

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120192.D
 Acq On : 24 Apr 2020 10:39
 Operator : MA/SJ
 Sample : L2397-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.269	536	541	558	rBV	3039031	3064777	73.14%	8.590%
2	6.310	713	718	721	rBV	3272508	3152315	75.22%	8.835%
3	6.663	774	778	781	rBV	961396	822394	19.62%	2.305%
4	6.816	800	804	808	rBV	2789047	2650358	63.25%	7.428%
5	7.228	869	874	877	rBV	2137069	2214653	52.85%	6.207%
6	7.945	992	996	1000	rBV	1343618	1112780	26.55%	3.119%
7	9.028	1175	1180	1183	rBV	4956980	4190544	100.00%	11.745%
8	9.422	1243	1247	1251	rBV	589073	452250	10.79%	1.268%
9	9.557	1268	1270	1274	rBV	79889	68379	1.63%	0.192%
10	9.698	1290	1294	1298	rBV	1522272	1256767	29.99%	3.522%
11	10.492	1424	1429	1432	rBV	2654617	2527212	60.31%	7.083%
12	11.180	1542	1546	1549	rBV	1520746	1303137	31.10%	3.652%
13	11.204	1549	1550	1553	rVV	224233	127638	3.05%	0.358%
14	11.257	1556	1559	1562	rVB	84348	66072	1.58%	0.185%
15	11.680	1628	1631	1634	rBV	89798	75125	1.79%	0.211%
16	11.722	1634	1638	1642	rVV2	486867	553366	13.21%	1.551%
17	11.757	1642	1644	1647	rVV	92075	94819	2.26%	0.266%
18	11.792	1647	1650	1653	rVV	204141	232404	5.55%	0.651%
19	11.816	1653	1654	1662	rVB	85671	57228	1.37%	0.160%
20	11.980	1675	1682	1684	rBV	59135	61624	1.47%	0.173%
21	12.233	1720	1725	1727	rBV	95464	100365	2.40%	0.281%
22	12.269	1727	1731	1733	rVV	73628	96407	2.30%	0.270%
23	12.316	1736	1739	1744	rVV2	65846	90308	2.16%	0.253%
24	12.392	1748	1752	1756	rBV	530488	489438	11.68%	1.372%
25	12.439	1757	1760	1766	rVV3	47773	84242	2.01%	0.236%
26	12.504	1769	1771	1776	rVV3	146224	188125	4.49%	0.527%
27	12.539	1776	1777	1785	rVV4	47115	73645	1.76%	0.206%
28	12.616	1785	1790	1793	rVV	620653	631118	15.06%	1.769%
29	12.674	1797	1800	1804	rVB3	40494	53299	1.27%	0.149%
30	12.774	1812	1817	1820	rVV	4344804	4069805	97.12%	11.407%
31	12.839	1822	1828	1832	rBV3	78665	112226	2.68%	0.315%
32	12.951	1844	1847	1850	rVB	151499	154578	3.69%	0.433%
33	13.016	1850	1858	1861	rBV	157281	168620	4.02%	0.473%
34	13.051	1861	1864	1867	rBV2	123615	112117	2.68%	0.314%

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35	13.145	1877	1880	1882	rBV	73432	60937	1.45%	0.171%
36	13.174	1882	1885	1889	rVB	86974	78413	1.87%	0.220%
37	13.257	1895	1899	1903	rVB4	118671	123409	2.94%	0.346%
38	13.433	1925	1929	1931	rBV2	37360	53202	1.27%	0.149%
39	13.569	1946	1952	1954	rBV2	51681	75479	1.80%	0.212%
40	13.674	1966	1970	1978	rBV3	160229	264314	6.31%	0.741%
41	13.816	1989	1994	1997	rBV2	1149553	1318874	31.47%	3.696%
42	13.839	1997	1998	2007	rVB	283605	212193	5.06%	0.595%
43	13.992	2021	2024	2028	rBV3	53660	49281	1.18%	0.138%
44	14.204	2055	2060	2063	rBV	85749	90699	2.16%	0.254%
45	14.233	2063	2065	2070	rVB	57083	50634	1.21%	0.142%
46	14.298	2072	2076	2079	rVV2	138261	138724	3.31%	0.389%
47	14.345	2082	2084	2088	rVB2	53009	53641	1.28%	0.150%
48	14.574	2120	2123	2124	rBV	84371	76461	1.82%	0.214%
49	14.592	2124	2126	2133	rVB2	108823	126118	3.01%	0.353%
50	14.821	2161	2165	2176	rBV	248193	448599	10.71%	1.257%
51	14.904	2176	2179	2185	rVB3	98741	154308	3.68%	0.432%
52	15.104	2208	2213	2218	rVB	128155	160694	3.83%	0.450%
53	15.157	2218	2222	2227	rBV	226834	263224	6.28%	0.738%
54	15.215	2227	2232	2235	rVV	648206	754329	18.00%	2.114%
55	15.251	2235	2238	2246	rVB3	114378	179010	4.27%	0.502%
56	15.651	2302	2306	2311	rBV	63444	86144	2.06%	0.241%
57	16.110	2379	2384	2388	rBV4	32397	66667	1.59%	0.187%
58	16.557	2455	2460	2468	rVB2	91732	174330	4.16%	0.489%
59	16.957	2523	2528	2536	rBV2	60148	111875	2.67%	0.314%

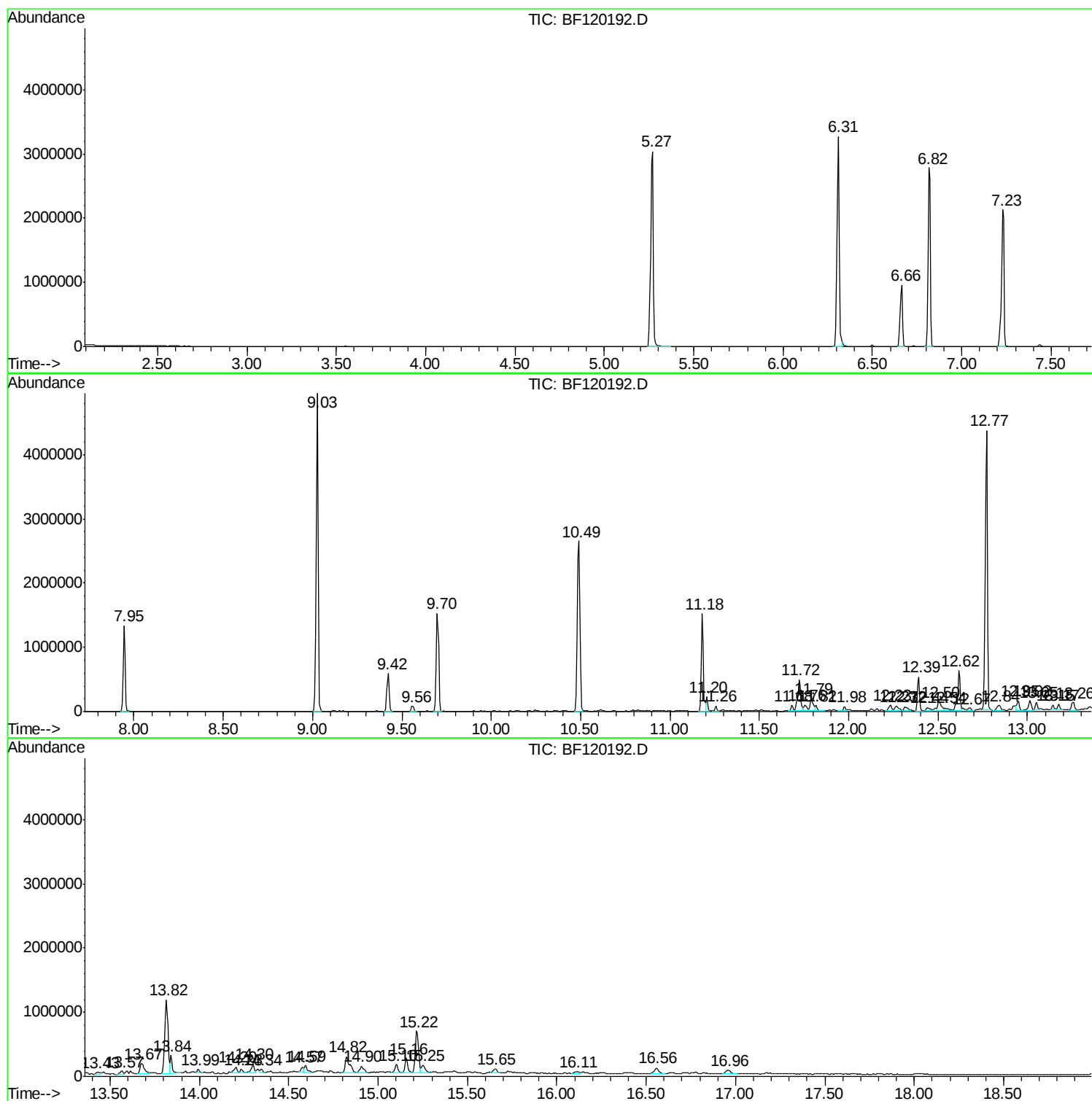
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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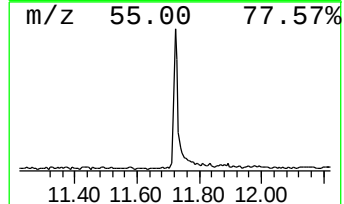
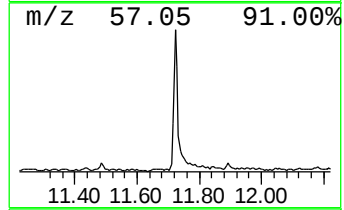
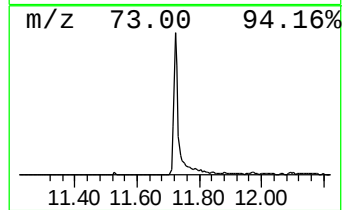
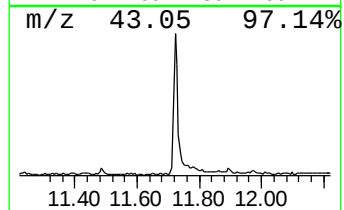
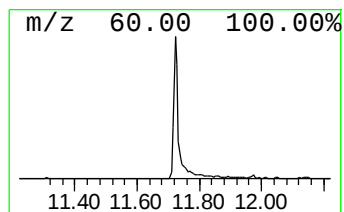
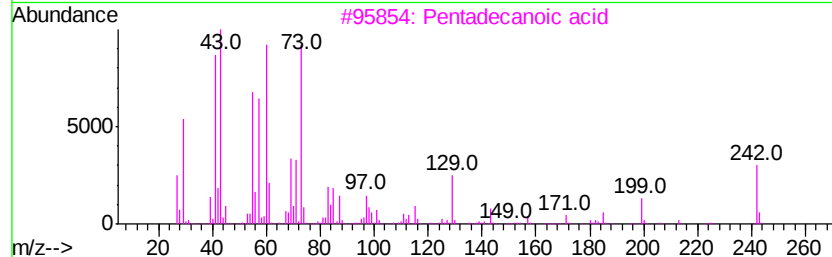
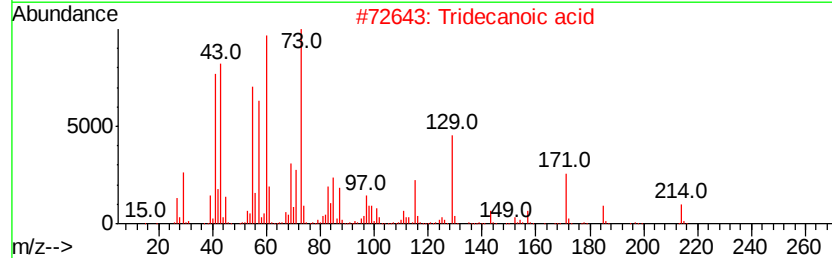
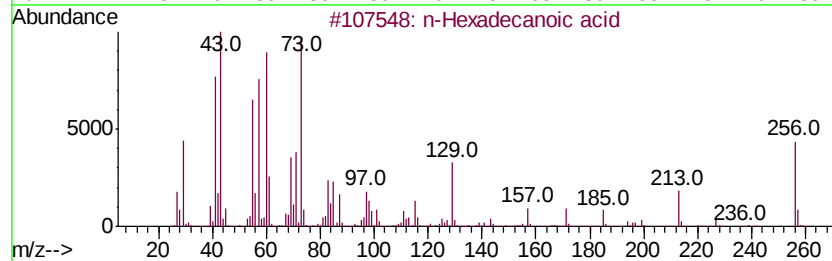
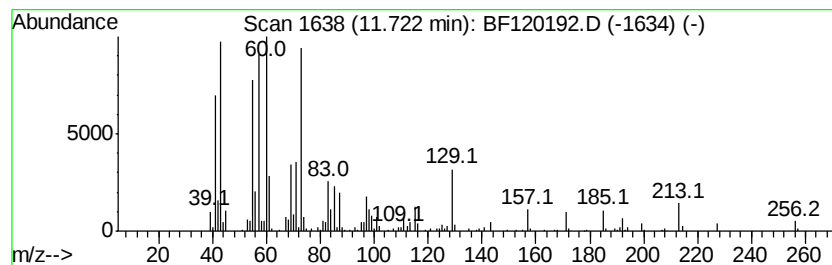
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.72	8.49 ng	553366	Phenanthrene-d10		11.18
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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64



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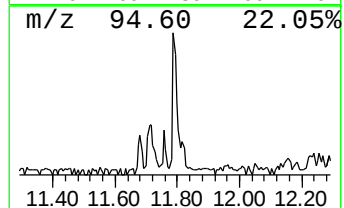
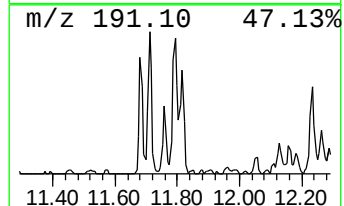
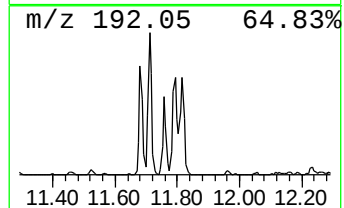
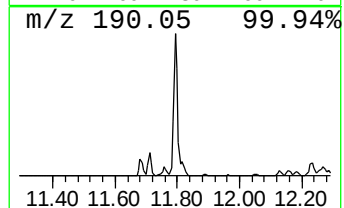
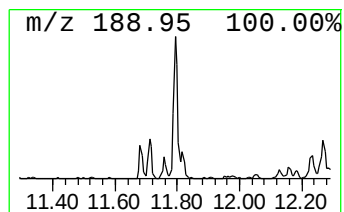
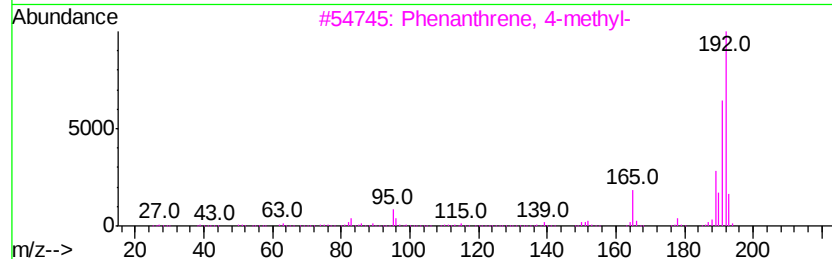
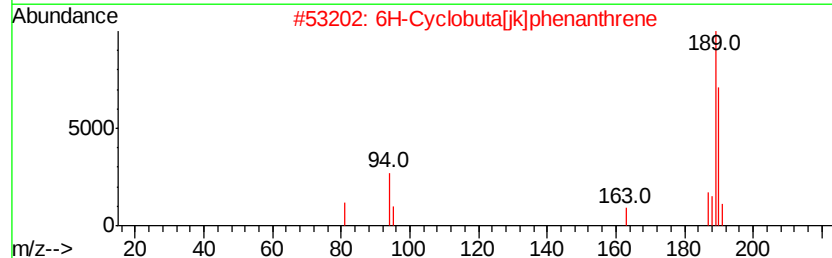
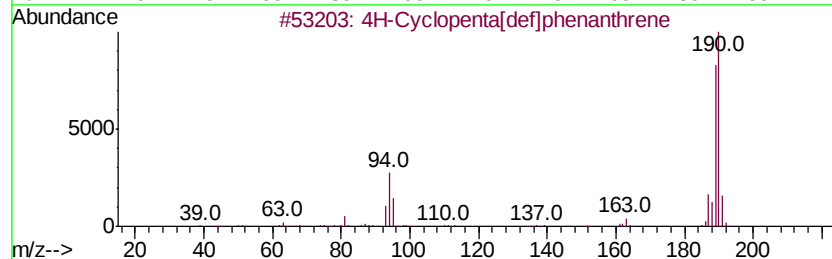
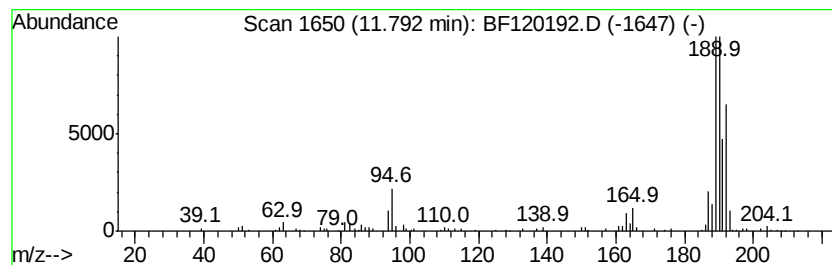
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.79	3.57 ng	232404	Phenanthrene-d10		11.18
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27



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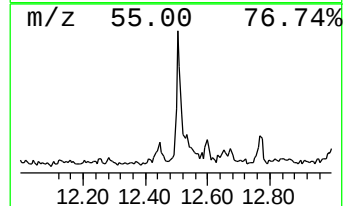
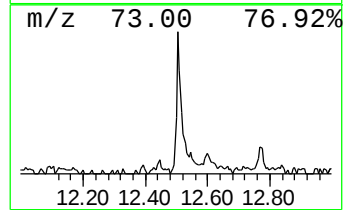
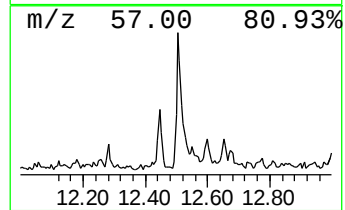
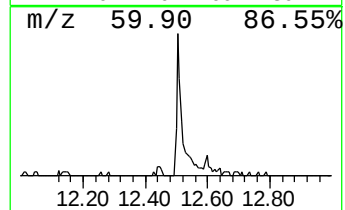
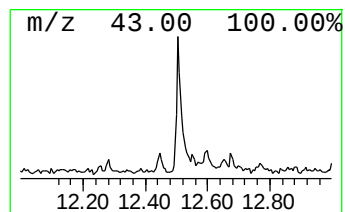
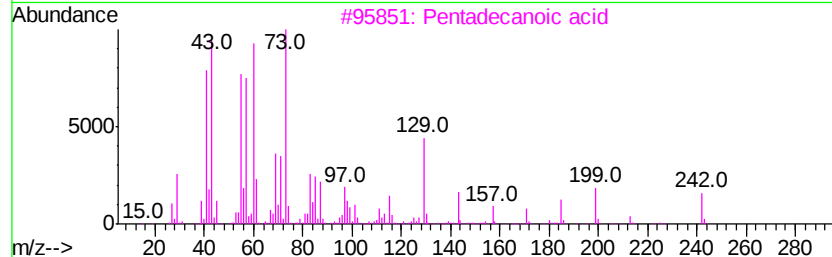
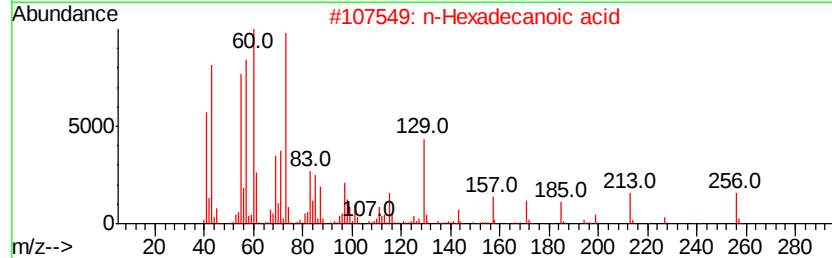
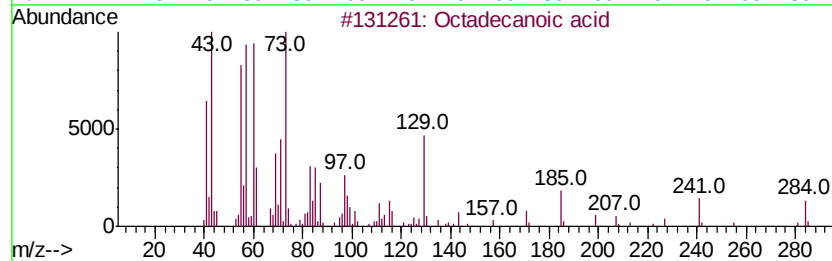
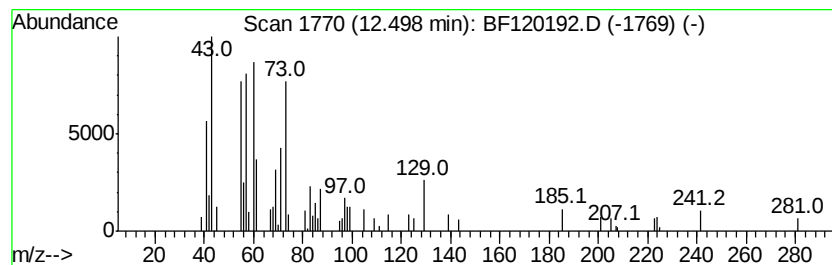
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.85 ng	188125	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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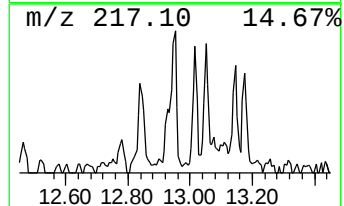
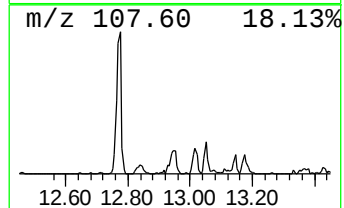
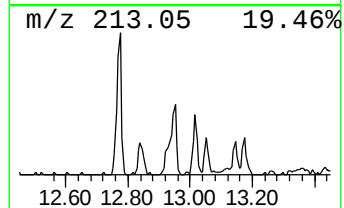
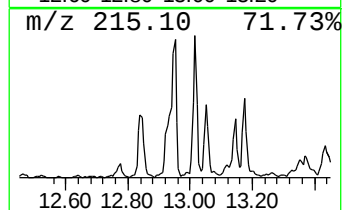
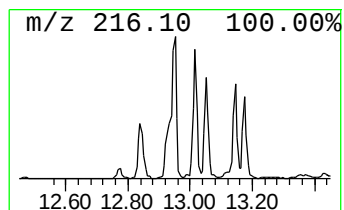
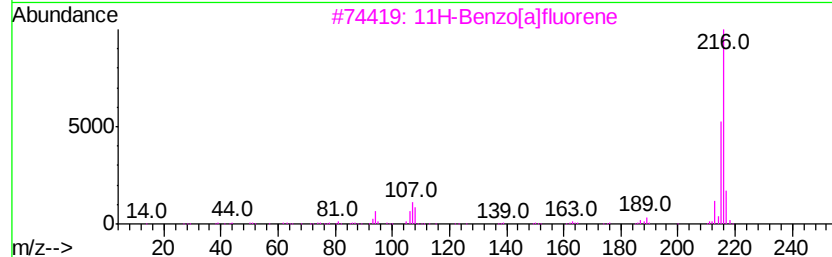
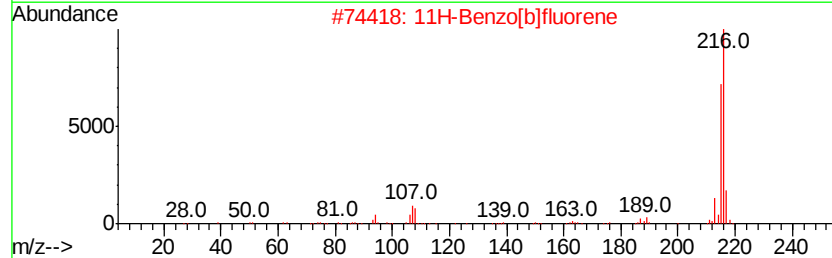
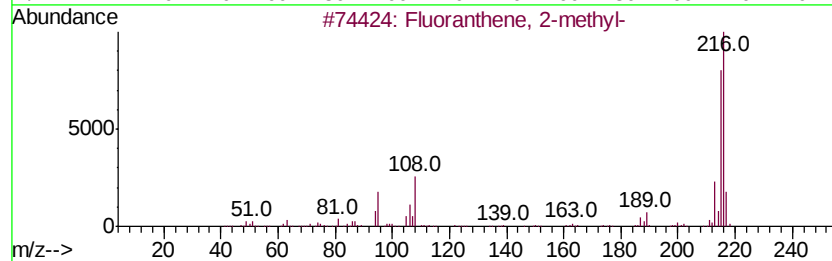
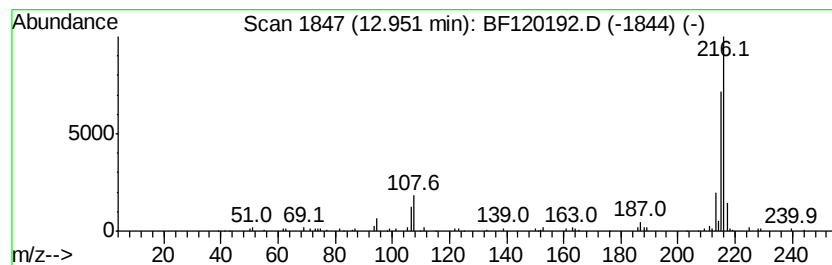
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.34 ng	154578	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	87
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	80



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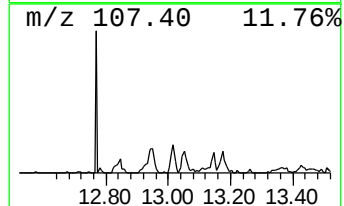
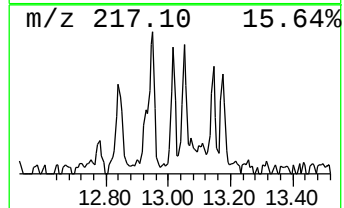
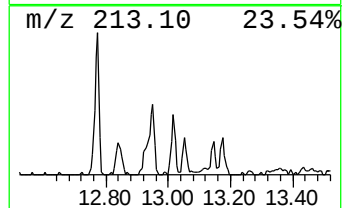
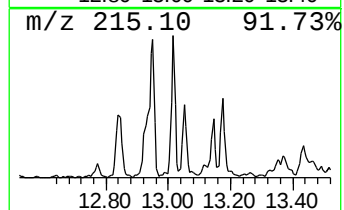
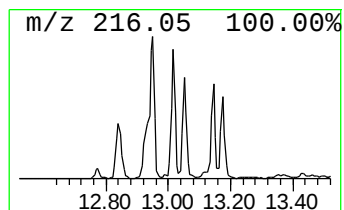
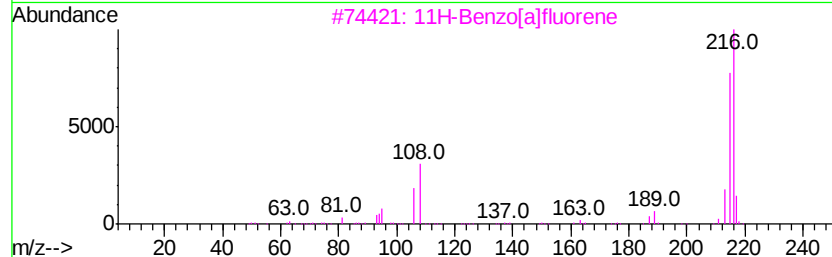
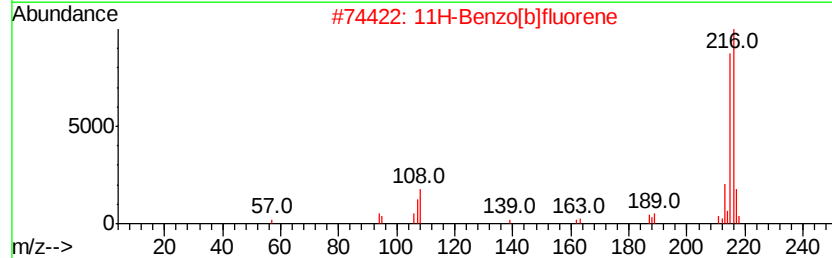
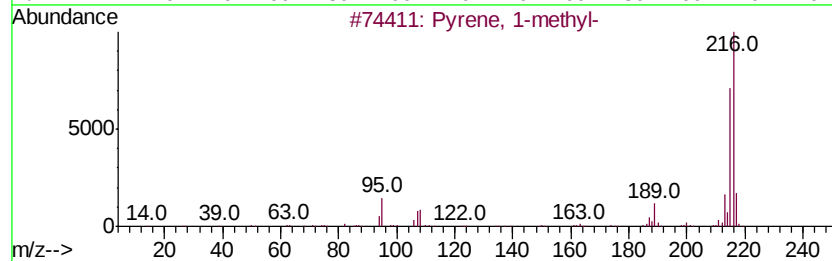
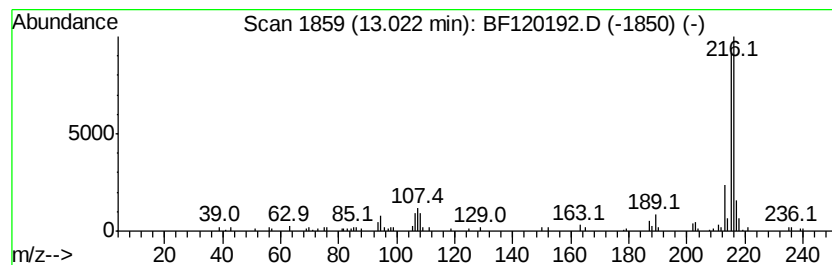
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.56 ng	168620	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120192.D
Acq On : 24 Apr 2020 10:39
Operator : MA/SJ
Sample : L2397-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

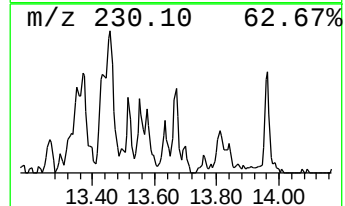
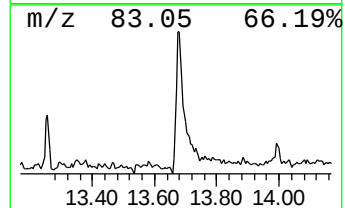
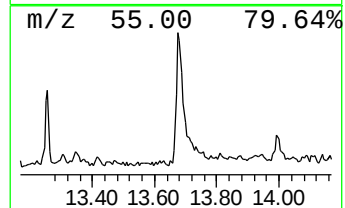
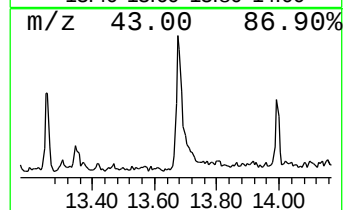
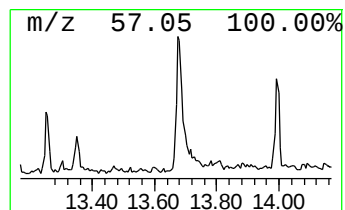
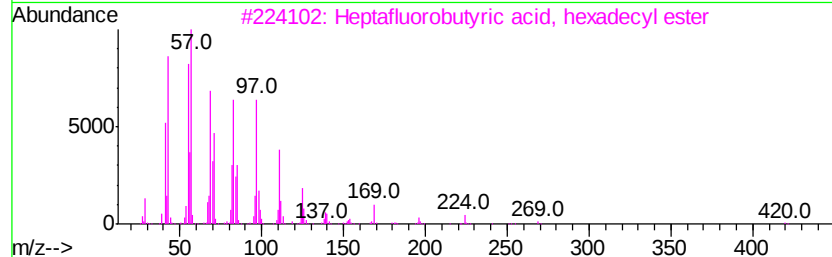
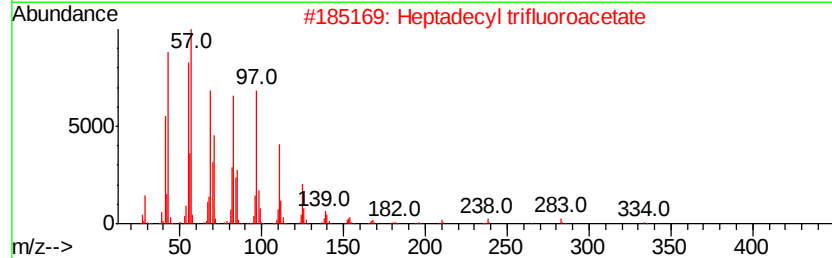
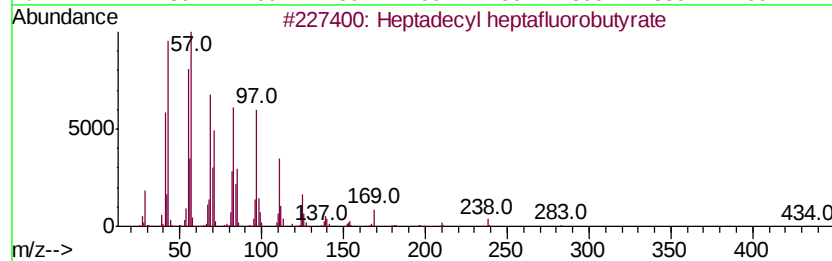
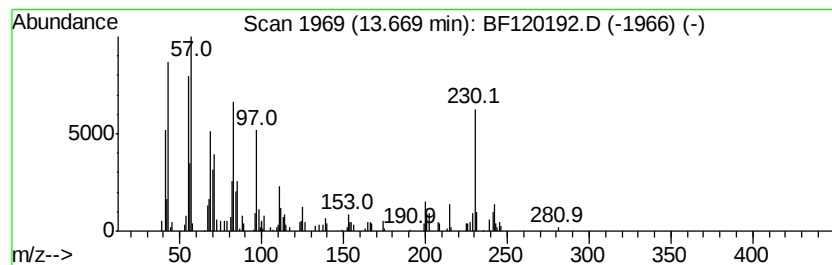
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.01 ng	264314	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120192.D
Acq On : 24 Apr 2020 10:39
Operator : MA/SJ
Sample : L2397-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

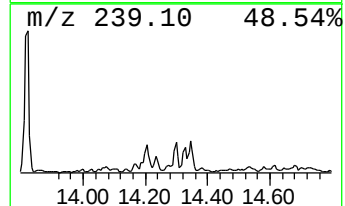
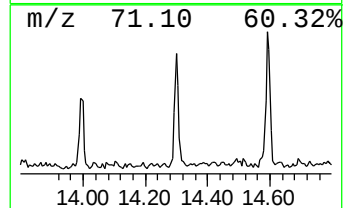
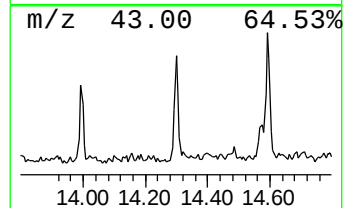
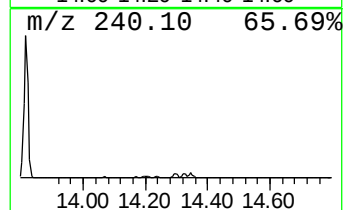
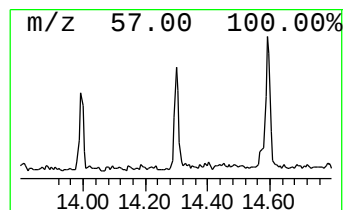
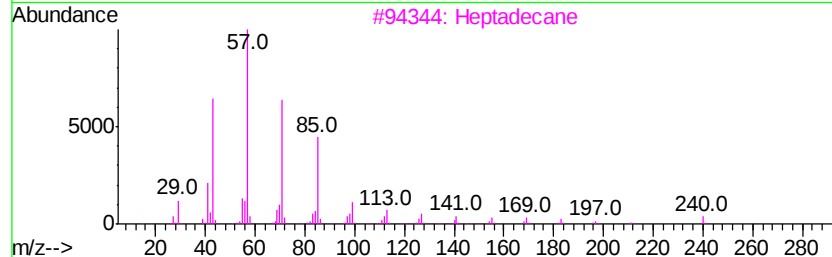
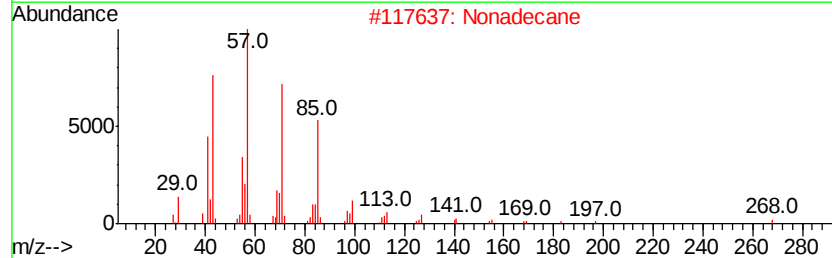
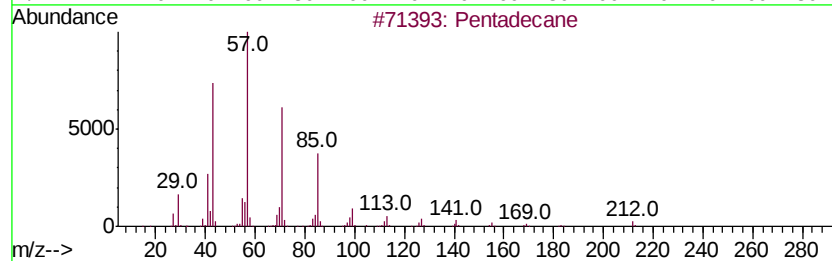
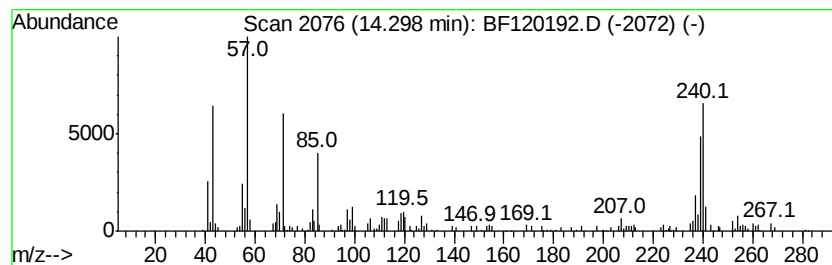
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ClientSampleId :
TP-1-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.10 ng	138724	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	53
2	Nonadecane	268 C19H40	000629-92-5	51
3	Heptadecane	240 C17H36	000629-78-7	49
4	Hexadecane	226 C16H34	000544-76-3	47
5	Octadecane	254 C18H38	000593-45-3	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120192.D
Acq On : 24 Apr 2020 10:39
Operator : MA/SJ
Sample : L2397-05
Misc :
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Instrument :
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ClientSampleId :
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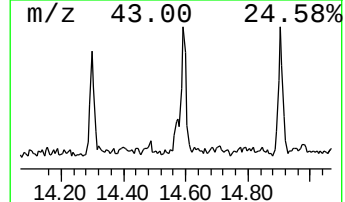
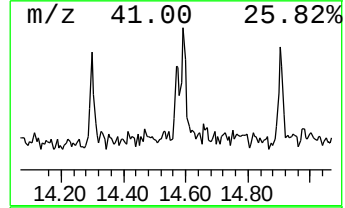
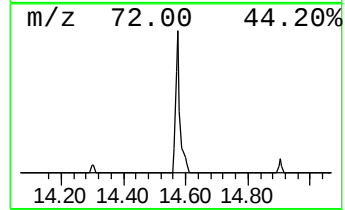
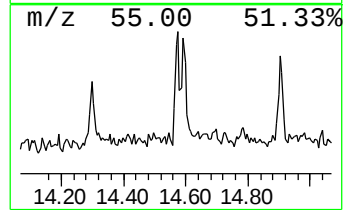
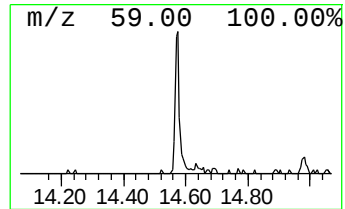
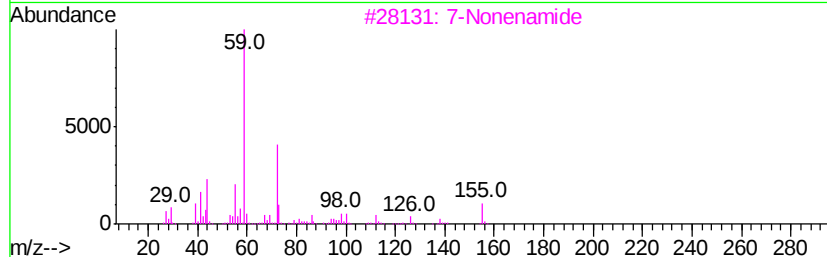
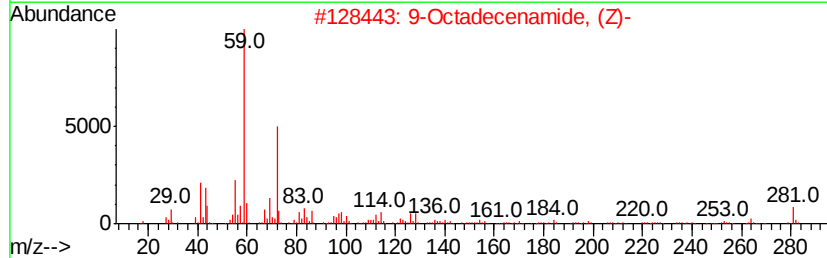
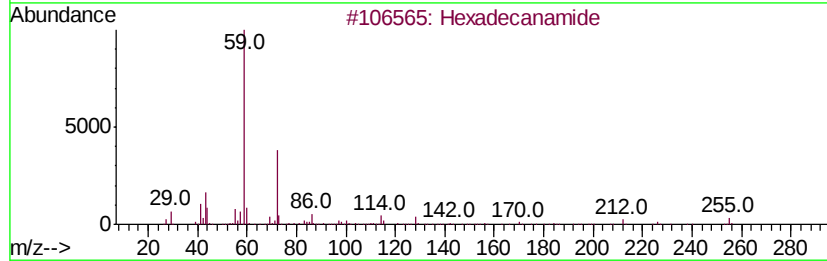
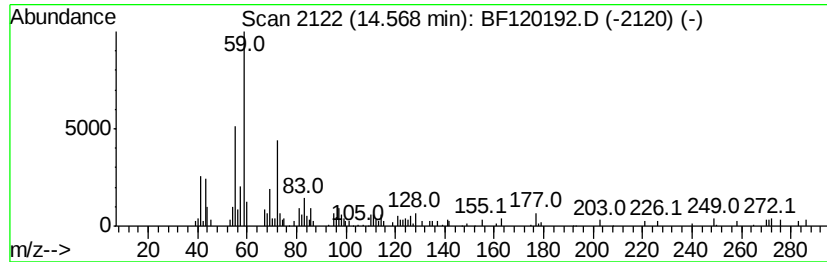
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanamide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.03 ng	76461	Perylene-d12	15.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide		255	C16H33NO	000629-54-9	86
2	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	86
3	7-Nonenamide		155	C9H17NO	090949-53-4	58
4	Dodecanamide		199	C12H25NO	001120-16-7	53
5	Decanamide-		171	C10H21NO	002319-29-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120192.D
Acq On : 24 Apr 2020 10:39
Operator : MA/SJ
Sample : L2397-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

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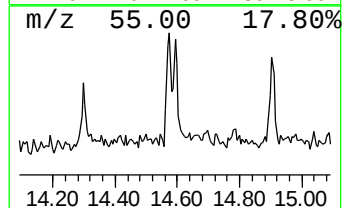
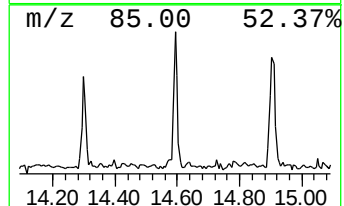
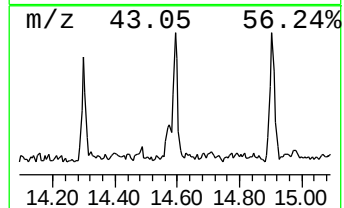
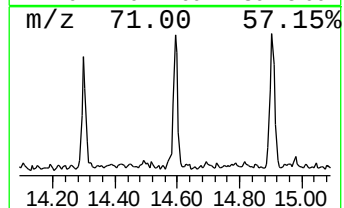
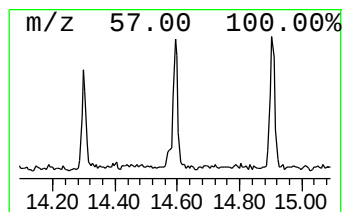
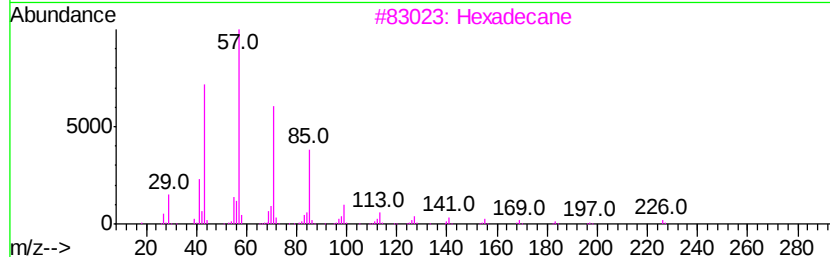
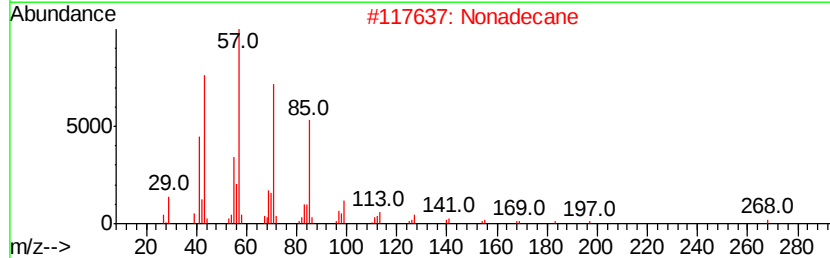
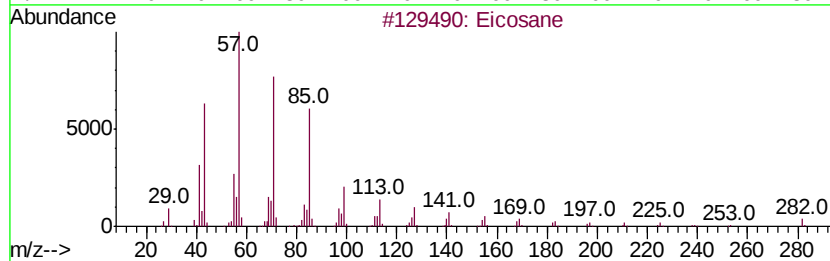
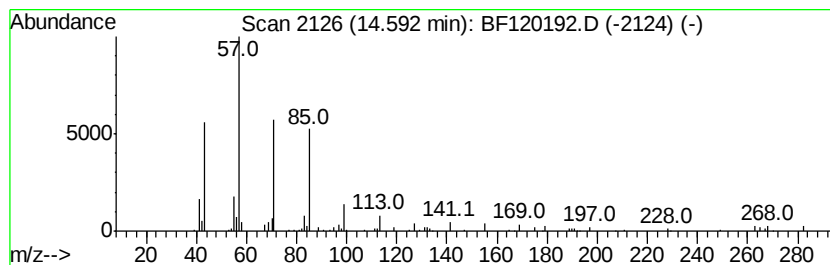
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.34 ng	126118	Perylene-d12	15.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	83
2	Nonadecane		268	C19H40	000629-92-5	80
3	Hexadecane		226	C16H34	000544-76-3	78
4	Undecane, 5-ethyl-5-propyl-		226	C16H34	002755-07-9	72
5	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120192.D
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Sample : L2397-05
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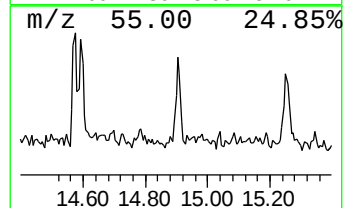
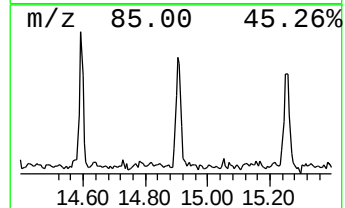
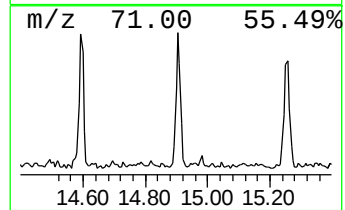
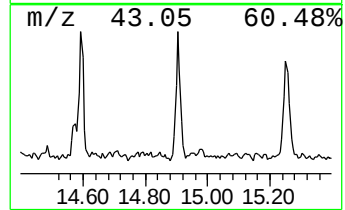
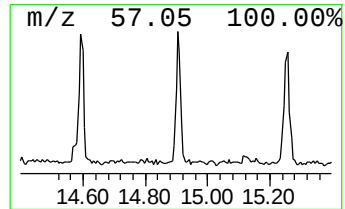
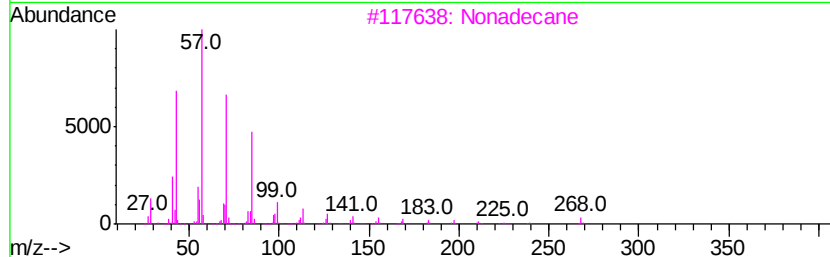
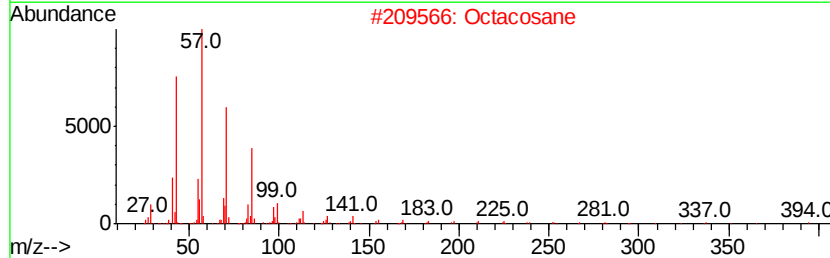
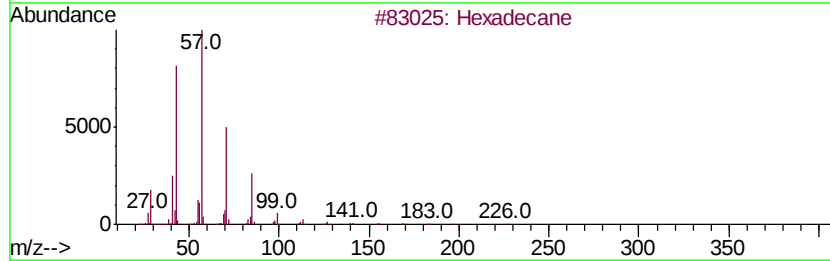
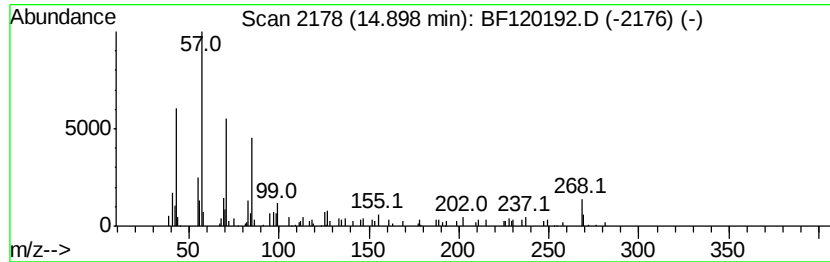
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.90	4.09 ng	154308	Perylene-d12	15.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Octacosane	394	C28H58	000630-02-4	87
3	Nonadecane	268	C19H40	000629-92-5	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
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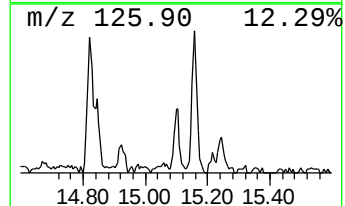
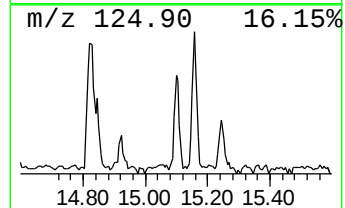
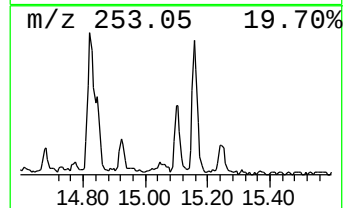
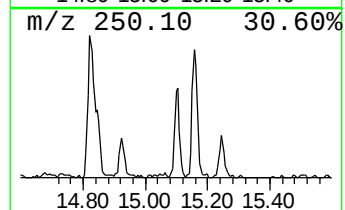
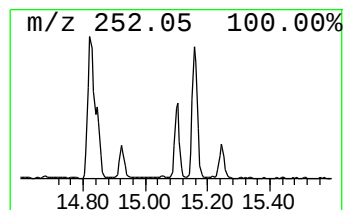
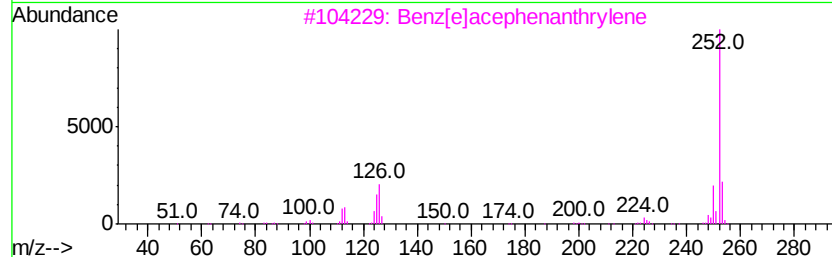
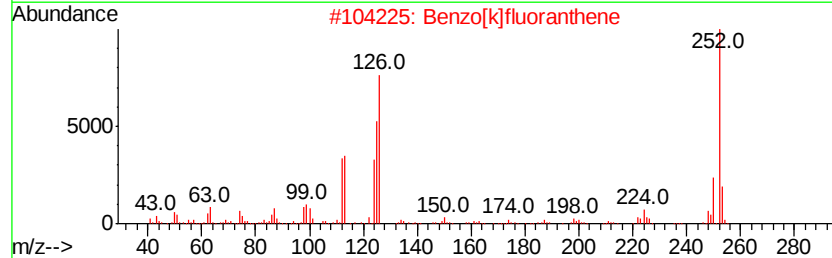
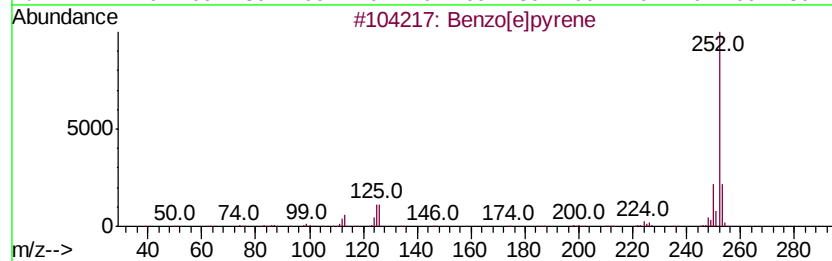
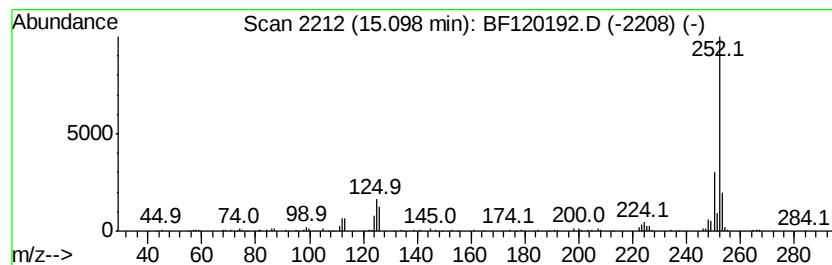
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.10	4.26 ng	160694	Perylene-d12	15.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120192.D
Acq On : 24 Apr 2020 10:39
Operator : MA/SJ
Sample : L2397-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

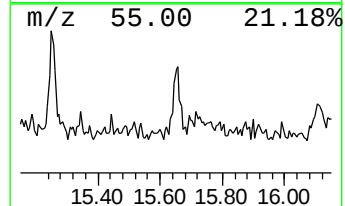
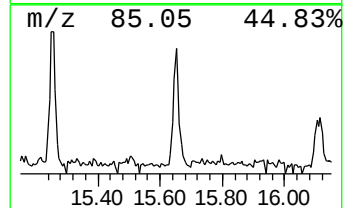
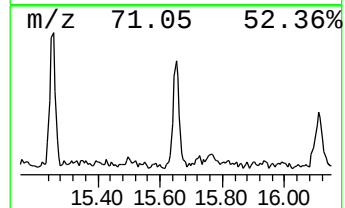
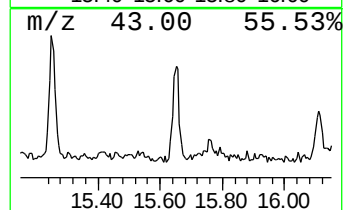
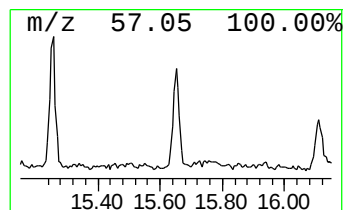
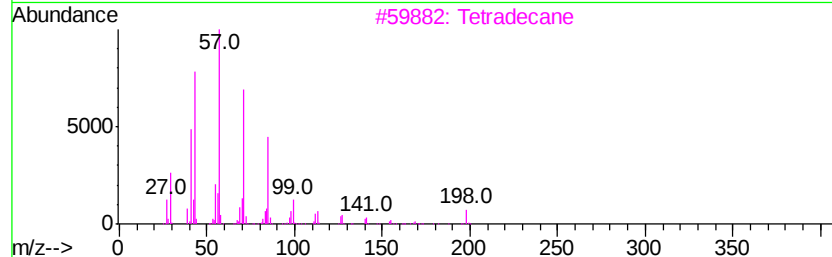
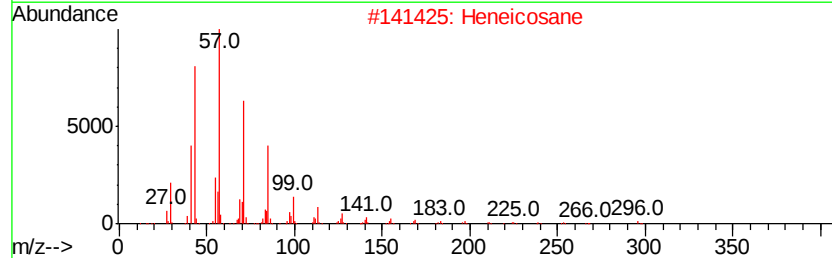
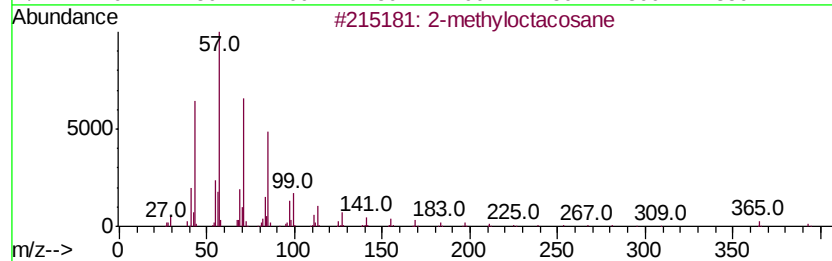
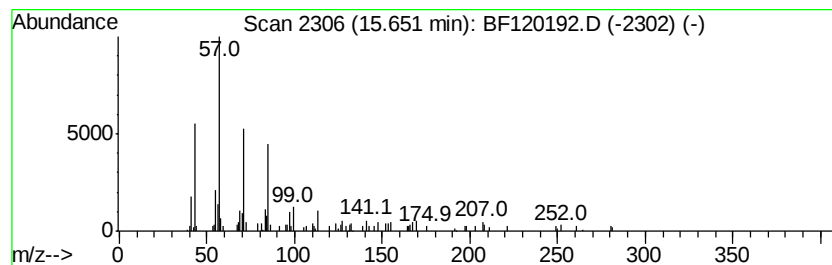
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.28 ng	86144	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	87
2			Heneicosane	296	C21H44	000629-94-7	86
3			Tetradecane	198	C14H30	000629-59-4	81
4			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042420\
 Data File : BF120192.D
 Acq On : 24 Apr 2020 10:39
 Operator : MA/SJ
 Sample : L2397-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
n-Hexadecanoic acid	11.72	8.5 ng		553366	4	11.18	1303140	20.0
4H-Cyclopenta[def...	11.79	3.6 ng		232404	4	11.18	1303140	20.0
Octadecanoic acid	12.50	2.9 ng		188125	5	13.82	1318870	20.0
Fluoranthene, 2-m...	12.95	2.3 ng		154578	5	13.82	1318870	20.0
Pyrene, 1-methyl-	13.02	2.6 ng		168620	5	13.82	1318870	20.0
Heptadecyl heptaf...	13.67	4.0 ng		264314	5	13.82	1318870	20.0
Pentadecane	14.30	2.1 ng		138724	5	13.82	1318870	20.0
Hexadecanamide	14.57	2.0 ng		76461	6	15.22	754329	20.0
Eicosane	14.59	3.3 ng		126118	6	15.22	754329	20.0
Hexadecane	14.90	4.1 ng		154308	6	15.22	754329	20.0
Benzo[e]pyrene	15.10	4.3 ng		160694	6	15.22	754329	20.0
2-methyloctacosane	15.65	2.3 ng		86144	6	15.22	754329	20.0