

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119010.D
 Acq On : 21 Feb 2020 23:39
 Operator : CG/JU
 Sample : L1626-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-051-A

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-BF022020.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	5.381	556	560	583	rBV	2762170	2625233	88.93%	9.517%
2	6.398	728	733	752	rBV	2451672	2503915	84.82%	9.078%
3	6.751	790	793	803	rBV	853895	787523	26.68%	2.855%
4	6.910	816	820	824	rBV	2667554	2332314	79.01%	8.455%
5	7.316	884	889	892	rBV	1795205	1602660	54.29%	5.810%
6	8.033	1007	1011	1021	rBV	1077696	945513	32.03%	3.428%
7	9.110	1189	1194	1197	rBV	3505761	2952076	100.00%	10.702%
8	9.504	1258	1261	1265	rVB	279131	219403	7.43%	0.795%
9	9.786	1305	1309	1313	rBV	1209456	989349	33.51%	3.587%
10	10.574	1439	1443	1453	rBV	2071156	1767309	59.87%	6.407%
11	11.269	1557	1561	1563	rBV	1118818	951836	32.24%	3.451%
12	11.292	1563	1565	1569	rVV	375029	307679	10.42%	1.115%
13	11.345	1569	1574	1579	rVB	77328	84844	2.87%	0.308%
14	11.504	1595	1601	1603	rBV2	26374	38896	1.32%	0.141%
15	11.769	1642	1646	1649	rBV	71075	71032	2.41%	0.258%
16	11.804	1649	1652	1655	rBV	234691	234653	7.95%	0.851%
17	11.880	1662	1665	1668	rBV2	85185	96810	3.28%	0.351%
18	11.904	1668	1669	1675	rVB	58102	41339	1.40%	0.150%
19	12.063	1692	1696	1699	rBV	41163	48744	1.65%	0.177%
20	12.092	1699	1701	1707	rVB2	36481	35624	1.21%	0.129%
21	12.321	1737	1740	1743	rBV	49944	53445	1.81%	0.194%
22	12.363	1743	1747	1748	rVV3	42063	50601	1.71%	0.183%
23	12.410	1752	1755	1761	rVB2	41229	43276	1.47%	0.157%
24	12.480	1763	1767	1771	rBV	526087	456750	15.47%	1.656%
25	12.586	1781	1785	1788	rBV3	58667	82430	2.79%	0.299%
26	12.710	1800	1806	1809	rBV	498482	528755	17.91%	1.917%
27	12.851	1826	1830	1834	rBV	3301947	2879058	97.53%	10.438%
28	12.933	1840	1844	1847	rBV2	35759	51449	1.74%	0.187%
29	13.039	1855	1862	1865	rVB2	72524	112035	3.80%	0.406%
30	13.104	1865	1873	1875	rBV2	44570	99647	3.38%	0.361%
31	13.145	1876	1880	1886	rVV3	61107	92891	3.15%	0.337%
32	13.233	1892	1895	1898	rBV	43132	36436	1.23%	0.132%
33	13.263	1898	1900	1904	rBV	47554	48978	1.66%	0.178%
34	13.545	1946	1948	1952	rVB	56534	56036	1.90%	0.203%

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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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.657	1964	1967	1969	rBV	36755	36689	1.24%	0.133%
36	13.757	1980	1984	1993	rBV	283092	429368	14.54%	1.557%
37	13.904	2004	2009	2012	rBV2	1049689	1258193	42.62%	4.561%
38	13.933	2012	2014	2017	rVB	233427	190935	6.47%	0.692%
39	14.010	2025	2027	2030	rVB	44880	35127	1.19%	0.127%
40	14.074	2035	2038	2041	rBV2	81713	77889	2.64%	0.282%
41	14.374	2087	2089	2094	rBV2	129281	171892	5.82%	0.623%
42	14.674	2137	2140	2143	rVB	161323	135342	4.58%	0.491%
43	14.927	2180	2183	2191	rVV	207410	332260	11.26%	1.205%
44	14.992	2191	2194	2198	rVB	166795	194370	6.58%	0.705%
45	15.215	2230	2232	2236	rVB	120165	124081	4.20%	0.450%
46	15.274	2239	2242	2247	rVV	158090	205577	6.96%	0.745%
47	15.333	2248	2252	2264	rVB	601761	1022851	34.65%	3.708%
48	15.768	2322	2326	2331	rBV	100431	140546	4.76%	0.510%

Sum of corrected areas: 27583659

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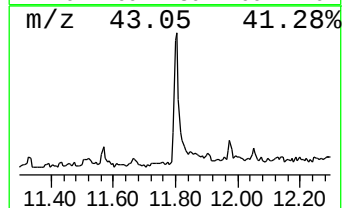
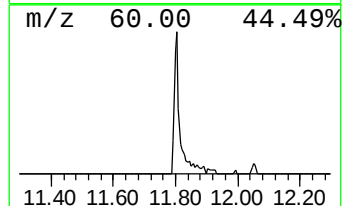
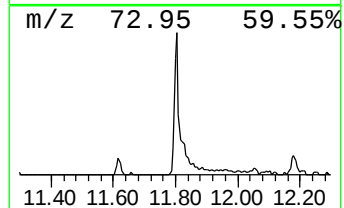
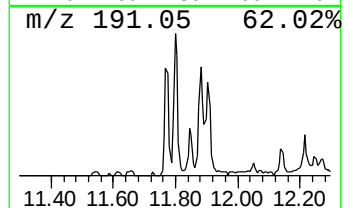
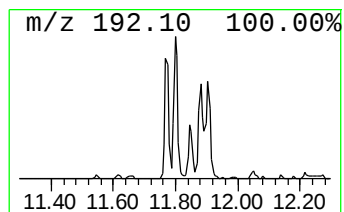
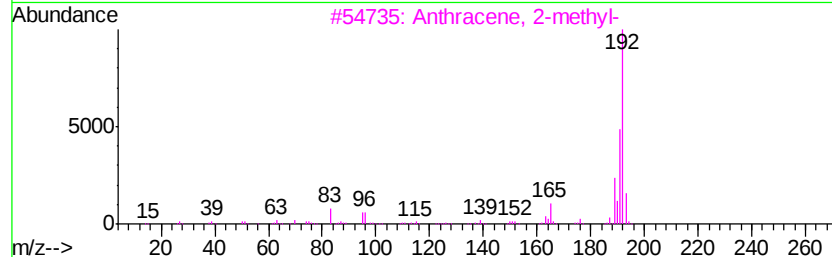
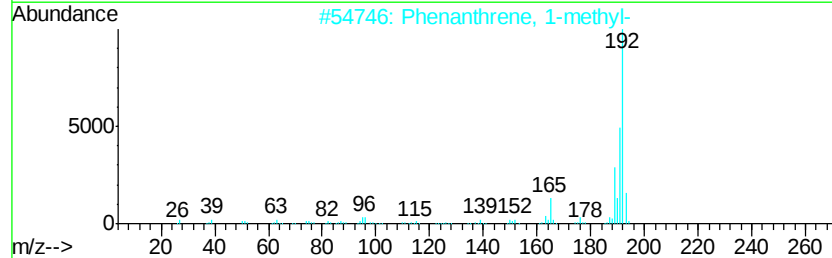
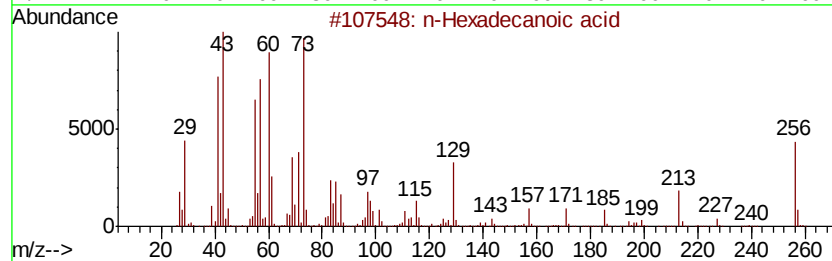
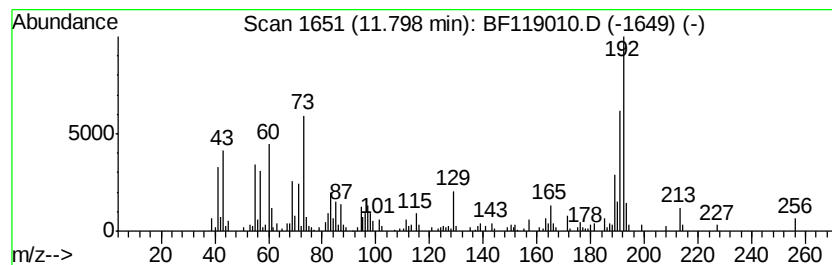
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	4.93 ng	234653	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86



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Instrument :
BNA_F
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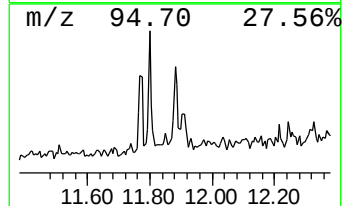
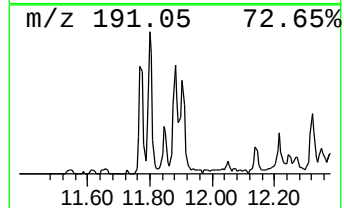
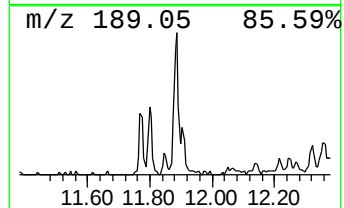
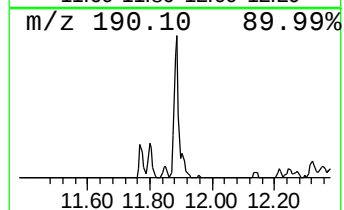
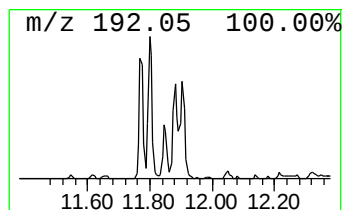
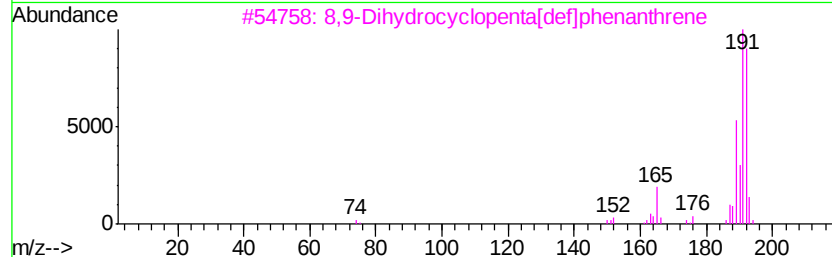
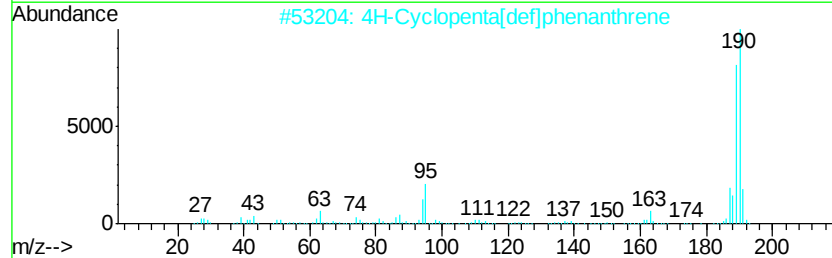
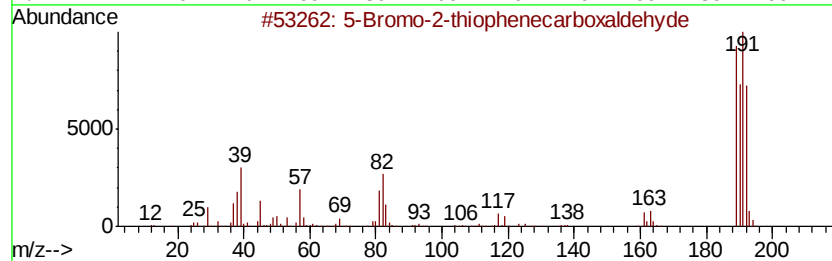
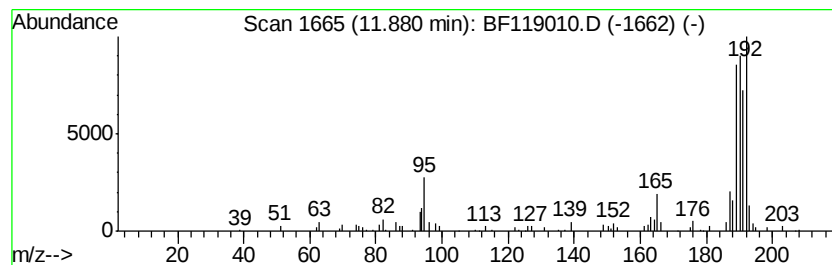
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 5-Bromo-2-thiophenecarboxal... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.03 ng	96810	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46



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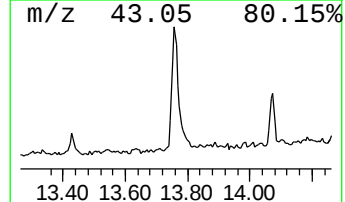
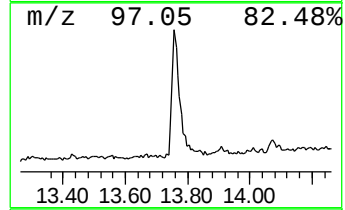
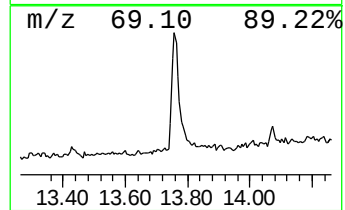
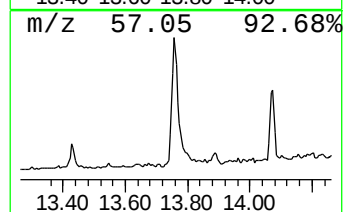
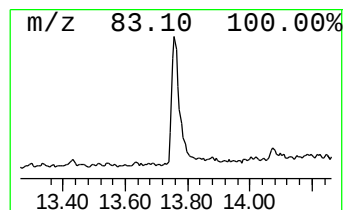
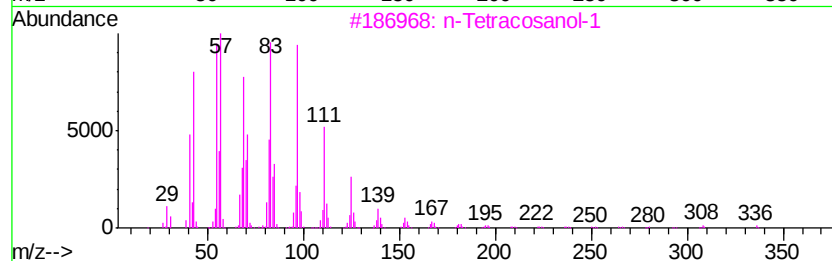
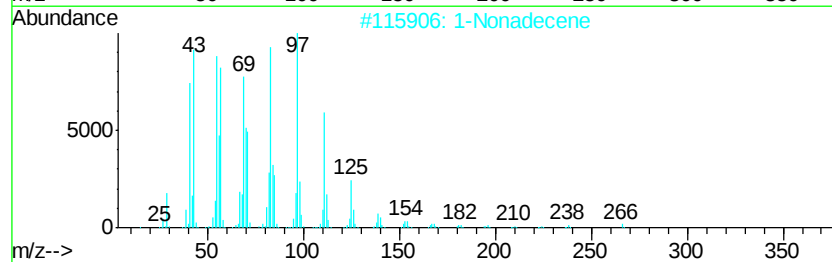
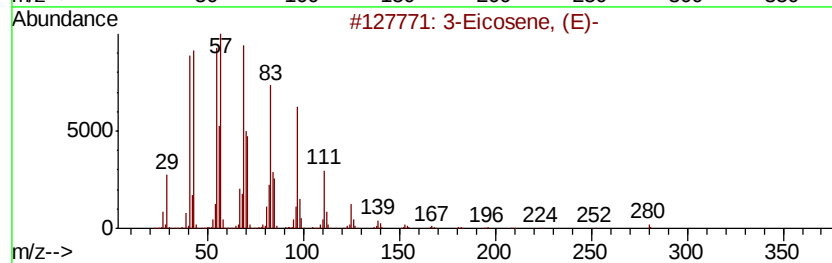
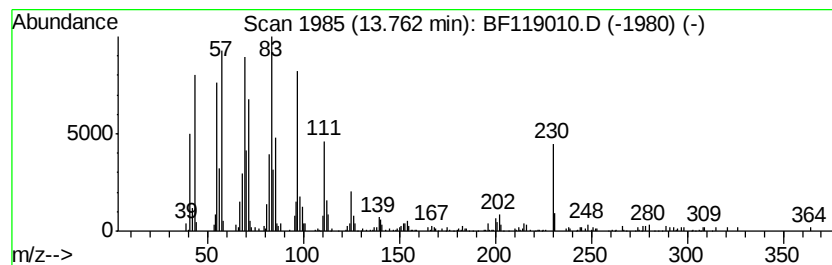
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.76	6.83 ng	429368	Chrysene-d12	13.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	92



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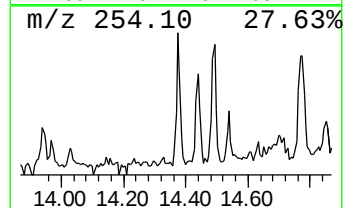
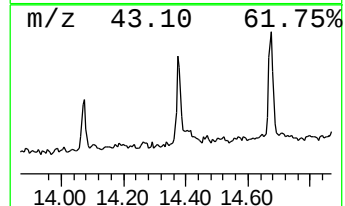
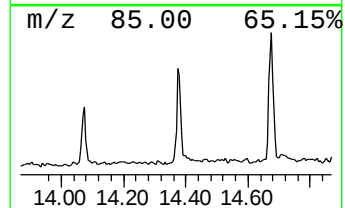
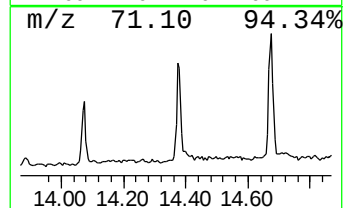
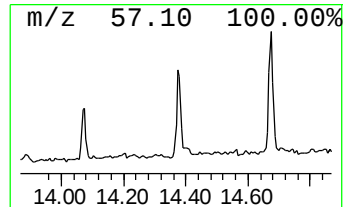
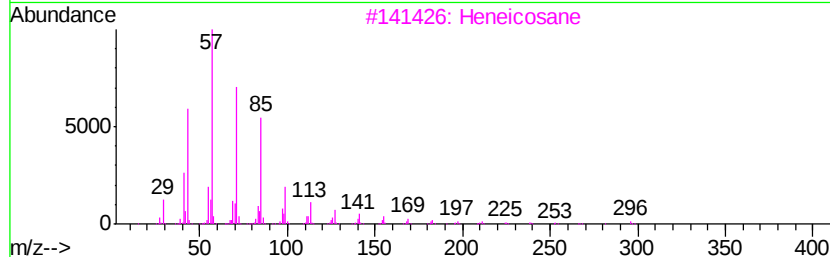
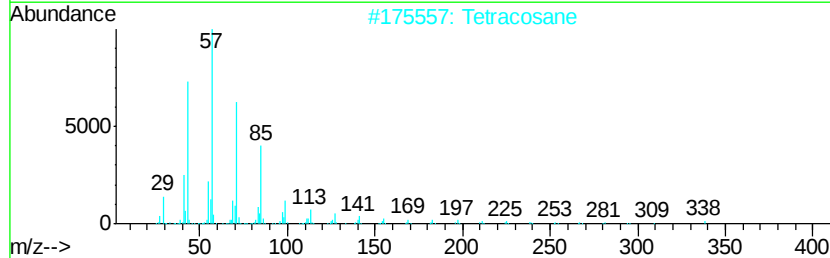
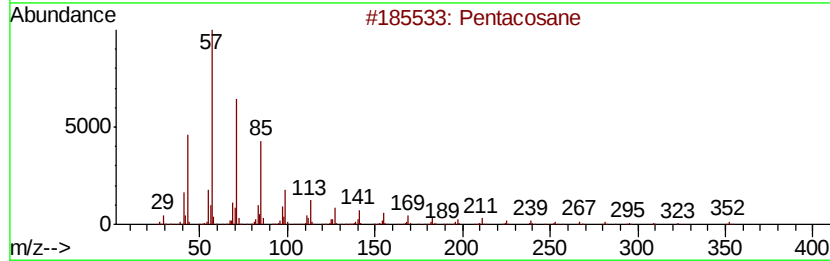
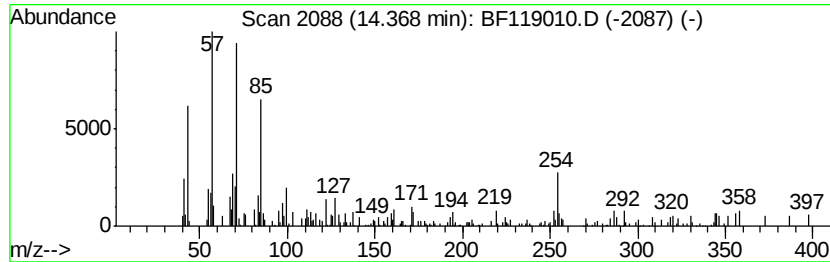
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.73 ng	171892	Chrysene-d12	13.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	94
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heneicosane		296	C21H44	000629-94-7	87
4	Octacosane		394	C28H58	000630-02-4	83
5	Hexacosane		366	C26H54	000630-01-3	76



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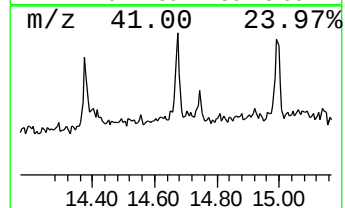
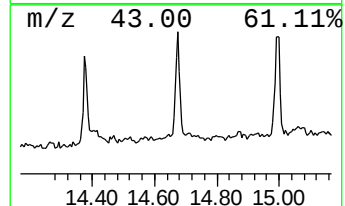
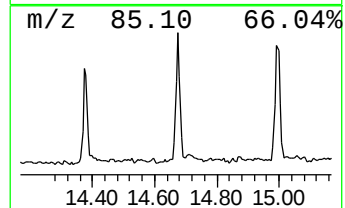
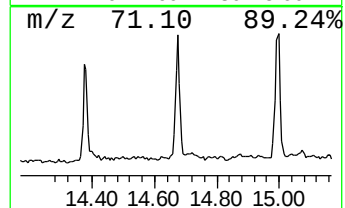
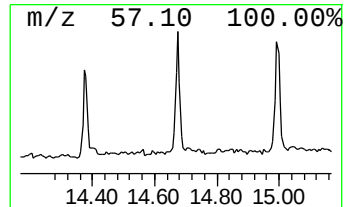
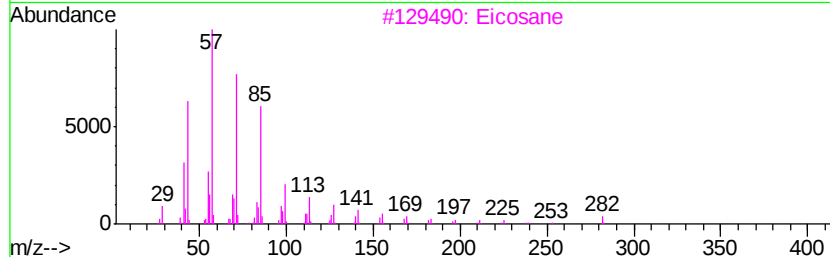
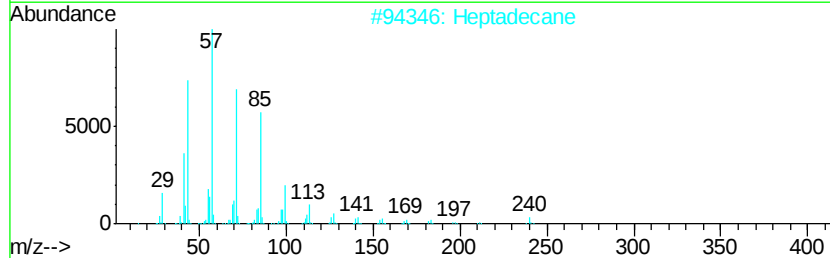
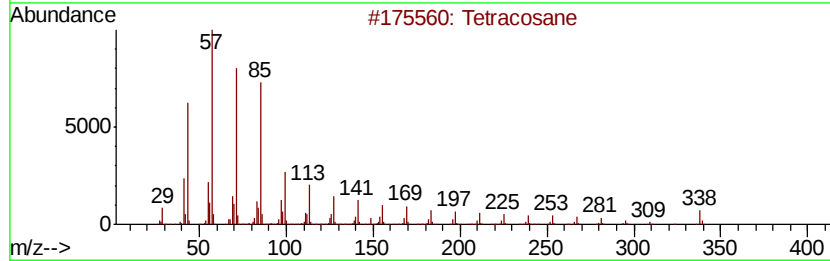
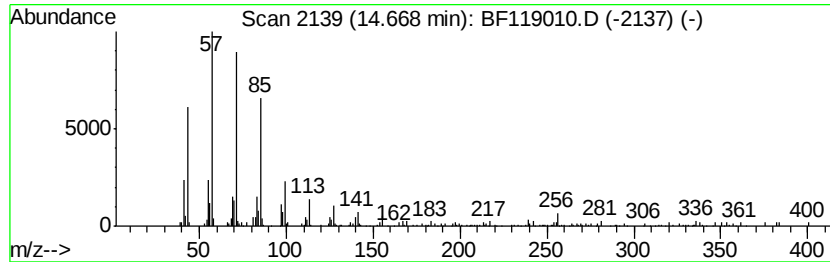
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.65 ng	135342	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	93
2		Heptadecane	240	C17H36	000629-78-7	93
3		Eicosane	282	C20H42	000112-95-8	90
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119010.D
Acq On : 21 Feb 2020 23:39
Operator : CG/JU
Sample : L1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-A

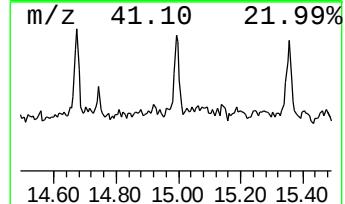
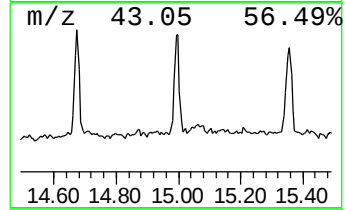
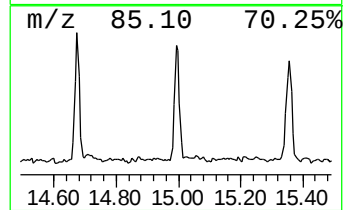
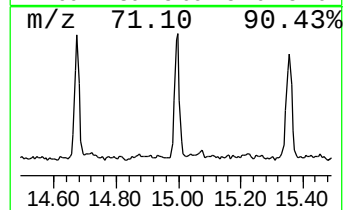
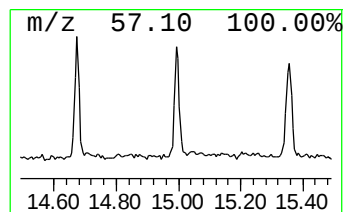
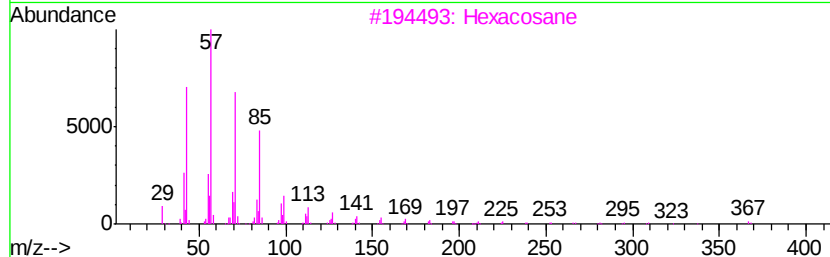
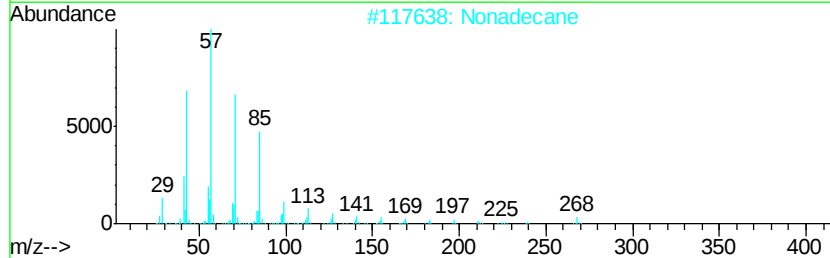
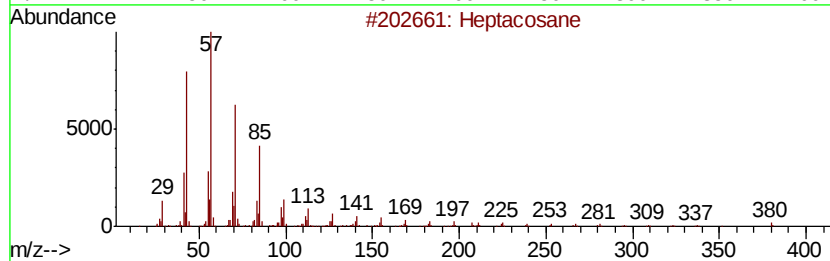
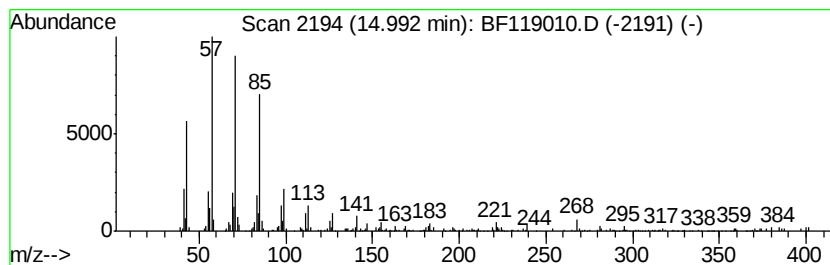
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.80 ng	194370	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Nonadecane		268	C19H40	000629-92-5	87
3	Hexacosane		366	C26H54	000630-01-3	87
4	triacontane		422	C30H62	000638-68-6	87
5	2-methyloctacosane		408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119010.D
Acq On : 21 Feb 2020 23:39
Operator : CG/JU
Sample : L1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-A

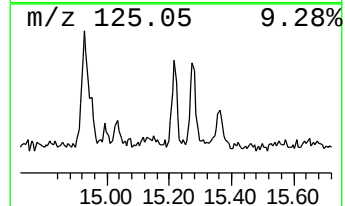
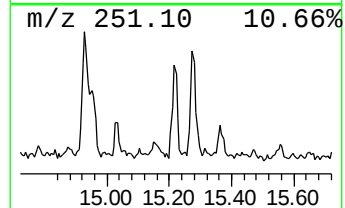
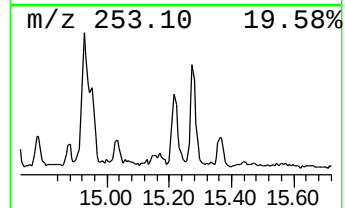
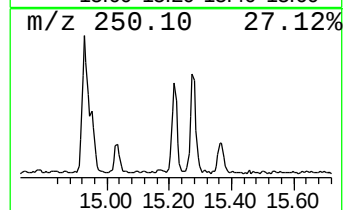
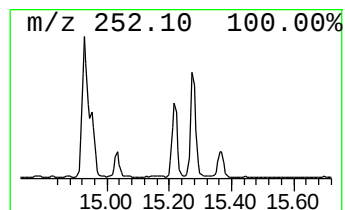
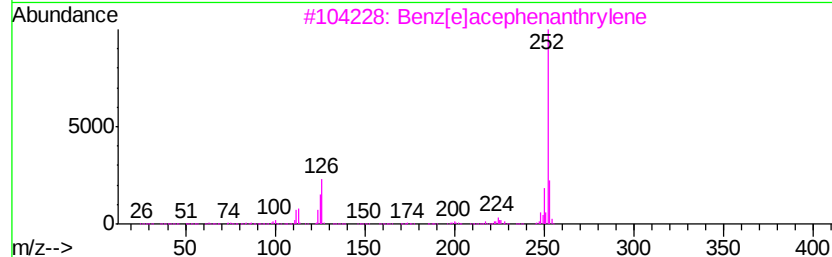
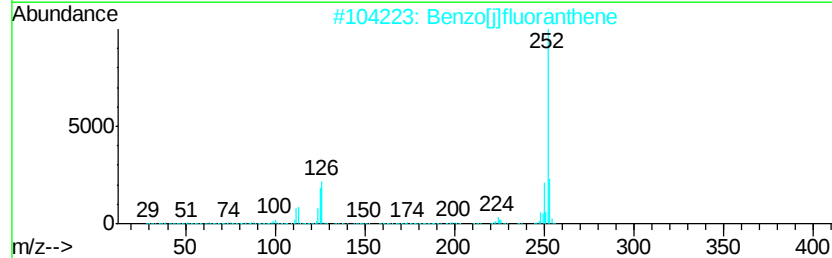
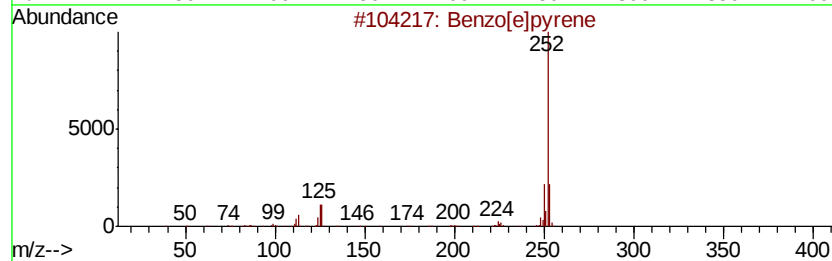
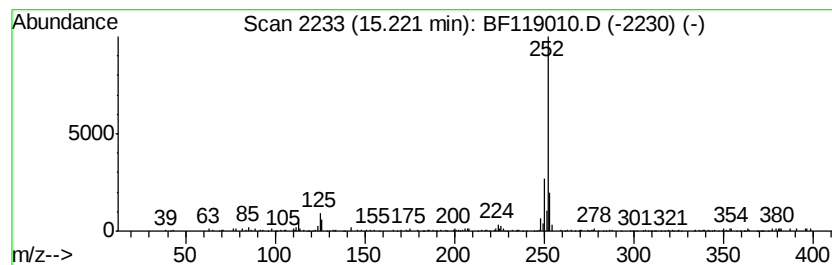
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.43 ng	124081	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	89
5		Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022120\
Data File : BF119010.D
Acq On : 21 Feb 2020 23:39
Operator : CG/JU
Sample : L1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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	11.80	4.9 ng		234653	4	11.27	951836	20.0
5-Bromo-2-thiophe...	11.88	2.0 ng		96810	4	11.27	951836	20.0
3-Eicosene, (E)-	13.76	6.8 ng		429368	5	13.91	1258190	20.0
Pentacosane	14.37	2.7 ng		171892	5	13.91	1258190	20.0
Tetracosane	14.67	2.6 ng		135342	6	15.33	1022850	20.0
Heptacosane	14.99	3.8 ng		194370	6	15.33	1022850	20.0
Benzo[e]pyrene	15.22	2.4 ng		124081	6	15.33	1022850	20.0