

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119611.D
 Acq On : 28 Mar 2020 12:42
 Operator : CG/JU
 Sample : L1753-09 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520

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-BF031820.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	2.187	13	17	22	rVB2	27250	34910	1.66%	0.141%
2	3.881	296	305	310	rBV	31364	43695	2.08%	0.176%
3	5.022	495	499	508	rVB	206611	204893	9.74%	0.827%
4	5.434	565	569	577	rBV	1607677	1512906	71.89%	6.109%
5	6.445	737	741	757	rBV	2002937	1649846	78.40%	6.662%
6	6.828	803	806	810	rBV	1732942	1589229	75.52%	6.417%
7	6.986	829	833	836	rBV	1467504	1228621	58.38%	4.961%
8	7.386	897	901	904	rBV	1283114	1029188	48.90%	4.156%
9	8.116	1020	1025	1028	rBV	2605396	2097629	99.67%	8.470%
10	9.192	1203	1208	1211	rBV	2548426	1910566	90.79%	7.715%
11	9.586	1272	1275	1280	rVB	181537	140779	6.69%	0.568%
12	9.733	1296	1300	1306	rBV	53464	46273	2.20%	0.187%
13	9.875	1318	1324	1327	rBV	2566495	2104481	100.00%	8.498%
14	9.904	1327	1329	1333	rVB	46268	45660	2.17%	0.184%
15	10.075	1355	1358	1363	rBV	28949	29388	1.40%	0.119%
16	10.422	1414	1417	1423	rVB	45148	42176	2.00%	0.170%
17	10.657	1454	1457	1466	rBV	950168	826138	39.26%	3.336%
18	10.780	1476	1478	1487	rVB3	25330	34999	1.66%	0.141%
19	11.233	1546	1555	1557	rBV6	25001	36061	1.71%	0.146%
20	11.257	1557	1559	1564	rVB2	32245	37158	1.77%	0.150%
21	11.363	1572	1577	1579	rBV	1894973	1773833	84.29%	7.163%
22	11.380	1579	1580	1584	rVV	254320	203591	9.67%	0.822%
23	11.433	1586	1589	1593	rVB	56725	51558	2.45%	0.208%
24	11.863	1659	1662	1664	rBV	36319	30304	1.44%	0.122%
25	11.886	1664	1666	1672	rVV	185922	193317	9.19%	0.781%
26	11.974	1677	1681	1683	rVV2	60565	70320	3.34%	0.284%
27	11.998	1683	1685	1689	rVB2	30543	25550	1.21%	0.103%
28	12.410	1753	1755	1759	rBV	35199	35010	1.66%	0.141%
29	12.451	1759	1762	1767	rVB4	31263	46504	2.21%	0.188%
30	12.574	1779	1783	1785	rBV	181011	156446	7.43%	0.632%
31	12.674	1797	1800	1807	rBV5	105605	152316	7.24%	0.615%
32	12.774	1814	1817	1819	rBV	297494	253641	12.05%	1.024%
33	12.798	1819	1821	1824	rVV	160602	155467	7.39%	0.628%
34	12.827	1824	1826	1828	rVV	53644	45614	2.17%	0.184%

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35	12.851	1828	1830	1836	rVB3	53688	54356	2.58%	0.219%
36	12.945	1843	1846	1850	rBV	1446322	1223147	58.12%	4.939%
37	13.133	1875	1878	1882	rVB	52562	58029	2.76%	0.234%
38	13.186	1885	1887	1892	rVV2	65545	80806	3.84%	0.326%
39	13.233	1892	1895	1904	rVV6	42689	76462	3.63%	0.309%
40	13.433	1926	1929	1933	rBV	95568	84737	4.03%	0.342%
41	13.480	1934	1937	1941	rVB2	209326	179030	8.51%	0.723%
42	13.527	1943	1945	1948	rBV	73489	62357	2.96%	0.252%
43	13.857	1998	2001	2003	rBV2	91323	74702	3.55%	0.302%
44	13.880	2003	2005	2011	rVV7	28253	49008	2.33%	0.198%
45	13.998	2021	2025	2028	rBV	1186054	1257750	59.77%	5.079%
46	14.027	2028	2030	2032	rVB	125898	95719	4.55%	0.387%
47	14.174	2052	2055	2060	rVB	155305	140358	6.67%	0.567%
48	14.480	2104	2107	2110	rVB	209515	166256	7.90%	0.671%
49	14.786	2156	2159	2162	rBV	228987	211350	10.04%	0.853%
50	15.039	2198	2202	2205	rBV	144763	243603	11.58%	0.984%
51	15.127	2214	2217	2226	rVB2	230672	305886	14.53%	1.235%
52	15.339	2250	2253	2256	rVB	114206	132381	6.29%	0.535%
53	15.398	2260	2263	2268	rBV	152064	164486	7.82%	0.664%
54	15.462	2270	2274	2278	rVV	1103683	1370861	65.14%	5.535%
55	15.509	2278	2282	2287	rVB2	202028	290660	13.81%	1.174%
56	15.951	2353	2357	2362	rBV	121437	195325	9.28%	0.789%
57	16.186	2393	2397	2406	rVB4	110284	211101	10.03%	0.852%
58	16.456	2439	2443	2447	rBV2	61176	101793	4.84%	0.411%
59	16.915	2518	2521	2525	rBV2	53916	97256	4.62%	0.393%

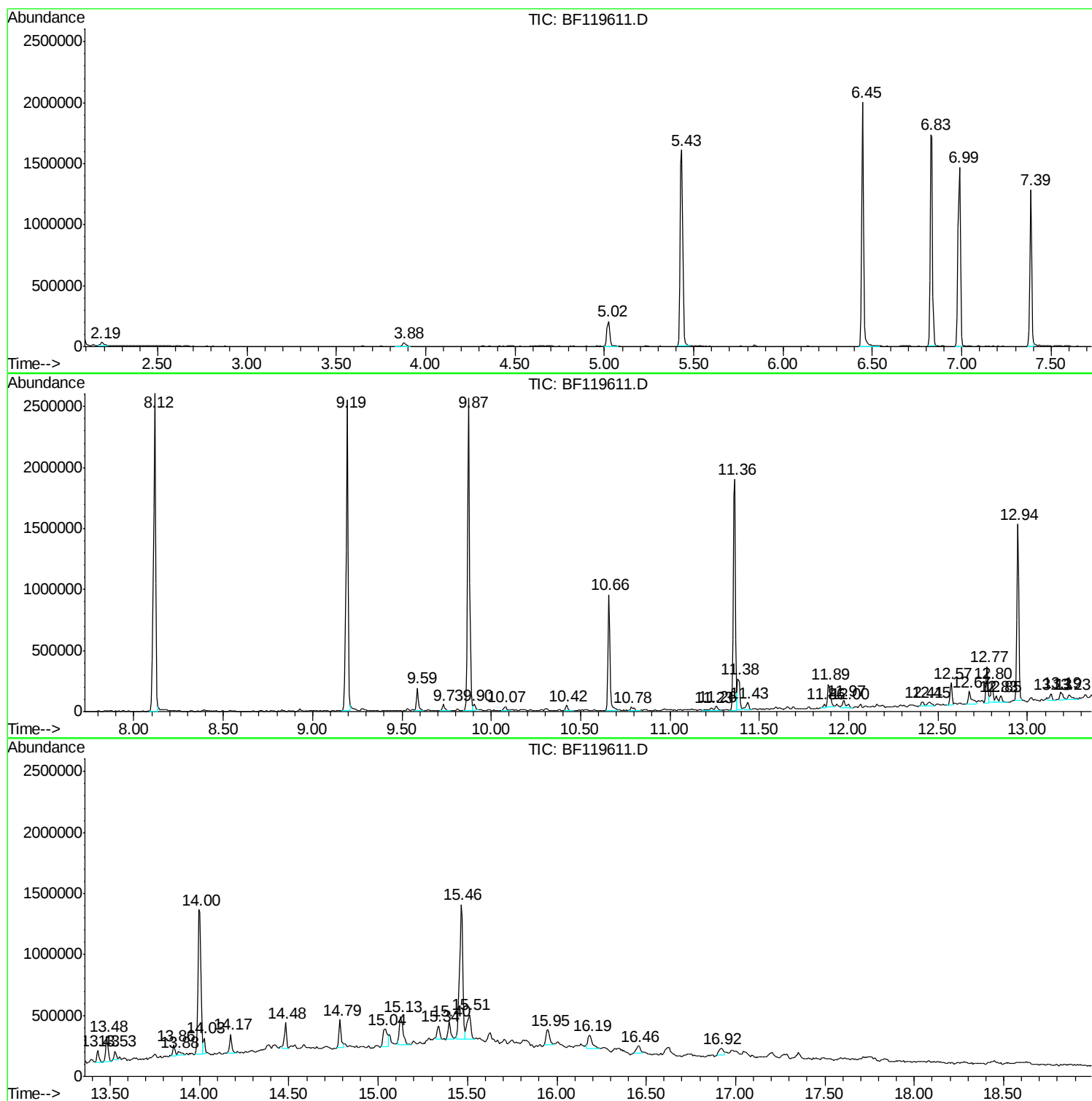
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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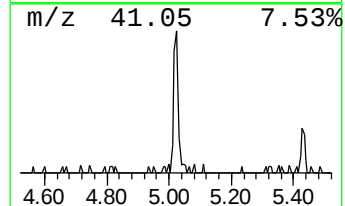
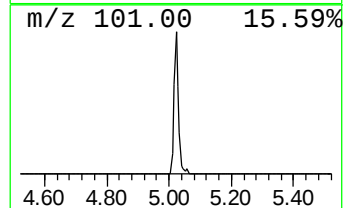
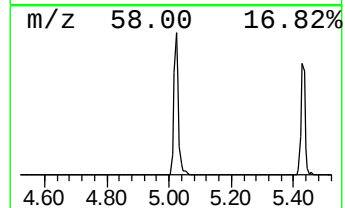
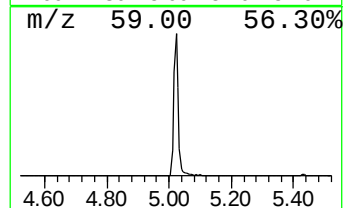
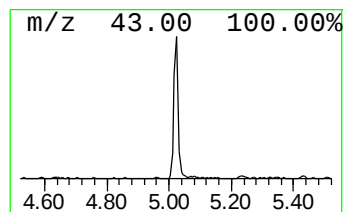
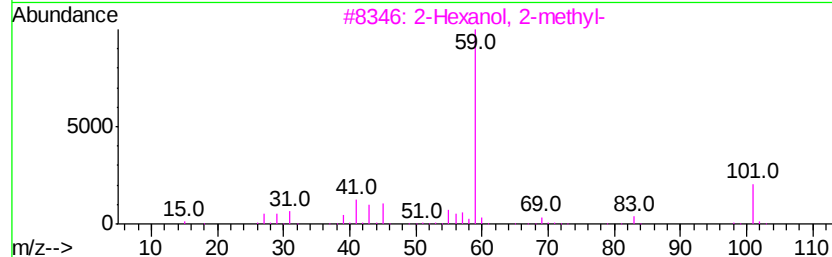
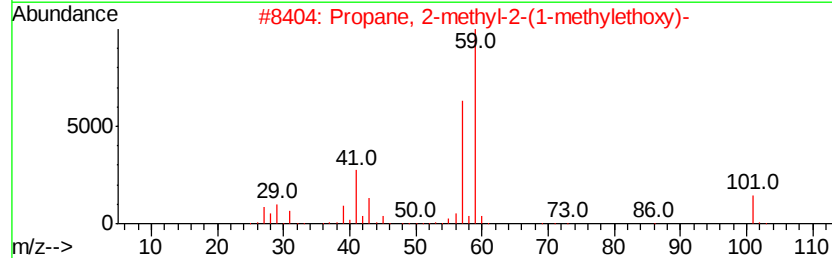
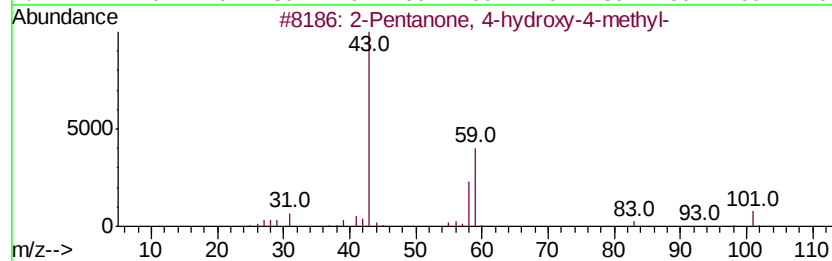
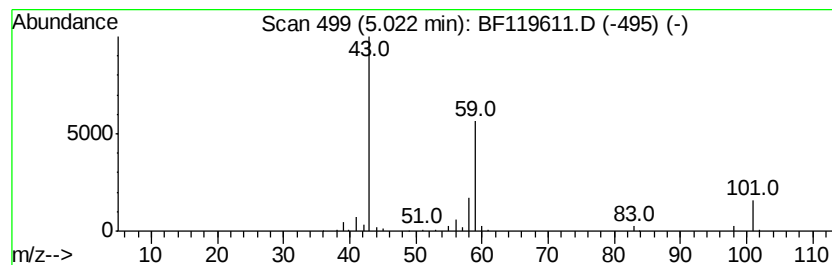
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.58 ng	204893	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		3-Octanol	130	C8H18O	000589-98-0	33



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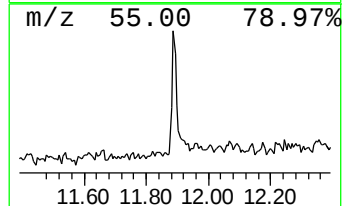
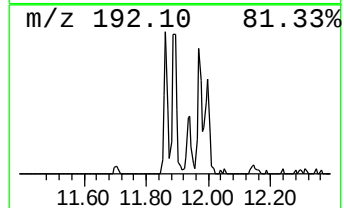
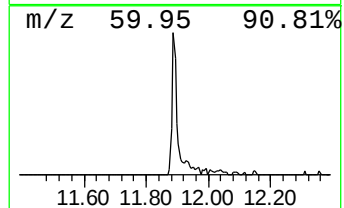
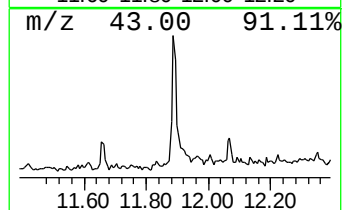
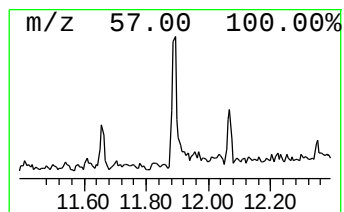
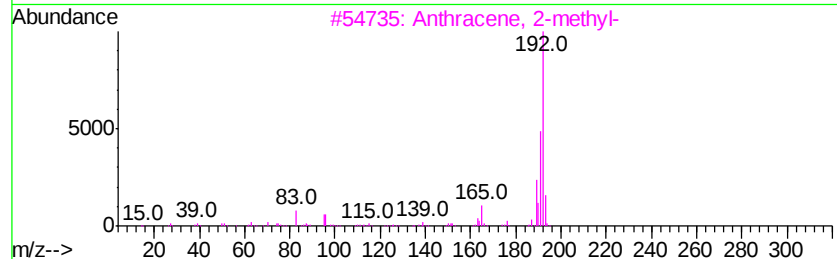
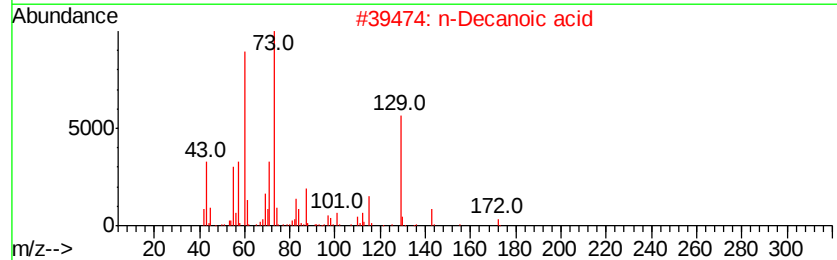
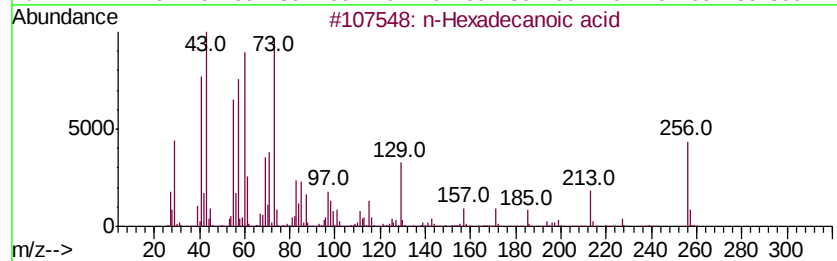
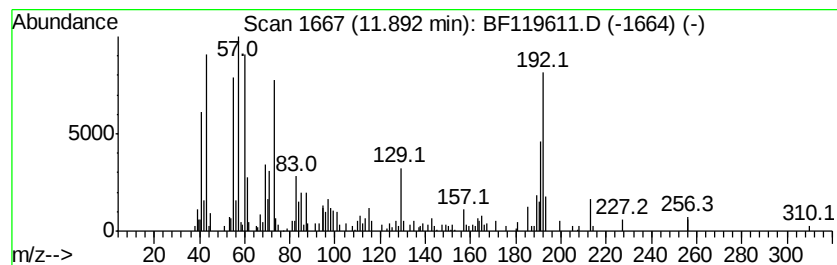
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.18 ng	193317	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2		n-Decanoic acid	172	C10H20O2	000334-48-5	60
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	56
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25



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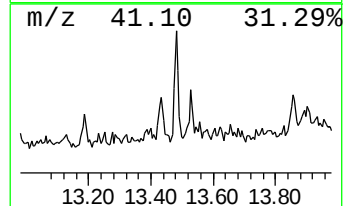
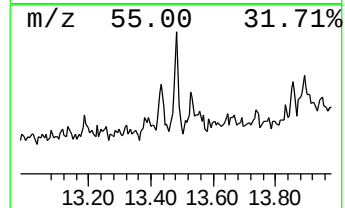
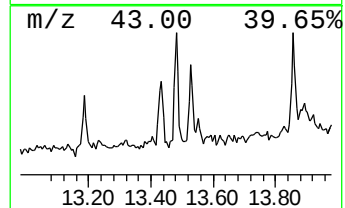
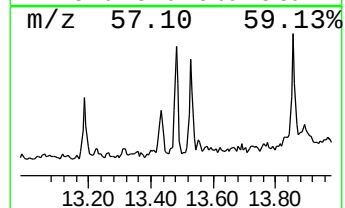
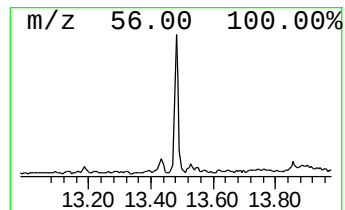
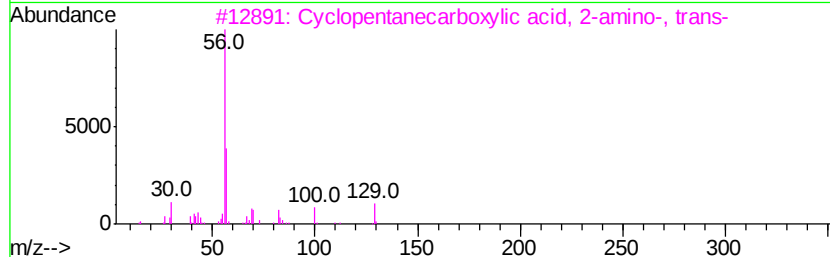
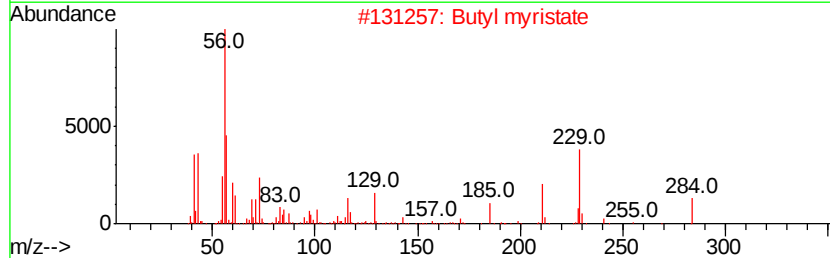
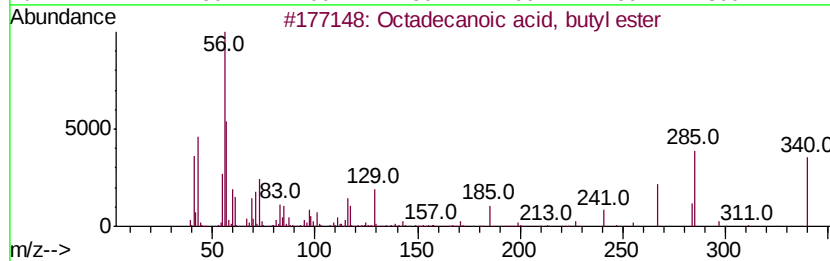
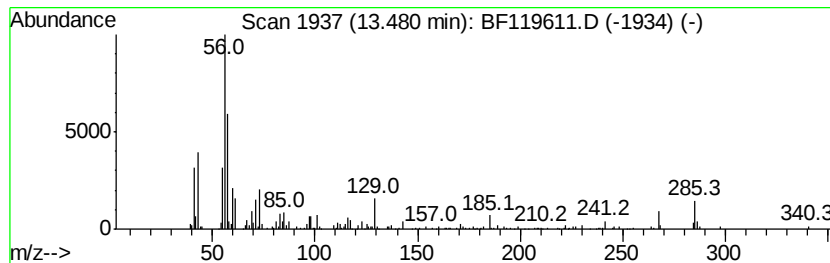
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.85 ng	179030	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2		Butyl myristate	284	C18H36O2	000110-36-1	72
3		Cyclopentanecarboxylic acid, 2-amino-, trans-	129	C6H11NO2	040482-05-1	43
4		Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35



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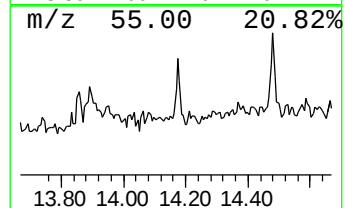
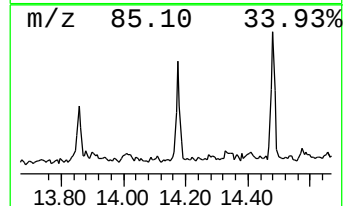
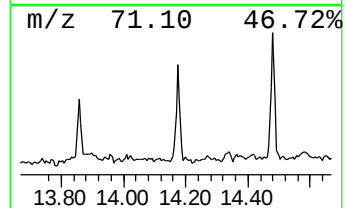
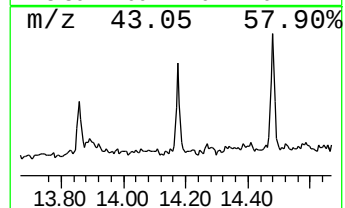
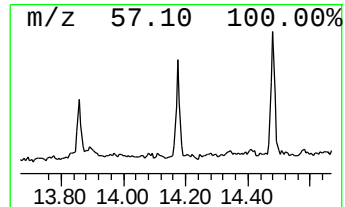
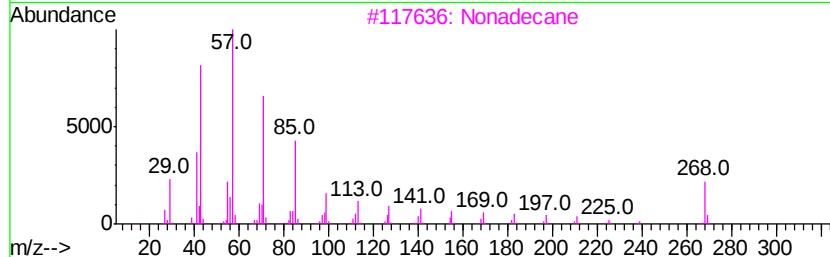
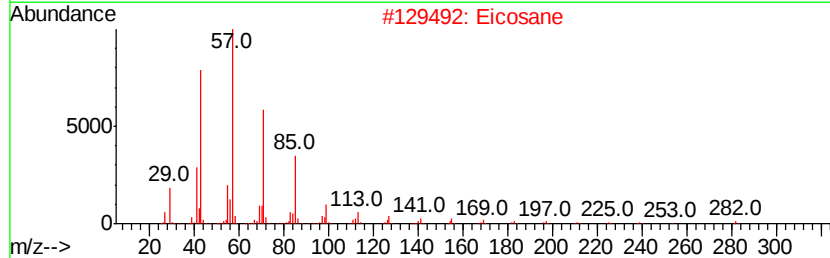
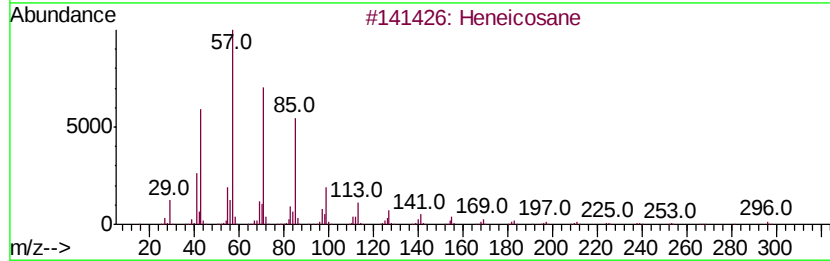
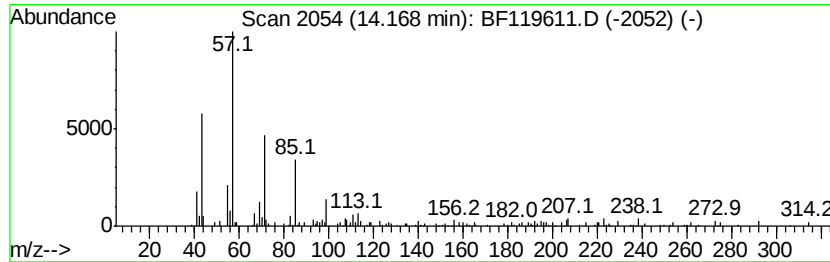
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.23 ng	140358	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	89
2	Eicosane		282	C20H42	000112-95-8	87
3	Nonadecane		268	C19H40	000629-92-5	83
4	Hexatriacontane		507	C36H74	000630-06-8	83
5	3,5-Dimethyldodecane		198	C14H30	107770-99-0	80



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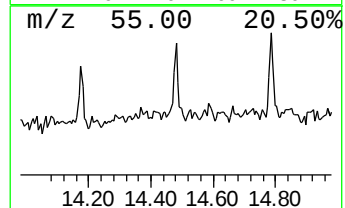
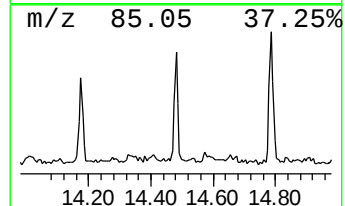
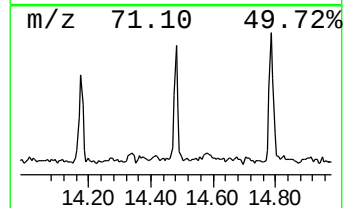
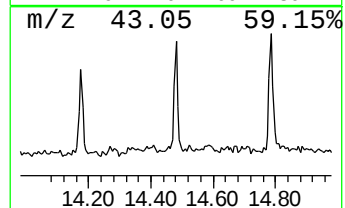
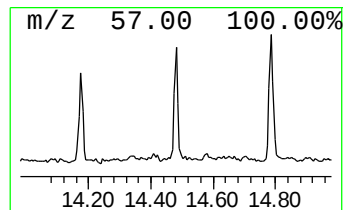
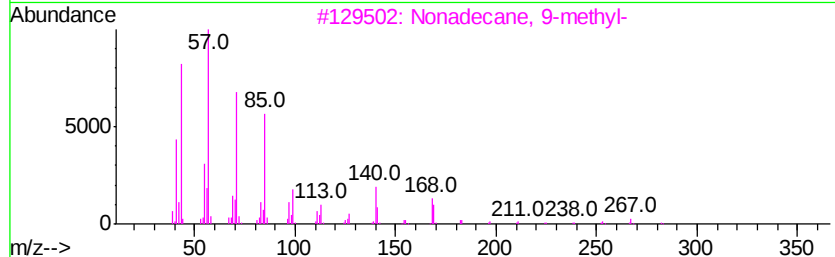
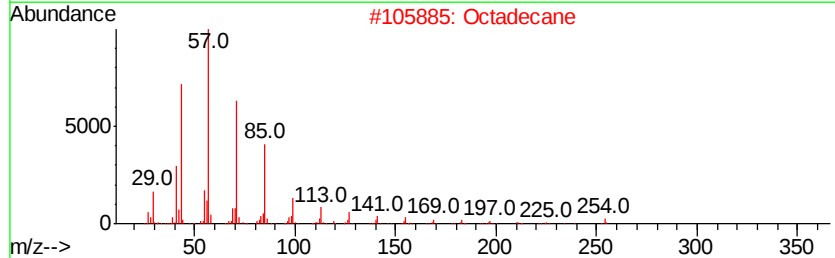
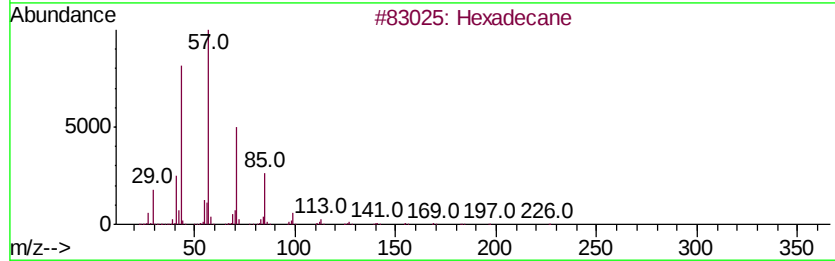
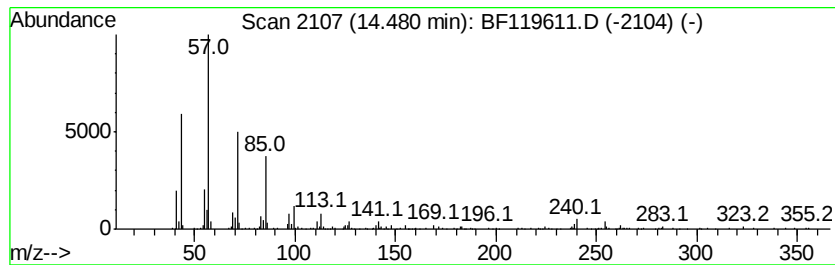
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.64 ng	166256	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Octadecane	254	C18H38	000593-45-3	87
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4		Heptadecane	240	C17H36	000629-78-7	80
5		Eicosane	282	C20H42	000112-95-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119611.D
Acq On : 28 Mar 2020 12:42
Operator : CG/JU
Sample : L1753-09 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-032520

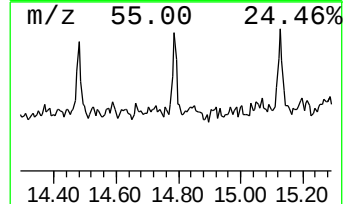
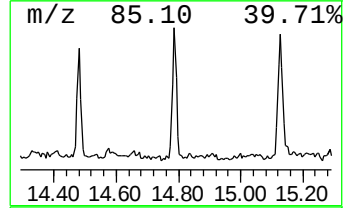
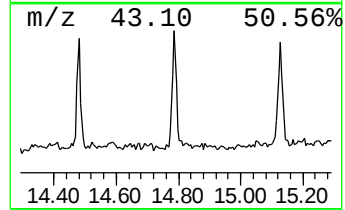
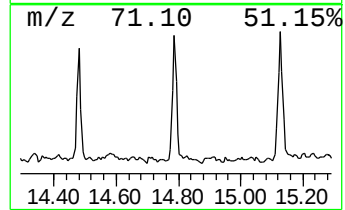
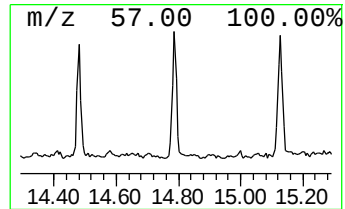
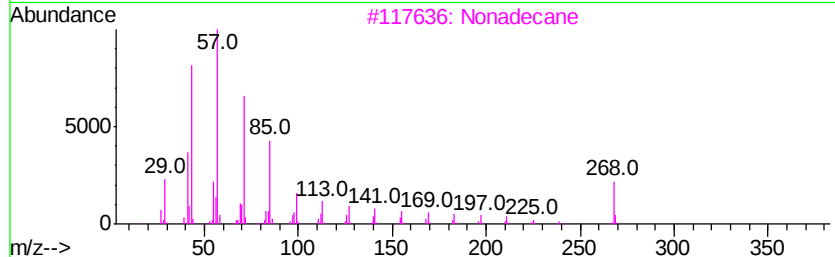
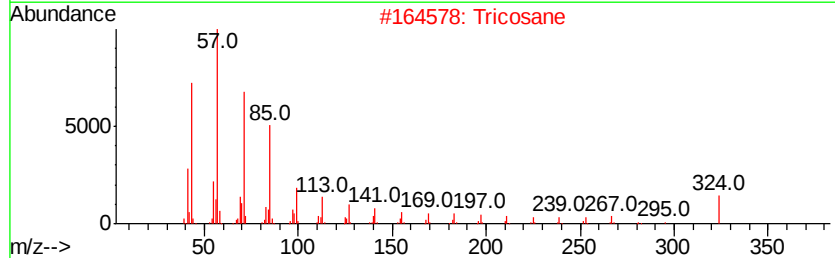
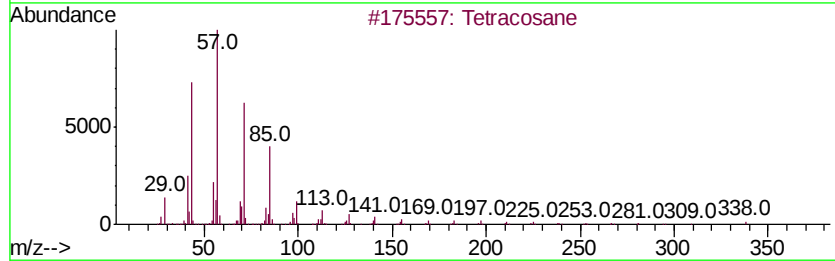
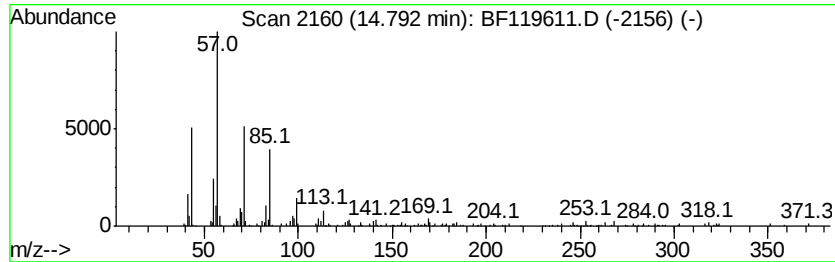
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.08 ng	211350	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Tricosane	324	C23H48	000638-67-5	93
3		Nonadecane	268	C19H40	000629-92-5	91
4		Docosane	310	C22H46	000629-97-0	90
5		Heptacosane	380	C27H56	000593-49-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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Acq On : 28 Mar 2020 12:42
Operator : CG/JU
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Misc :
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BNA_F
ClientSampleId :
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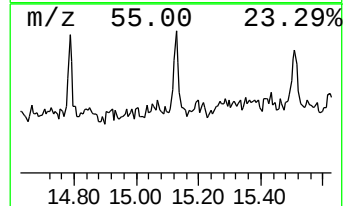
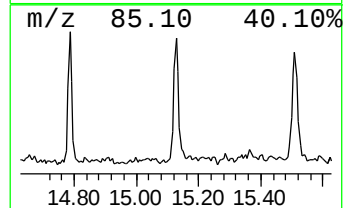
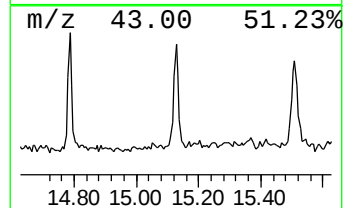
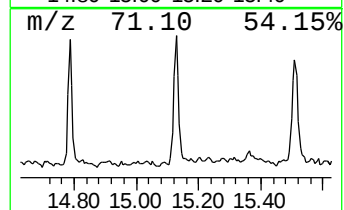
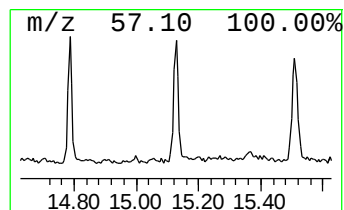
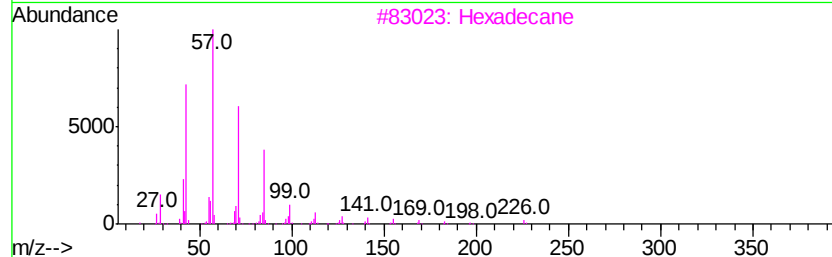
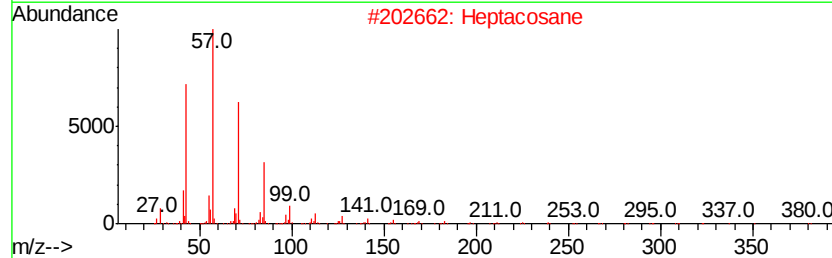
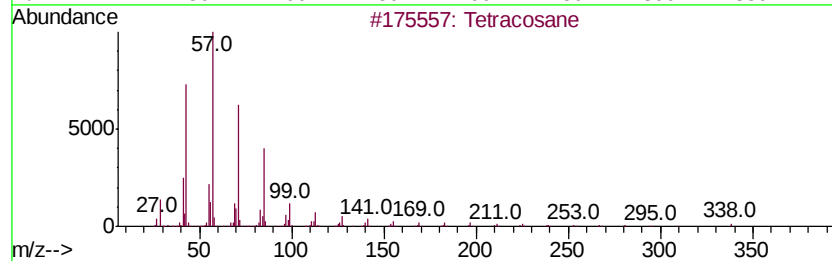
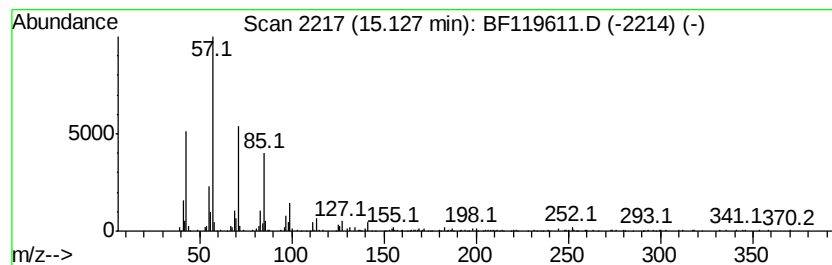
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.46 ng	305886	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119611.D
Acq On : 28 Mar 2020 12:42
Operator : CG/JU
Sample : L1753-09 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-032520

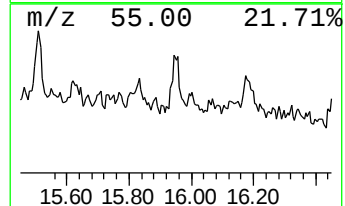
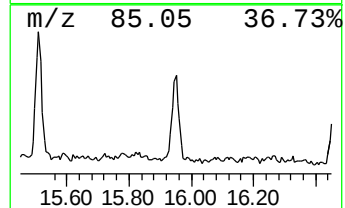
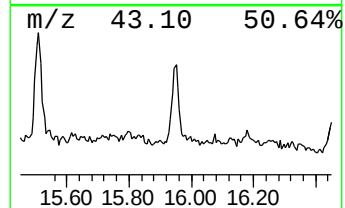
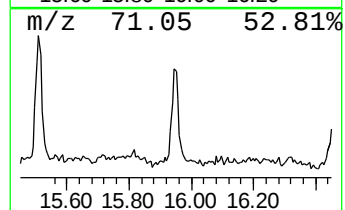
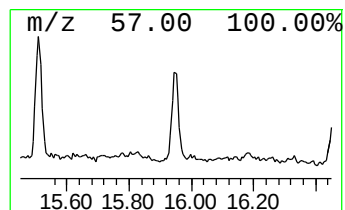
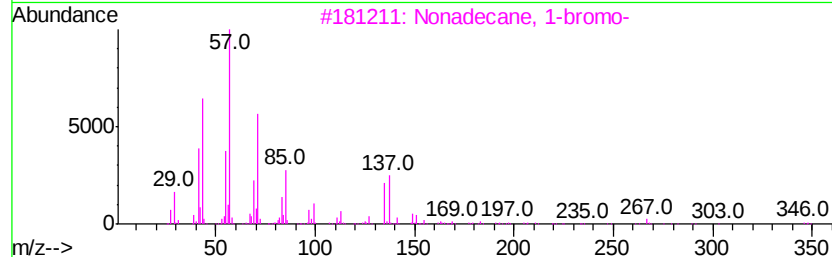
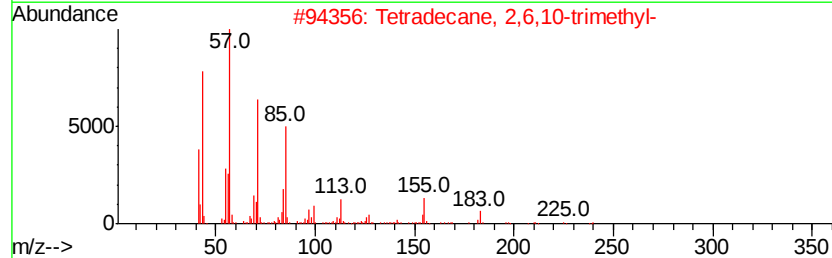
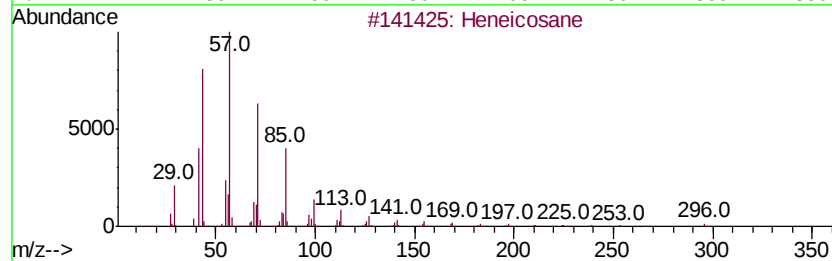
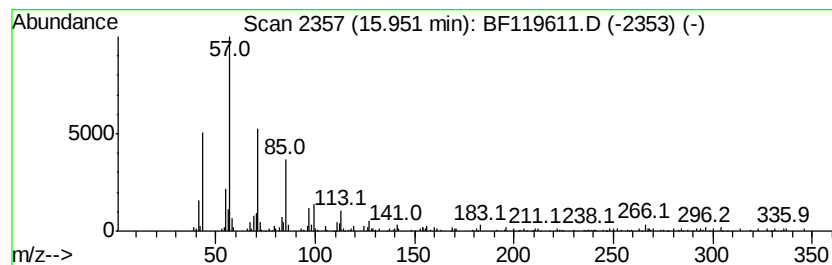
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.85 ng	195325	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3		Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	90
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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ALS Vial : 41 Sample Multiplier: 1

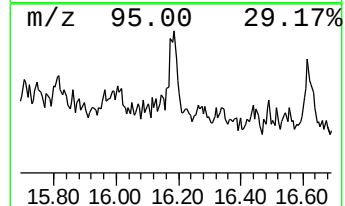
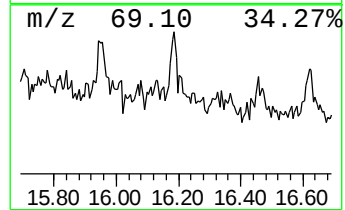
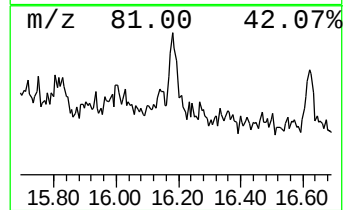
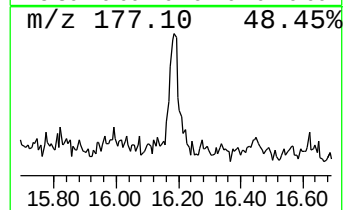
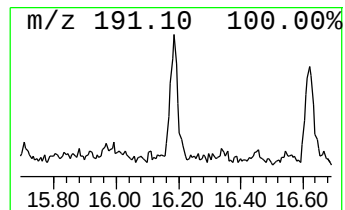
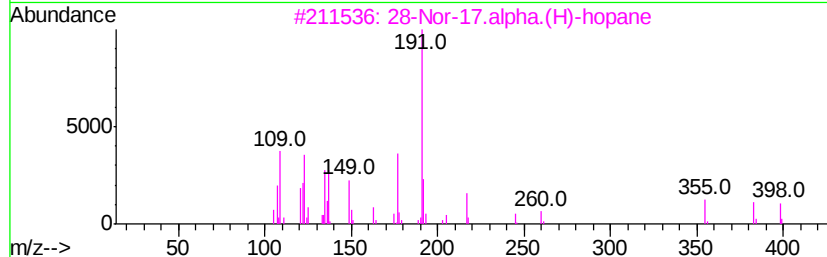
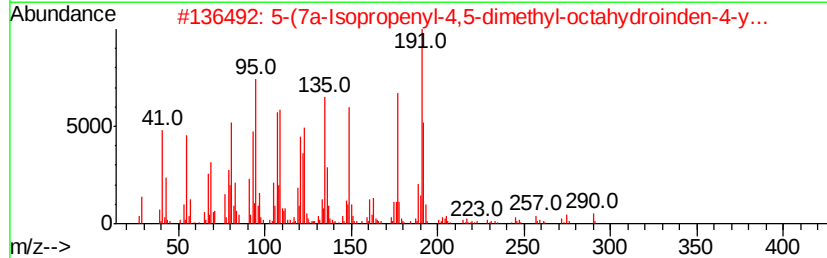
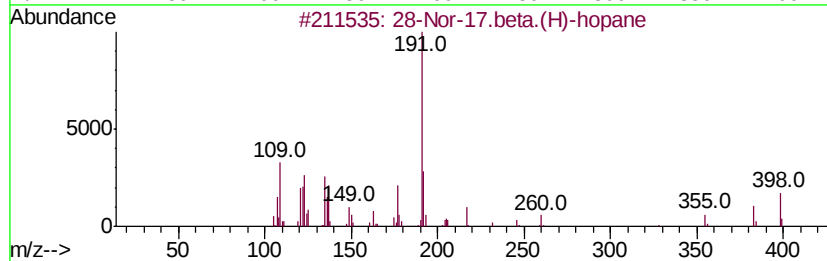
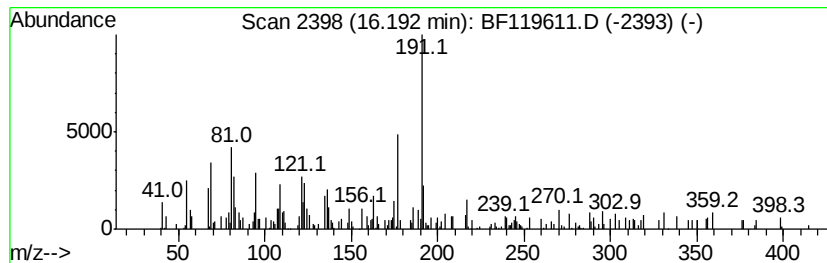
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 28-Nor-17.beta.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.08 ng	211101	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	72
2	5-(7a-Isopropenyl-4,5-dimethyl-o...	290 C20H34O	1000193-54-0	62
3	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	58
4	2H-1,2,3-Triazole-4-carboxaldehy...	191 C9H6FN3O	051306-43-5	46
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119611.D
Acq On : 28 Mar 2020 12:42
Operator : CG/JU
Sample : L1753-09 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
2-Pentanone, 4-hy...	5.02	2.6 ng		204893	1	6.83	1589230	20.0
n-Hexadecanoic acid	11.89	2.2 ng		193317	4	11.36	1773830	20.0
Octadecanoic acid...	13.48	2.9 ng		179030	5	14.00	1257750	20.0
Heneicosane	14.17	2.2 ng		140358	5	14.00	1257750	20.0
Hexadecane	14.48	2.6 ng		166256	5	14.00	1257750	20.0
Tetracosane	14.79	3.1 ng		211350	6	15.46	1370860	20.0
Heptacosane	15.13	4.5 ng		305886	6	15.46	1370860	20.0
Tetradecane, 2,6,...	15.95	2.9 ng		195325	6	15.46	1370860	20.0
28-Nor-17.beta.(H...	16.19	3.1 ng		211101	6	15.46	1370860	20.0