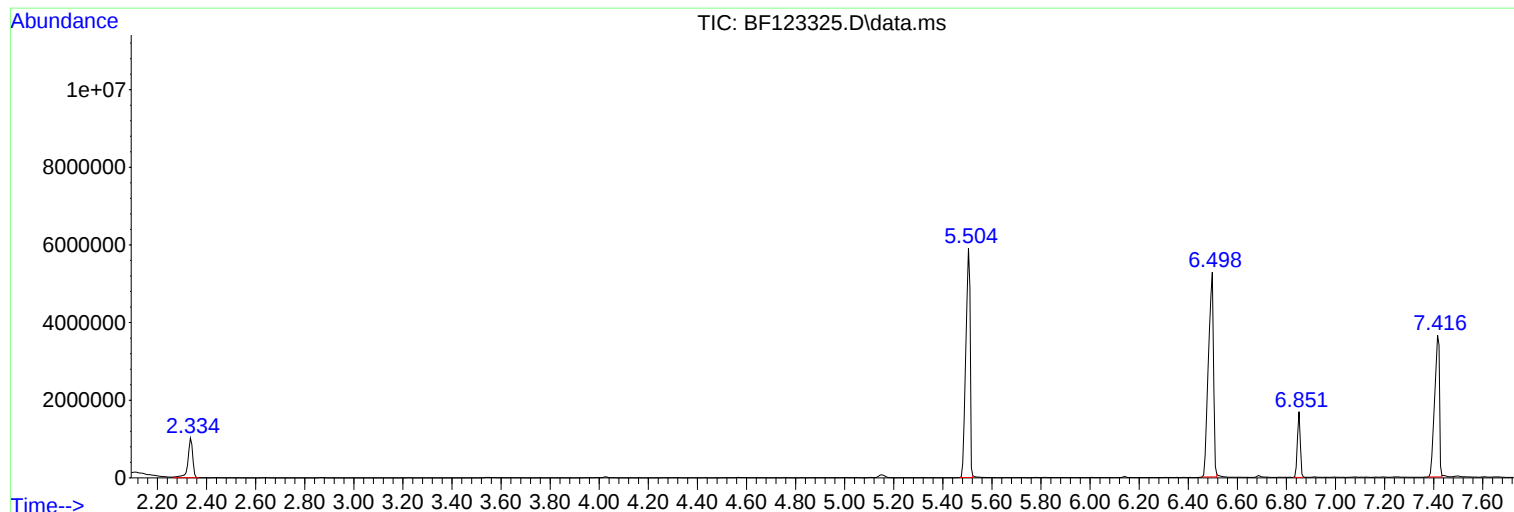
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
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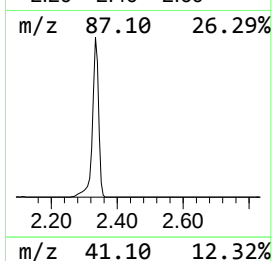
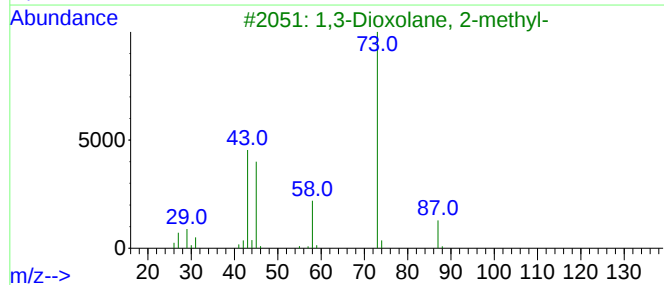
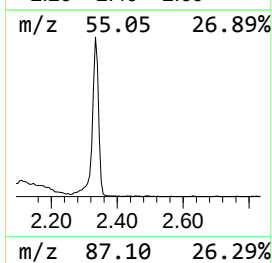
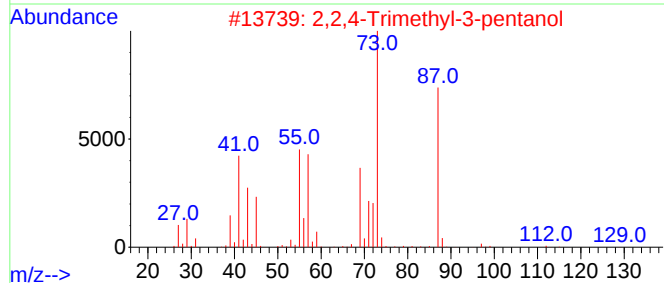
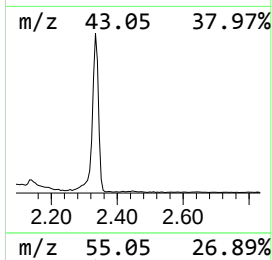
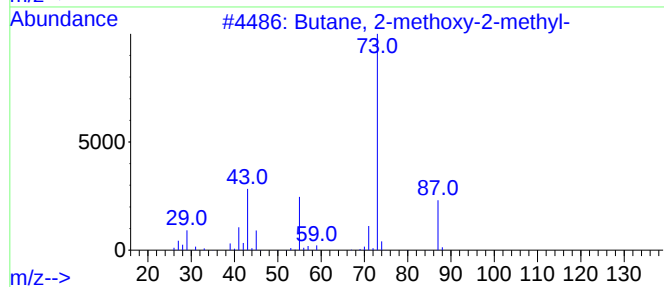
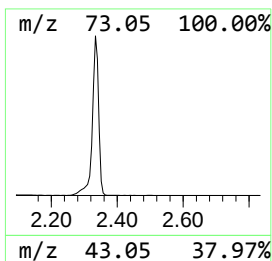
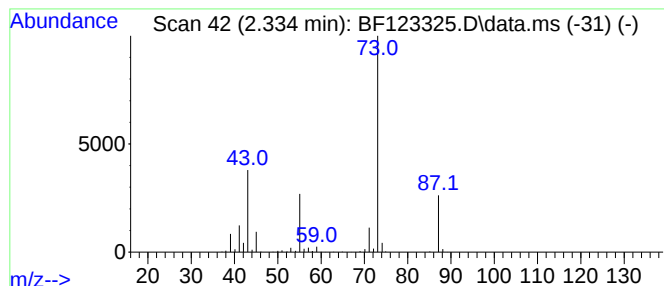
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.334	19.58 ng	1362480	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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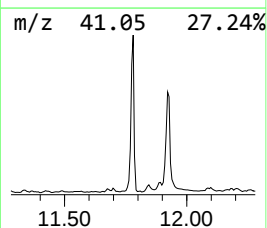
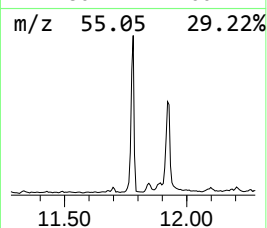
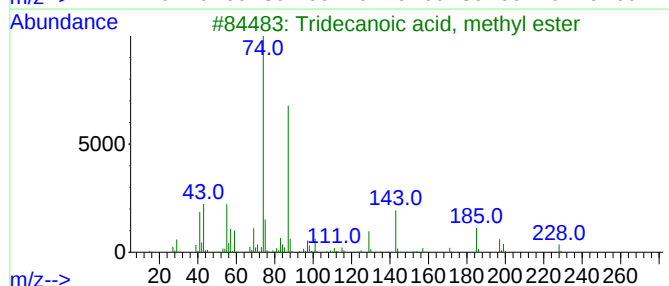
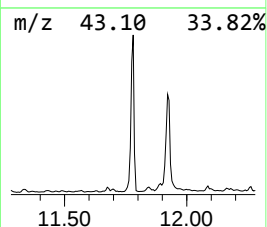
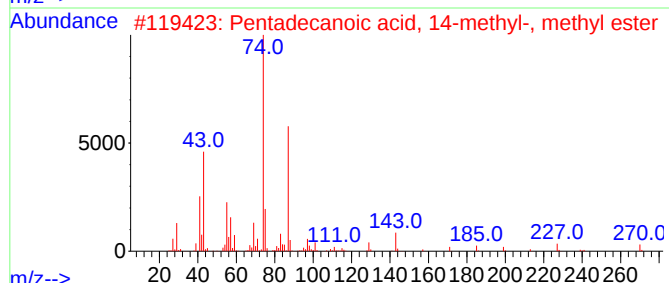
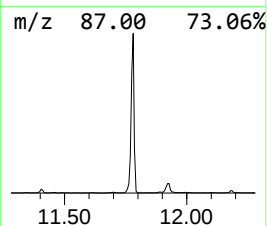
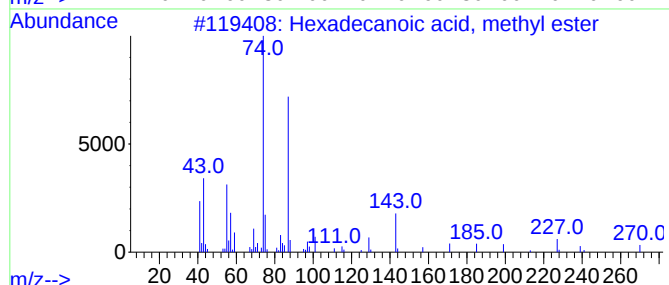
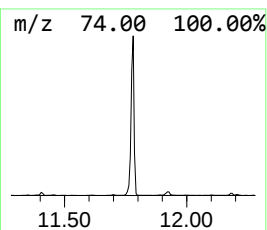
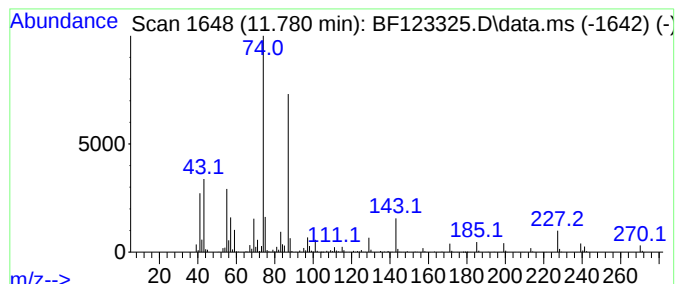
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.780	28.75 ng	3098900	Phenanthrene-d10	11.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



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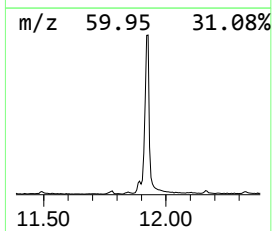
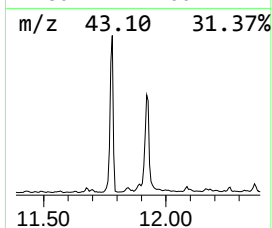
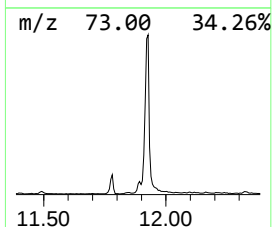
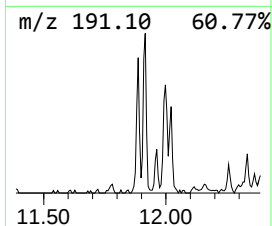
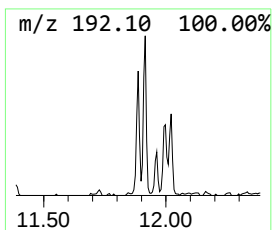
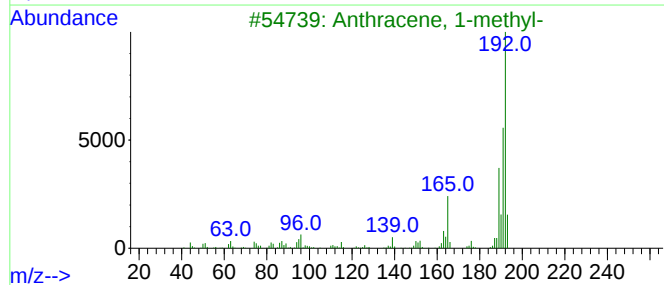
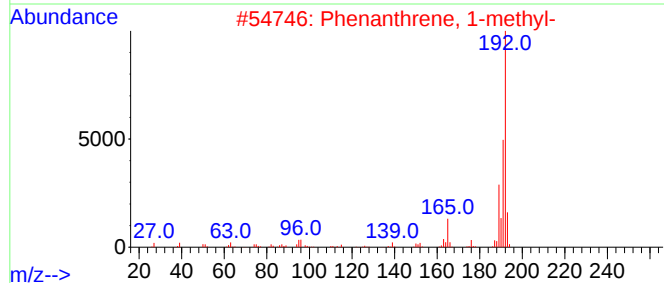
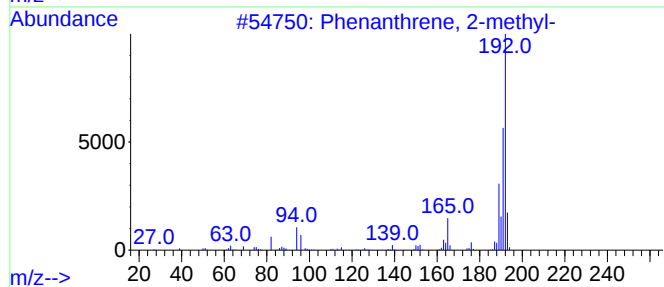
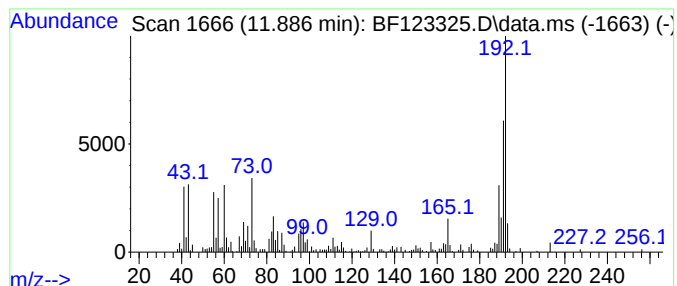
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.35 ng	253624	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	92



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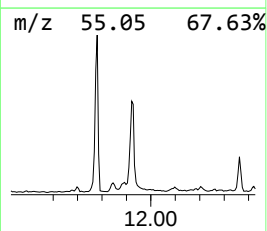
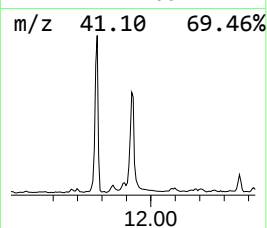
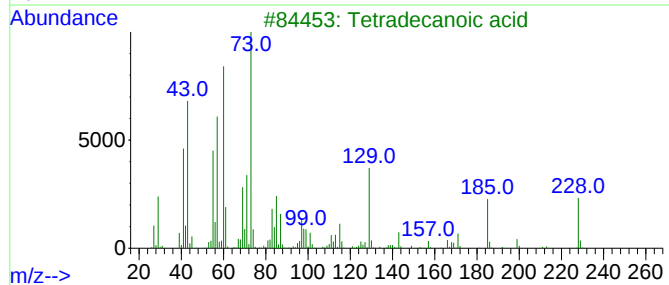
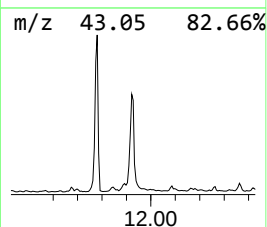
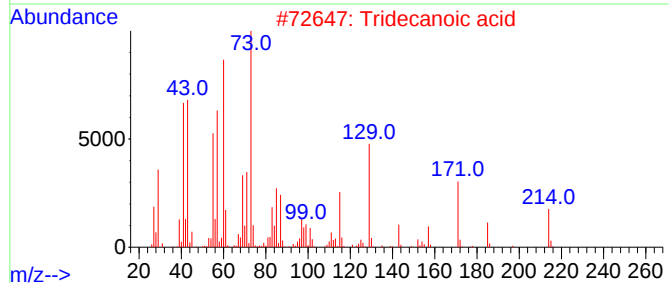
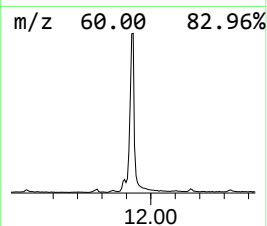
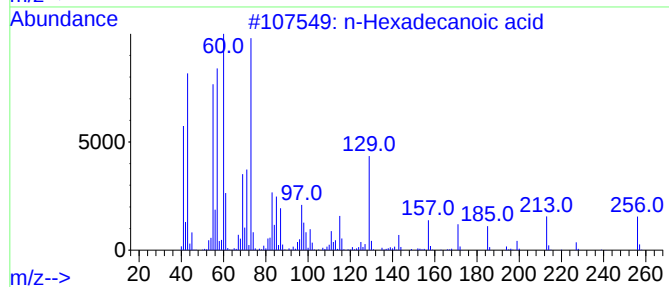
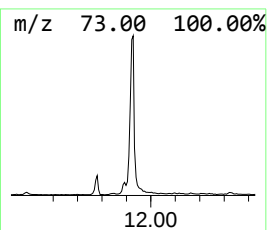
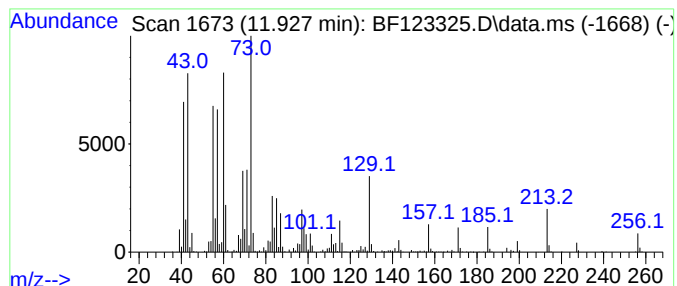
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	21.29 ng	2294490	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Estra-1,3,5(10)-trien-17.β-ol	256	C18H24O	002529-64-8	30



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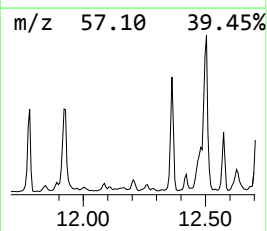
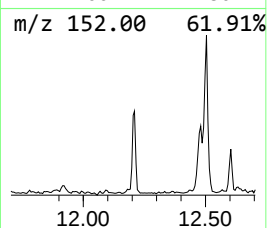
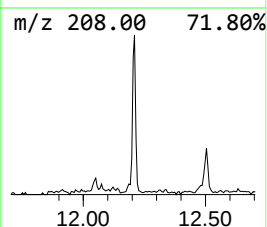
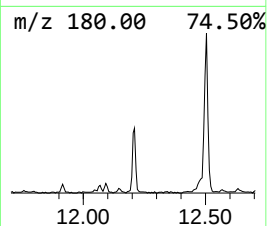
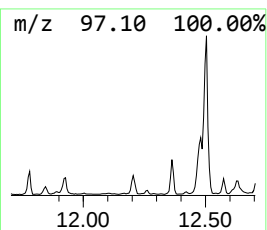
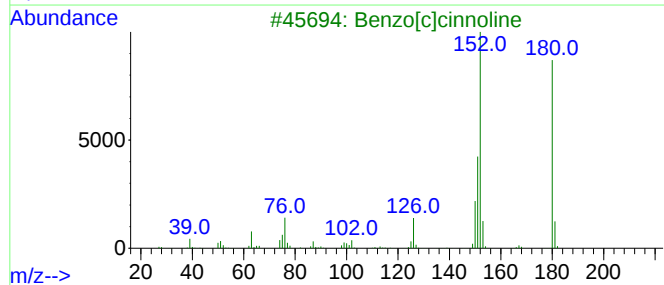
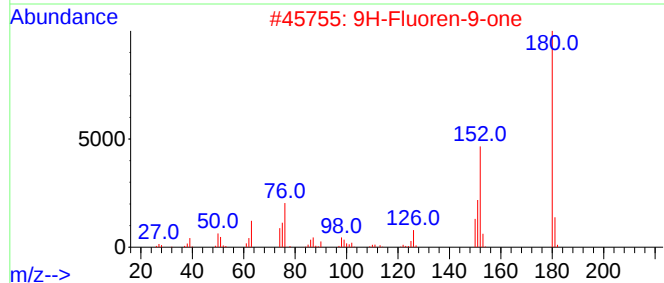
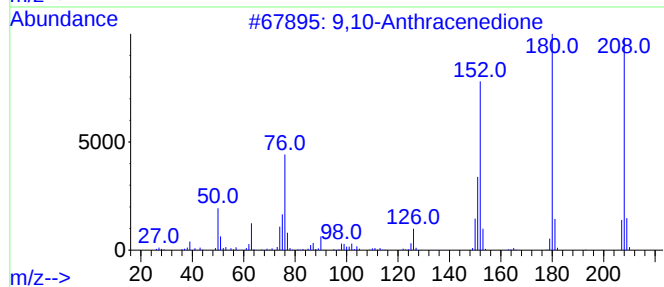
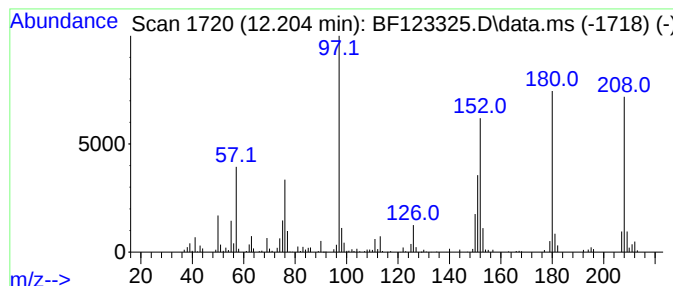
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	2.61 ng	280984	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46
5			1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-022621

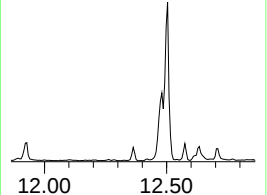
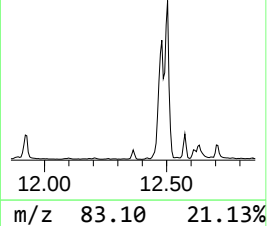
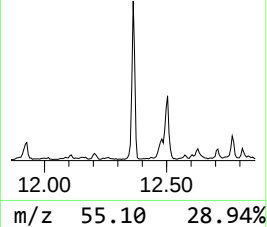
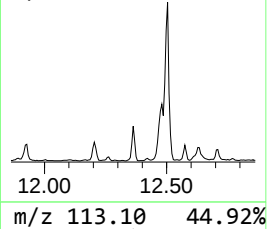
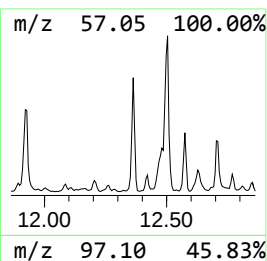
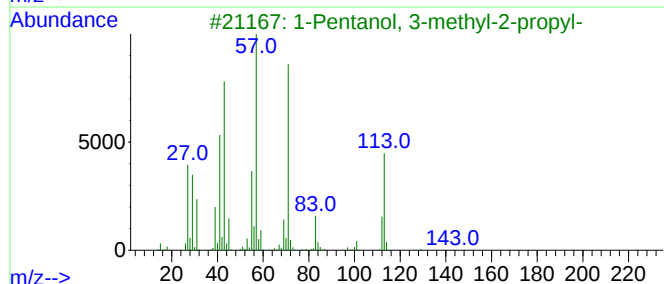
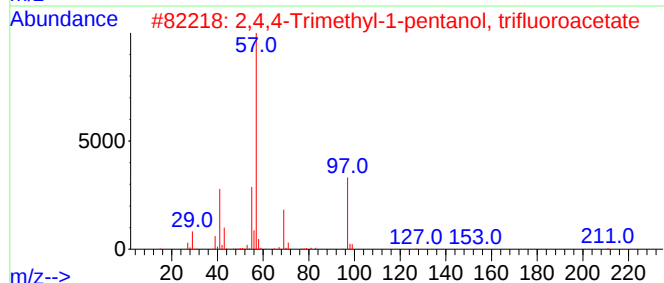
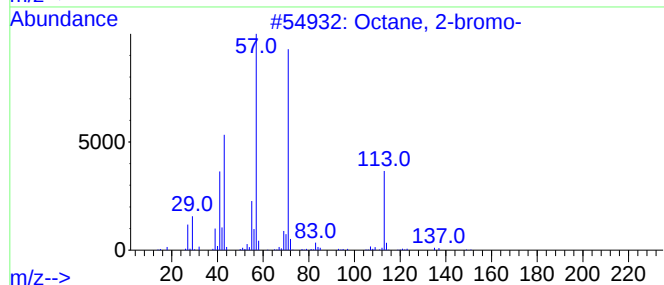
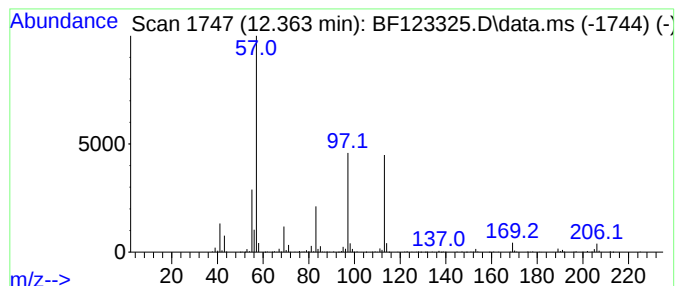
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown12.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	4.26 ng	459207	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
2			2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
3			1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	28
4			2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27
5			Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

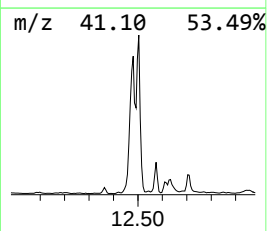
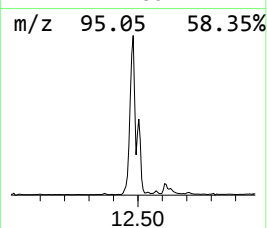
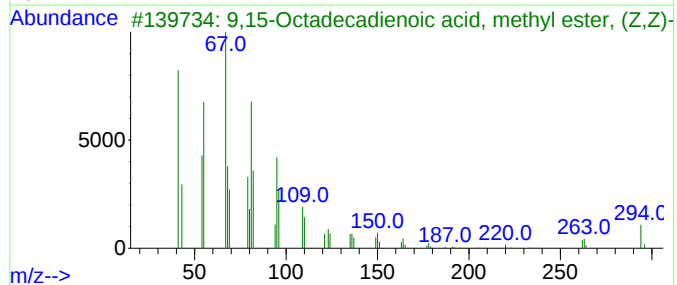
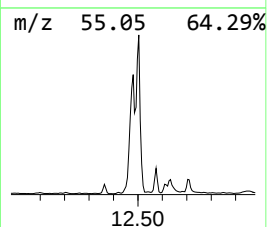
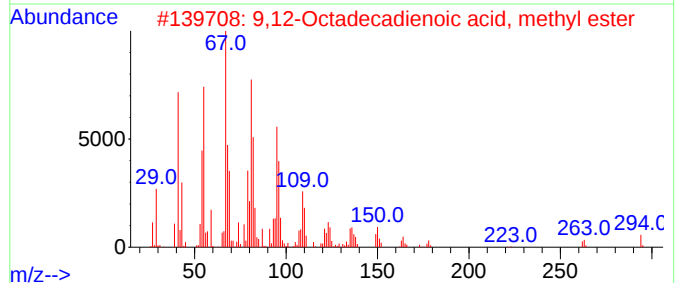
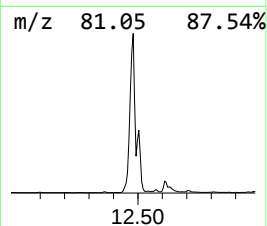
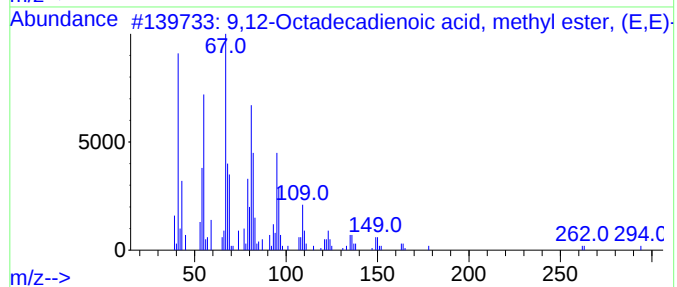
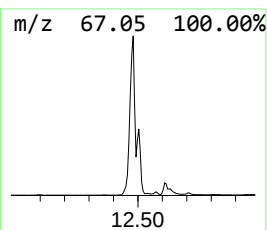
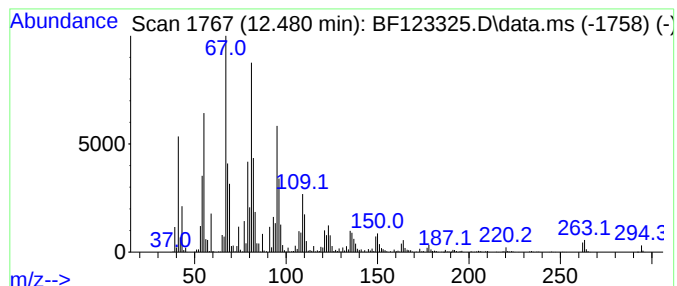
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.480	145.03 ng	15629600	Phenanthrene-d10	11.386	
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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-02-022621

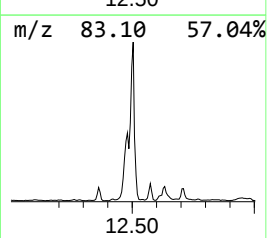
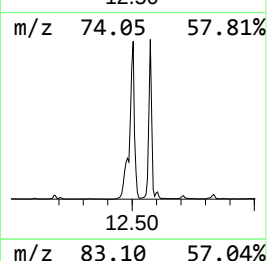
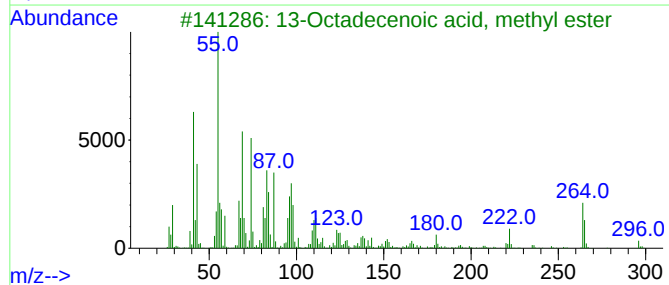
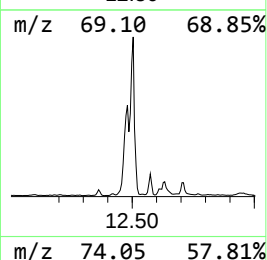
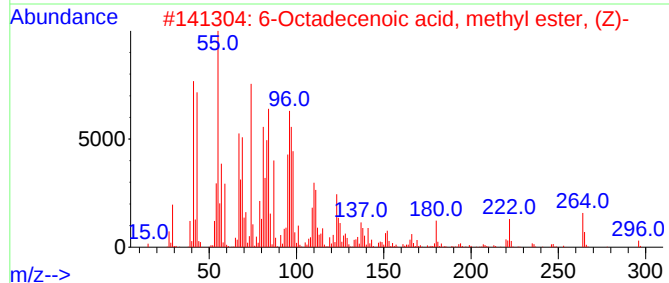
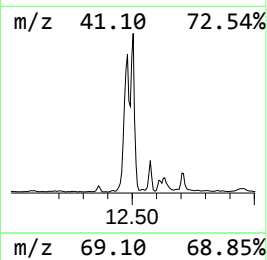
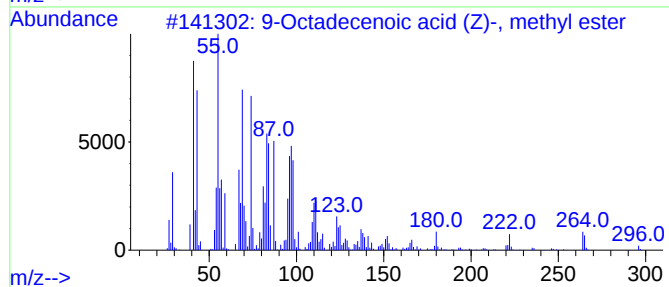
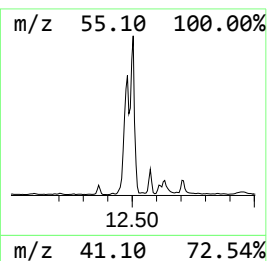
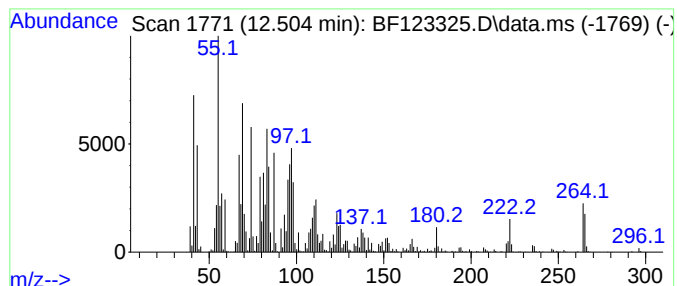
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	94.33 ng	10165900	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
5			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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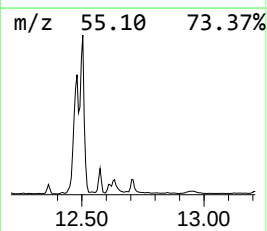
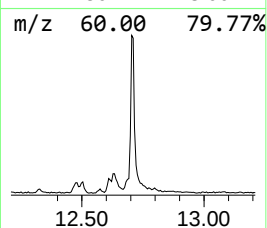
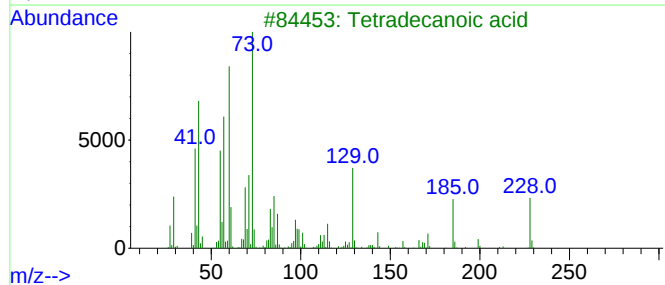
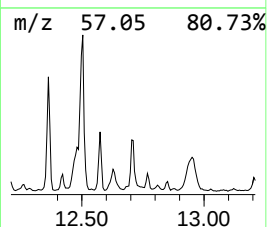
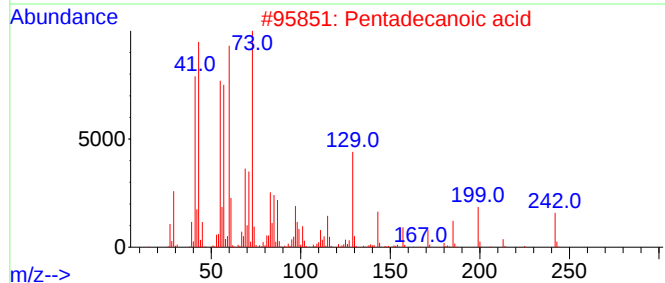
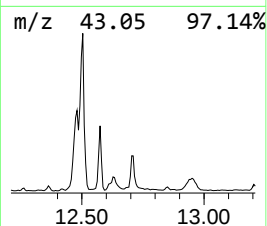
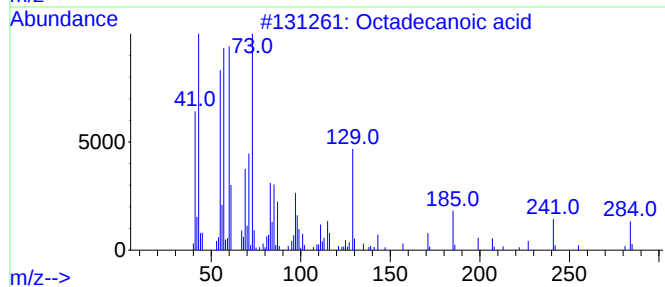
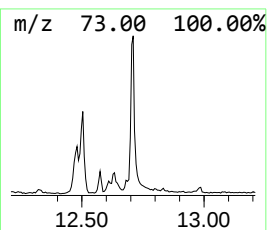
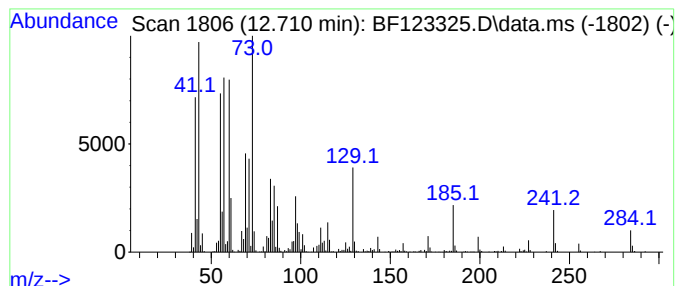
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	9.55 ng	1029410	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
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Acq On : 1 Mar 2021 14:24
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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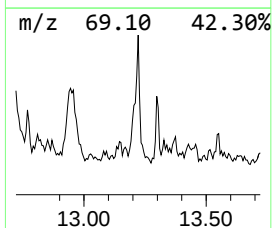
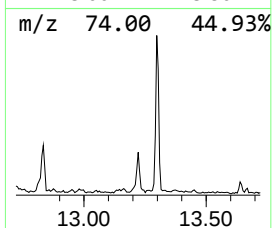
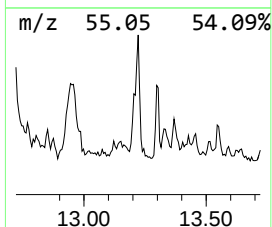
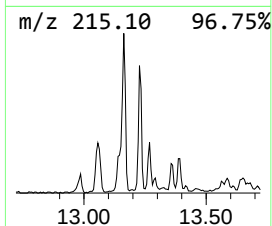
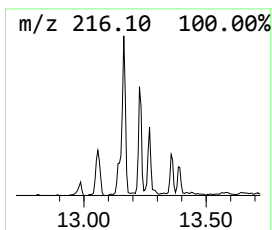
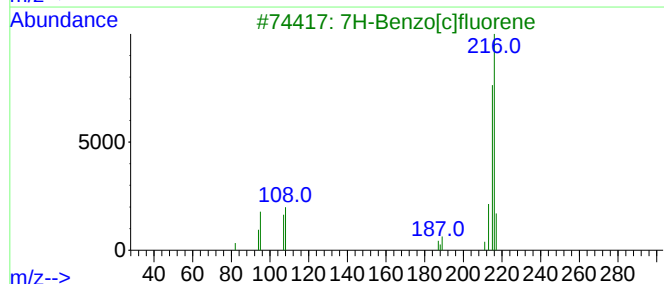
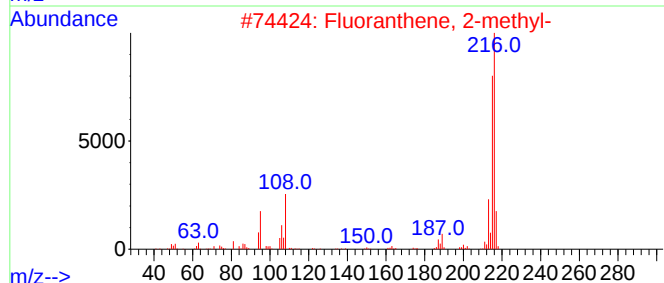
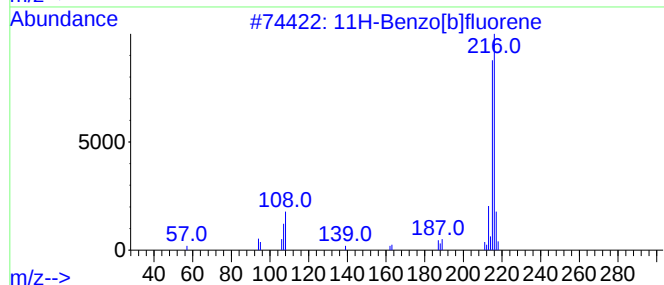
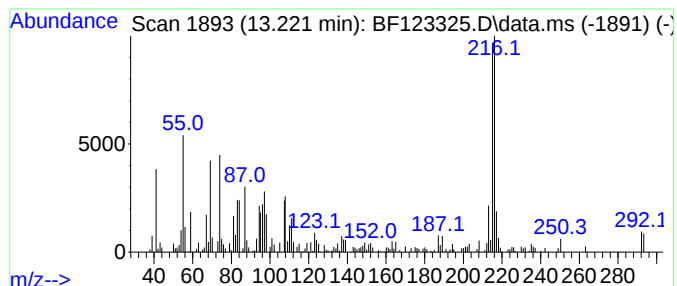
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.221	2.58 ng	310429	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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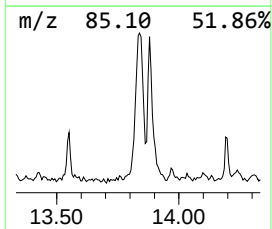
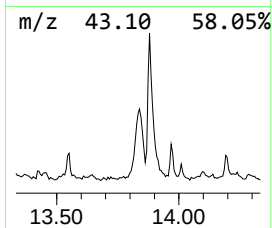
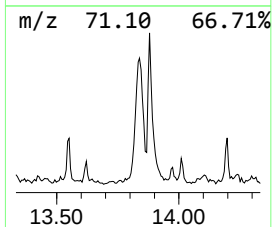
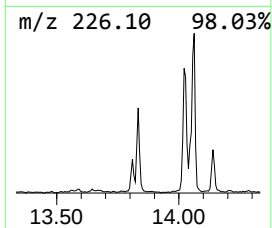
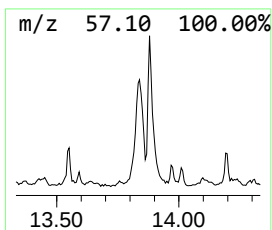
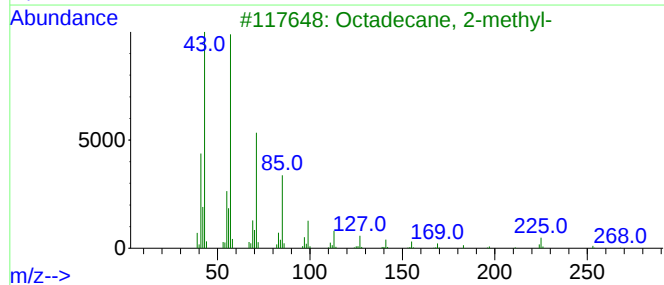
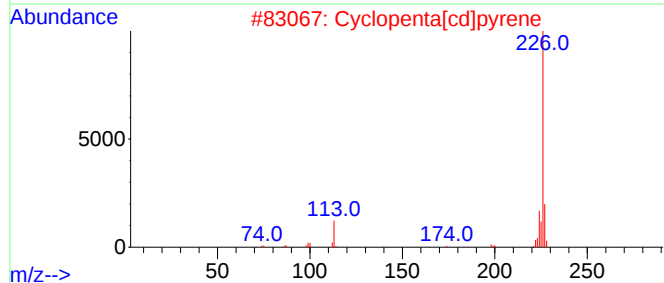
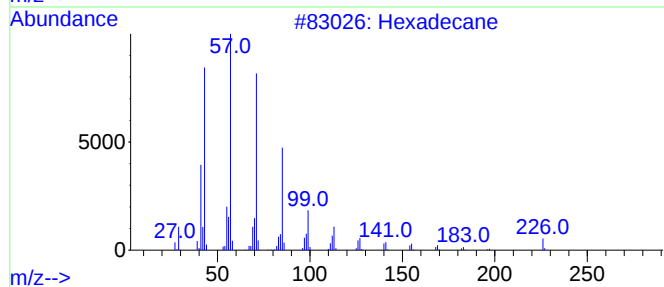
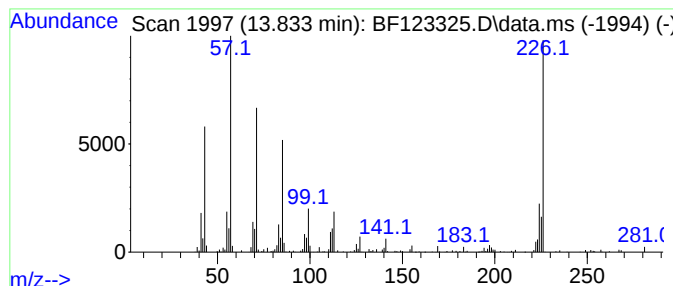
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	5.54 ng	667809	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	81
2			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	43
4			Heneicosane	296	C21H44	000629-94-7	41
5			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
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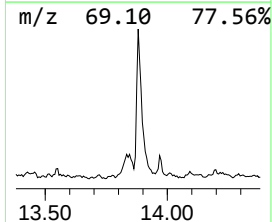
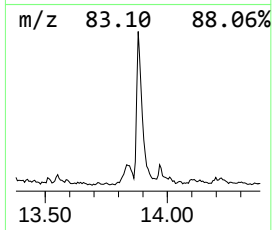
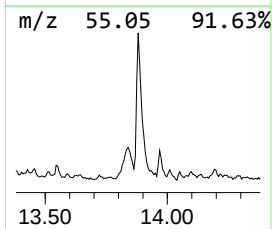
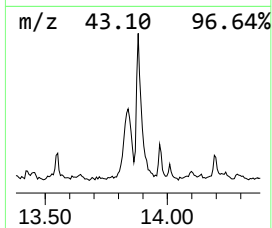
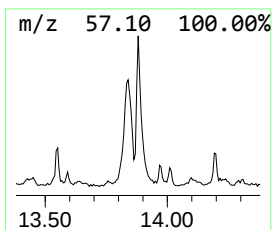
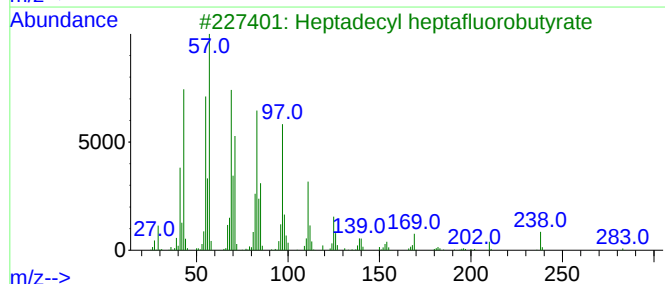
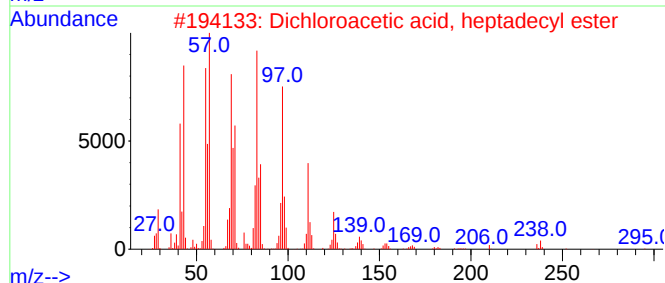
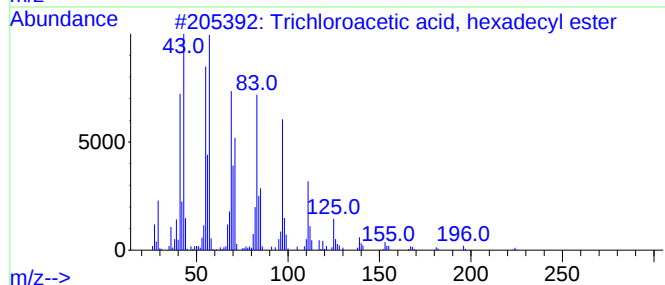
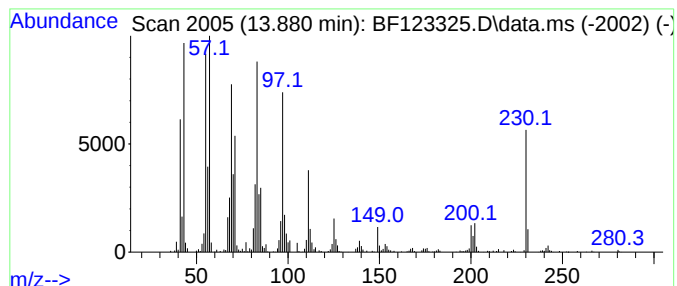
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ClientSampleId :
BU-02-022621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.880	10.00 ng	1205130	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
BU-02-022621

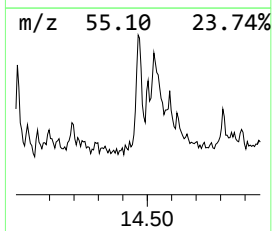
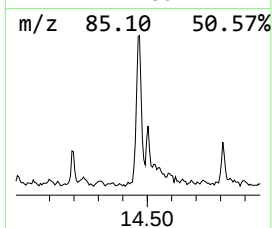
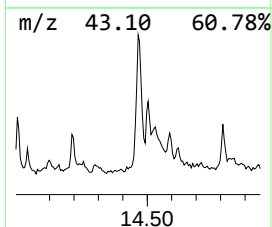
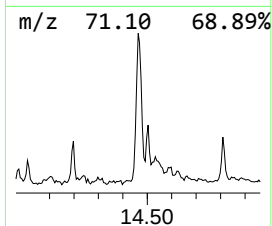
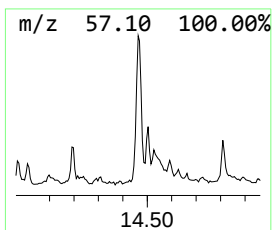
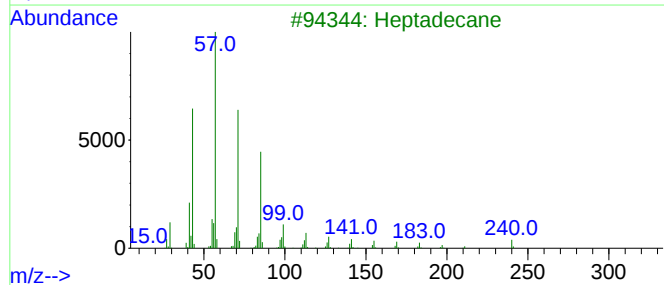
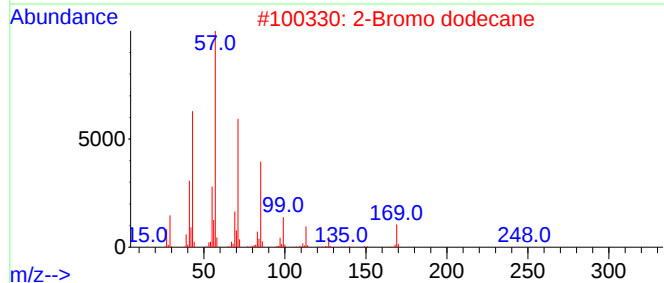
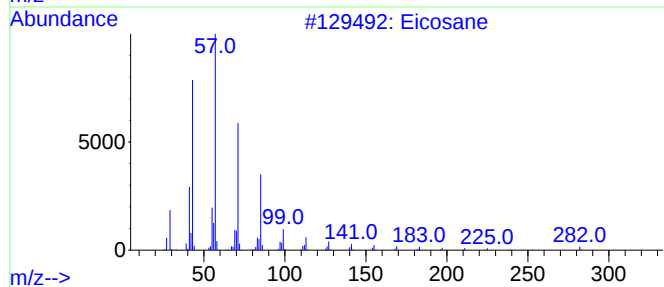
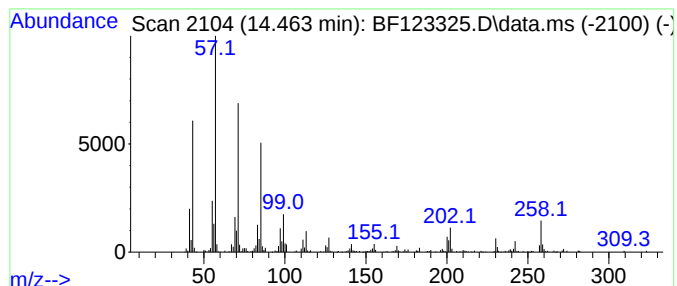
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	5.68 ng	684370	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	2-Bromo dodecane			248	C12H25Br	013187-99-0	90
3	Heptadecane			240	C17H36	000629-78-7	90
4	Octacosane			394	C28H58	000630-02-4	81
5	Hexacosane			366	C26H54	000630-01-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-022621

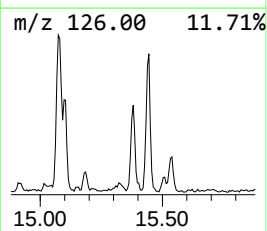
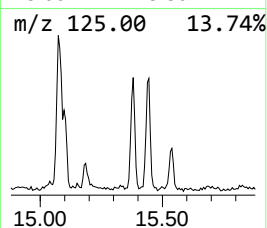
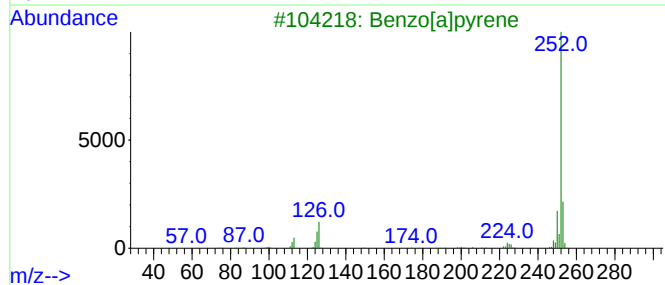
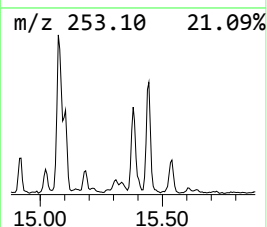
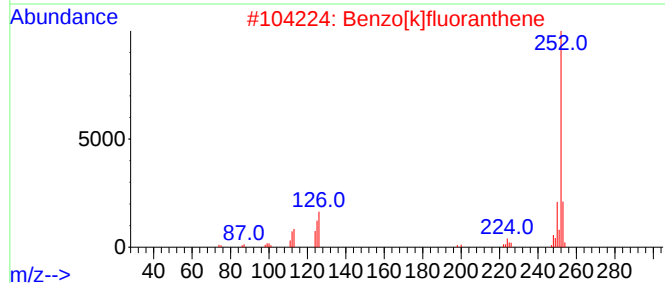
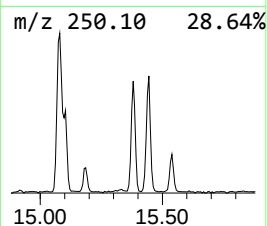
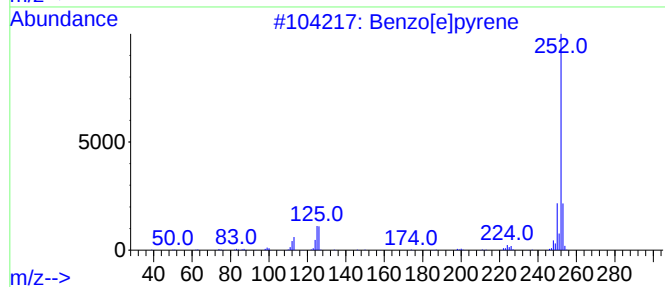
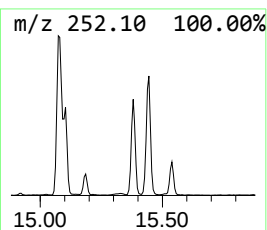
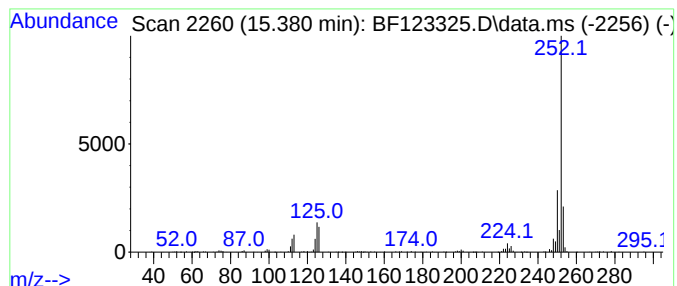
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	6.35 ng	449041	Perylene-d12	15.509

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	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Perylene	252	C20H12	000198-55-0	94
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-022621

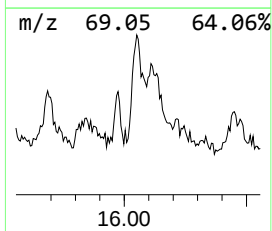
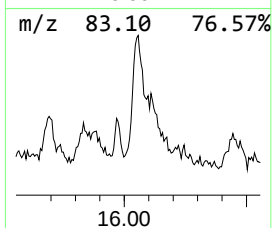
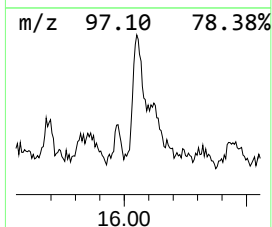
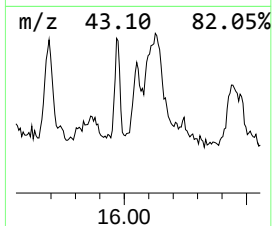
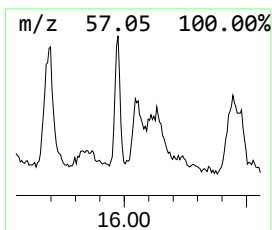
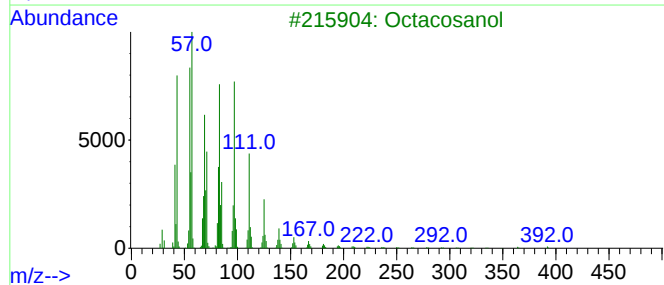
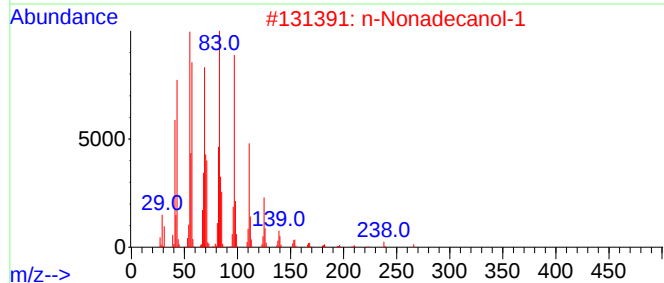
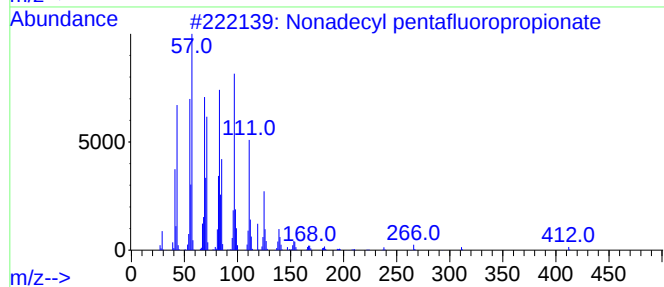
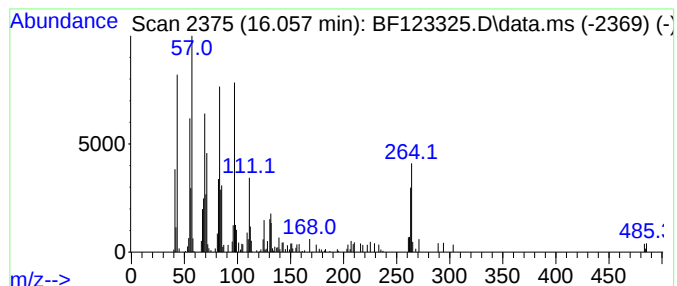
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecyl pentafluoropropio... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	4.00 ng	282813	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	70
3		Octacosanol	410	C28H58O	000557-61-9	68
4		1-Docosene	308	C22H44	001599-67-3	68
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-022621

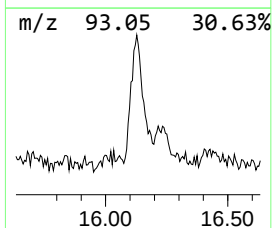
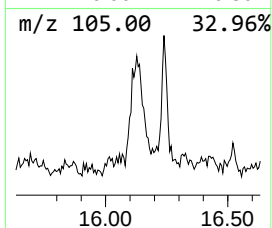
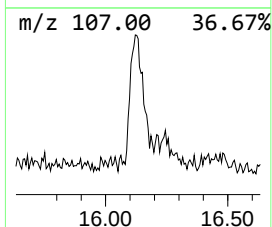
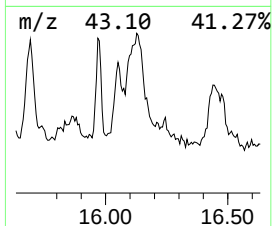
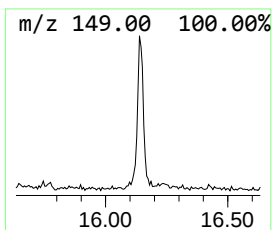
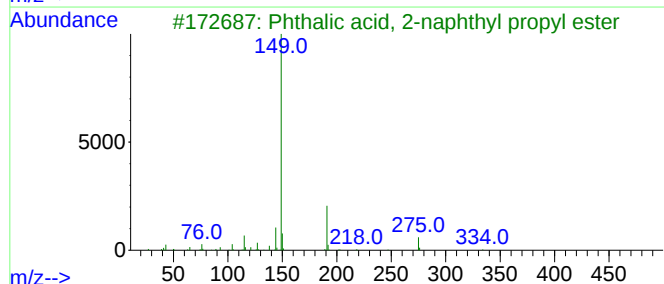
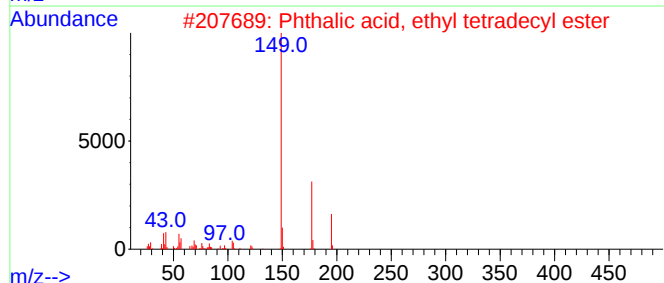
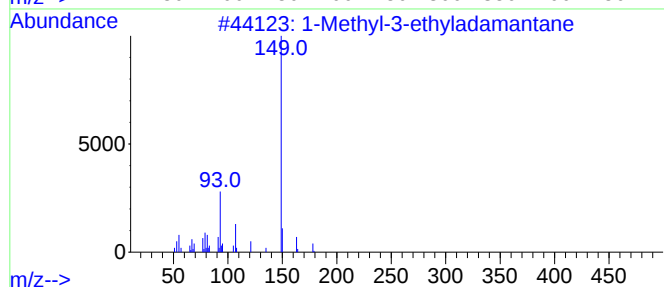
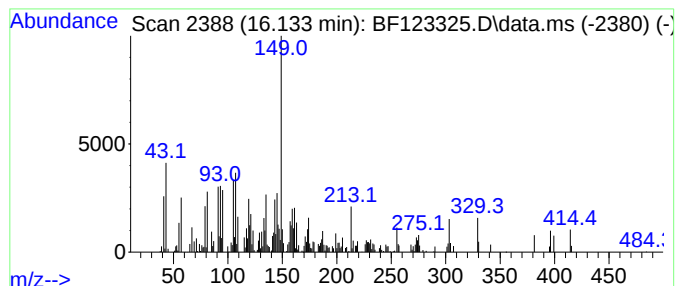
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown16.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	11.03 ng	779761	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	25
2			Phthalic acid, ethyl tetradecyl ...	390	C24H38O4	1000309-00-5	22
3			Phthalic acid, 2-naphthyl propyl...	334	C21H18O4	1000315-23-9	22
4			Phthalic acid, cis-hex-3-enyl, o...	500	C32H52O4	1000360-44-7	22
5			Benzene, 1-isocyanato-3-methoxy-	149	C8H7NO2	018908-07-1	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
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ClientSampleId :
BU-02-022621

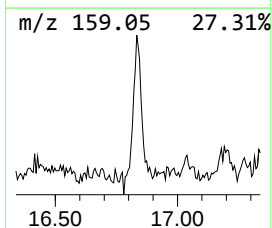
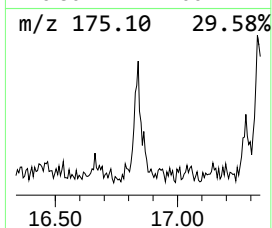
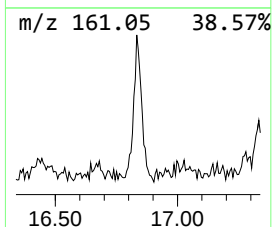
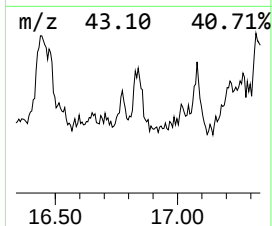
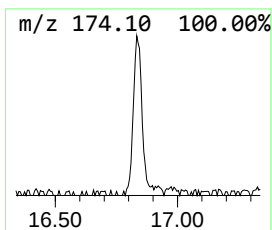
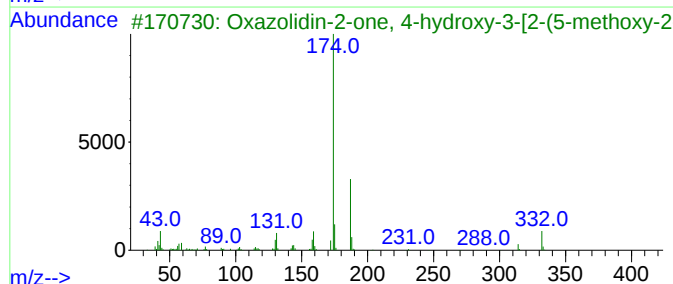
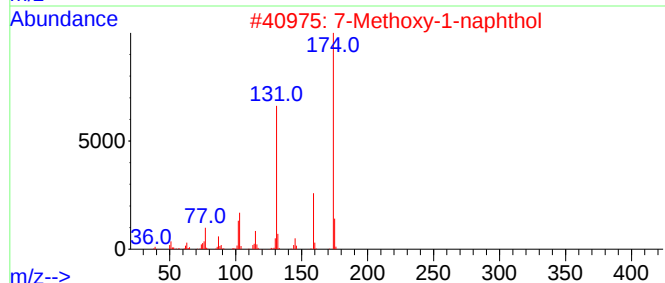
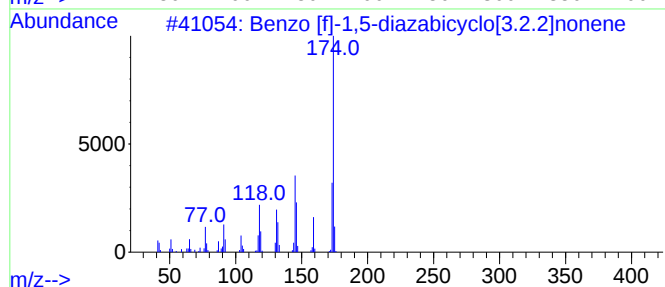
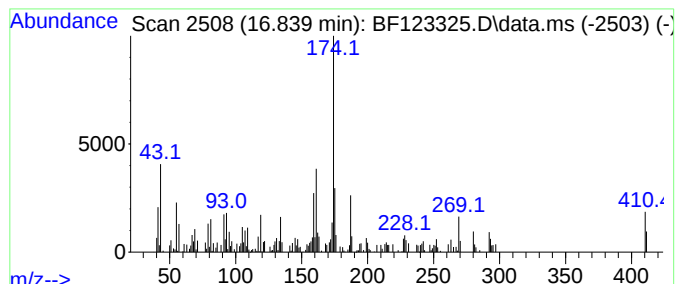
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown16.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.839	4.34 ng	306580	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo [f]-1,5-diazabicyclo[3.2.2...	174	C11H14N2	007092-76-4	35
2			7-Methoxy-1-naphthol	174	C11H10O2	067247-13-6	35
3			Oxazolidin-2-one, 4-hydroxy-3-[2...	332	C18H24N2O4	1000310-03-3	35
4			5-Methyl-5,8-dihydro-1,4-naphtho...	174	C11H10O2	086759-40-2	35
5			Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
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ClientSampleId :
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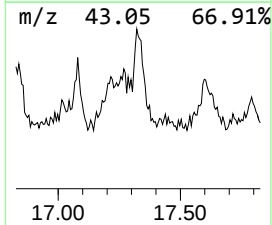
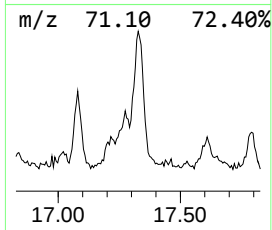
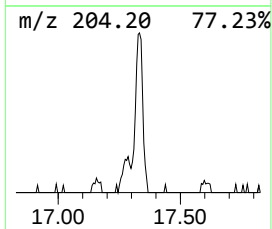
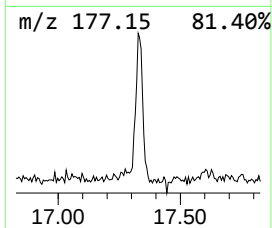
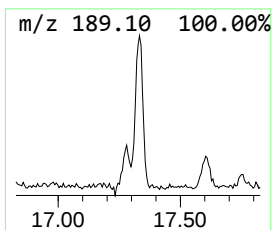
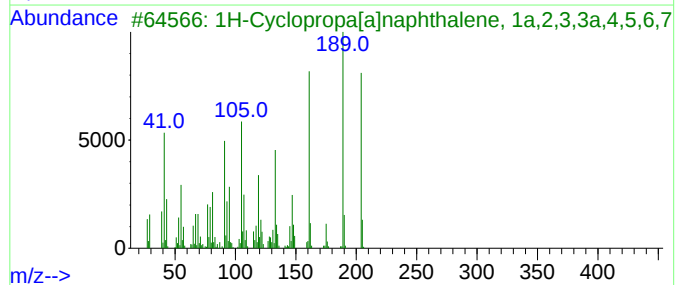
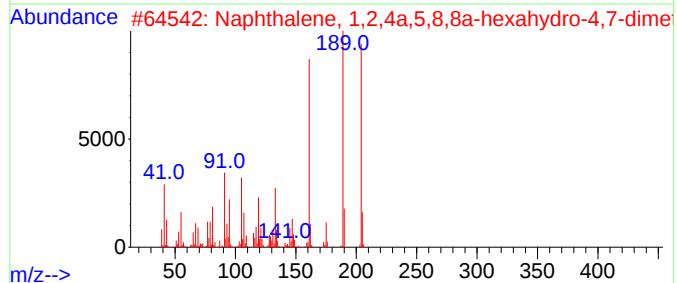
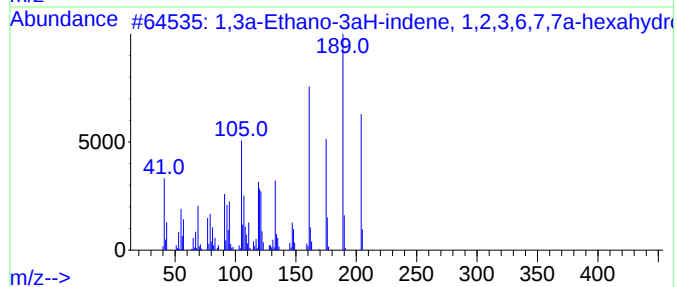
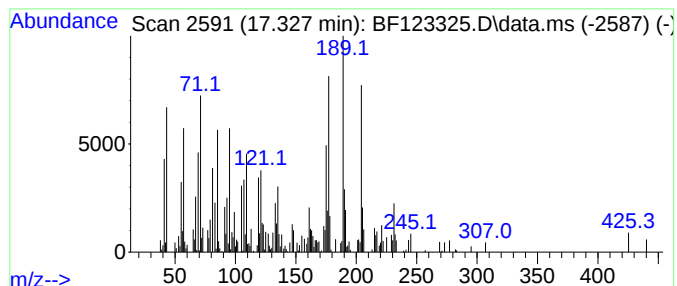
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,3a-Ethano-3aH-indene, 1,2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.327	6.47 ng	457667	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	64		
2	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	42		
3	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	30		
4	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	30		
5	Aciphyllene	204	C15H24	087745-31-1	30		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
Sample : M1509-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-022621

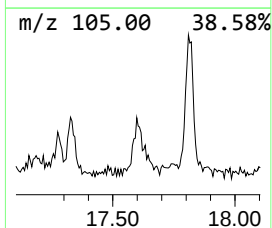
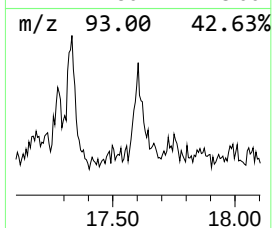
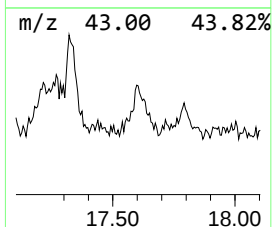
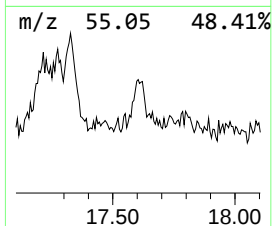
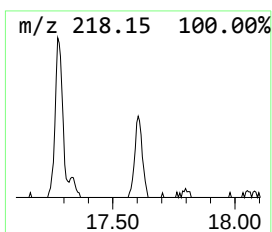
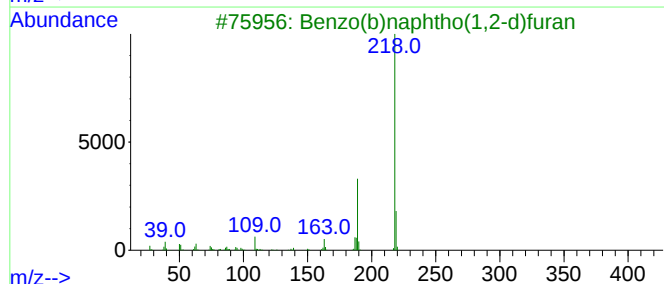
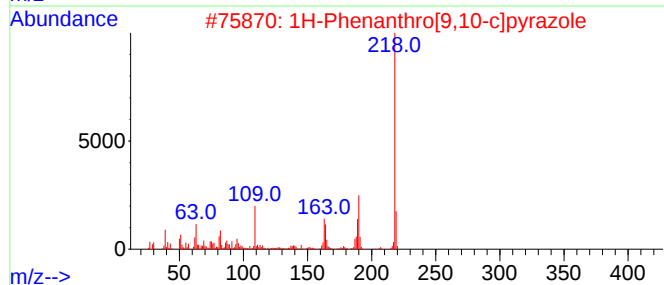
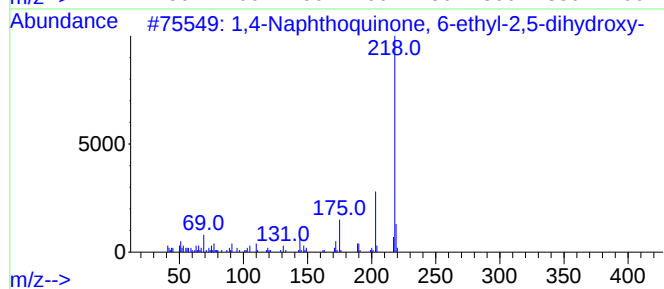
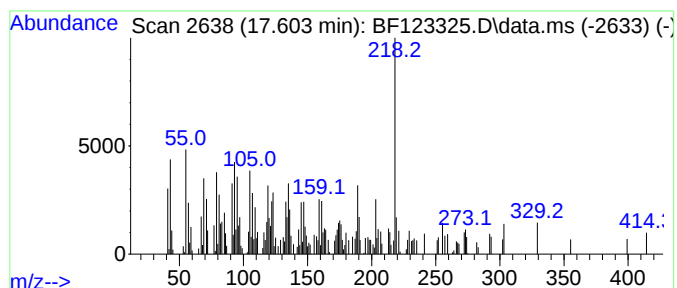
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown17.60 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.604	2.48 ng	175133	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	46
2		1H-Phenanthro[9,10-c]pyrazole	218	C15H10N2	078529-79-0	46
3		Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	45
4		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	43
5		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123325.D
 Acq On : 1 Mar 2021 14:24
 Operator : JU/CG
 Sample : M1509-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-022621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.334	19.6	ng	1362480	1	6.851	1391370	20.0
Hexadecanoic ac...	11.780	28.8	ng	3098900	4	11.386	2155440	20.0
Phenanthrene, 2...	11.886	2.4	ng	253624	4	11.386	2155440	20.0
n-Hexadecanoic ...	11.927	21.3	ng	2294490	4	11.386	2155440	20.0
9,10-Anthracene...	12.204	2.6	ng	280984	4	11.386	2155440	20.0
unknown12.36	12.363	4.3	ng	459207	4	11.386	2155440	20.0
9,12-Octadecadi...	12.480	145.0	ng	15629600	4	11.386	2155440	20.0
9-Octadecenoic ...	12.504	94.3	ng	10165900	4	11.386	2155440	20.0
Octadecanoic acid	12.710	9.6	ng	1029410	4	11.386	2155440	20.0
11H-Benzo[b]flu...	13.221	2.6	ng	310429	5	14.039	2409890	20.0
Hexadecane	13.833	5.5	ng	667809	5	14.039	2409890	20.0
Trichloroacetic...	13.880	10.0	ng	1205130	5	14.039	2409890	20.0
Eicosane	14.463	5.7	ng	684370	5	14.039	2409890	20.0
Benzo[e]pyrene	15.380	6.3	ng	449041	6	15.509	1413980	20.0
Nonadecyl penta...	16.057	4.0	ng	282813	6	15.509	1413980	20.0
unknown16.13	16.133	11.0	ng	779761	6	15.509	1413980	20.0
unknown16.83	16.839	4.3	ng	306580	6	15.509	1413980	20.0
1,3a-Ethano-3aH...	17.327	6.5	ng	457667	6	15.509	1413980	20.0
unknown17.60	17.604	2.5	ng	175133	6	15.509	1413980	20.0