

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117863.D
 Acq On : 19 Nov 2019 16:58
 Operator : JU
 Sample : K5865-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-(16-18)

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-BF111319.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	2.210	15	21	29	rVB	923967	1197324	20.79%	2.601%
2	4.516	409	413	420	rVB	88090	92488	1.61%	0.201%
3	5.128	508	517	520	rBV	1410016	1415107	24.57%	3.074%
4	5.522	580	584	588	rBV	1744170	1497972	26.01%	3.254%
5	6.534	751	756	769	rVB	3991832	4508805	78.27%	9.794%
6	6.681	777	781	784	rBV	3492182	2957450	51.34%	6.424%
7	6.916	817	821	824	rBV	1528093	1271235	22.07%	2.761%
8	7.075	843	848	851	rBV	4152510	3835693	66.59%	8.332%
9	7.475	911	916	919	rBV	3091082	3043688	52.84%	6.612%
10	8.204	1033	1040	1042	rBV	1829902	1709213	29.67%	3.713%
11	8.222	1042	1043	1047	rVB	111608	65063	1.13%	0.141%
12	9.281	1218	1223	1226	rBV	6323658	5760290	100.00%	12.513%
13	9.363	1234	1237	1239	rBV	118314	107916	1.87%	0.234%
14	9.622	1274	1281	1283	rBV	79719	94149	1.63%	0.205%
15	9.675	1287	1290	1294	rVB	596055	528273	9.17%	1.148%
16	9.892	1322	1327	1330	rVB	143502	125604	2.18%	0.273%
17	9.963	1333	1339	1343	rBV	2232508	2003581	34.78%	4.352%
18	9.998	1343	1345	1348	rVB	92792	69746	1.21%	0.152%
19	10.169	1369	1374	1378	rVB2	99687	115035	2.00%	0.250%
20	10.392	1410	1412	1415	rVB	198533	149691	2.60%	0.325%
21	10.510	1428	1432	1438	rBV	121077	153230	2.66%	0.333%
22	10.616	1446	1450	1455	rVB2	70774	92381	1.60%	0.201%
23	10.751	1468	1473	1477	rBV2	110433	118030	2.05%	0.256%
24	10.869	1490	1493	1494	rBV	209390	176420	3.06%	0.383%
25	11.316	1565	1569	1572	rBV	226086	216466	3.76%	0.470%
26	11.351	1572	1575	1578	rVB	115218	99704	1.73%	0.217%
27	11.457	1589	1593	1595	rBV	2275776	1850325	32.12%	4.019%
28	11.480	1595	1597	1600	rVV	708307	561225	9.74%	1.219%
29	11.527	1600	1605	1609	rVB	198966	220805	3.83%	0.480%
30	11.686	1626	1632	1633	rBV2	76059	93306	1.62%	0.203%
31	11.745	1639	1642	1646	rVB	181916	150529	2.61%	0.327%
32	11.957	1675	1678	1680	rBV	80829	84676	1.47%	0.184%
33	11.986	1680	1683	1685	rVB2	105185	116028	2.01%	0.252%
34	12.069	1694	1697	1700	rBV	102782	118232	2.05%	0.257%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.157	1709	1712	1715	rVB	182845	152072	2.64%	0.330%
36	12.545	1775	1778	1781	rBV	156929	132138	2.29%	0.287%
37	12.674	1796	1800	1804	rBV	548019	497099	8.63%	1.080%
38	12.763	1812	1815	1818	rBV4	65670	73722	1.28%	0.160%
39	12.904	1833	1839	1845	rBV	464044	563738	9.79%	1.225%
40	13.045	1859	1863	1867	rBV	5144573	4817183	83.63%	10.464%
41	13.233	1892	1895	1898	rVB	79336	76213	1.32%	0.166%
42	13.274	1899	1902	1904	rBV	84736	86675	1.50%	0.188%
43	13.621	1958	1961	1964	rBV2	62695	69661	1.21%	0.151%
44	13.951	2014	2017	2028	rBV4	203579	453525	7.87%	0.985%
45	14.104	2037	2043	2046	rBV2	1515476	1523774	26.45%	3.310%
46	14.127	2046	2047	2049	rVB	179043	97702	1.70%	0.212%
47	14.268	2068	2071	2073	rBV	82313	72481	1.26%	0.157%
48	14.574	2120	2123	2127	rBV2	121552	129781	2.25%	0.282%
49	14.892	2174	2177	2181	rVB	154688	143850	2.50%	0.312%
50	15.163	2220	2223	2233	rVB	151062	306105	5.31%	0.665%
51	15.245	2233	2237	2241	rBV	178895	231676	4.02%	0.503%
52	15.480	2274	2277	2283	rVB	90901	119966	2.08%	0.261%
53	15.545	2285	2288	2292	rVB	111363	137549	2.39%	0.299%
54	15.615	2295	2300	2303	rVV	988265	1252281	21.74%	2.720%
55	15.645	2303	2305	2312	rVB	181389	235520	4.09%	0.512%
56	16.110	2380	2384	2389	rVB	104333	157222	2.73%	0.342%
57	16.639	2471	2474	2479	rVB2	66906	104724	1.82%	0.227%

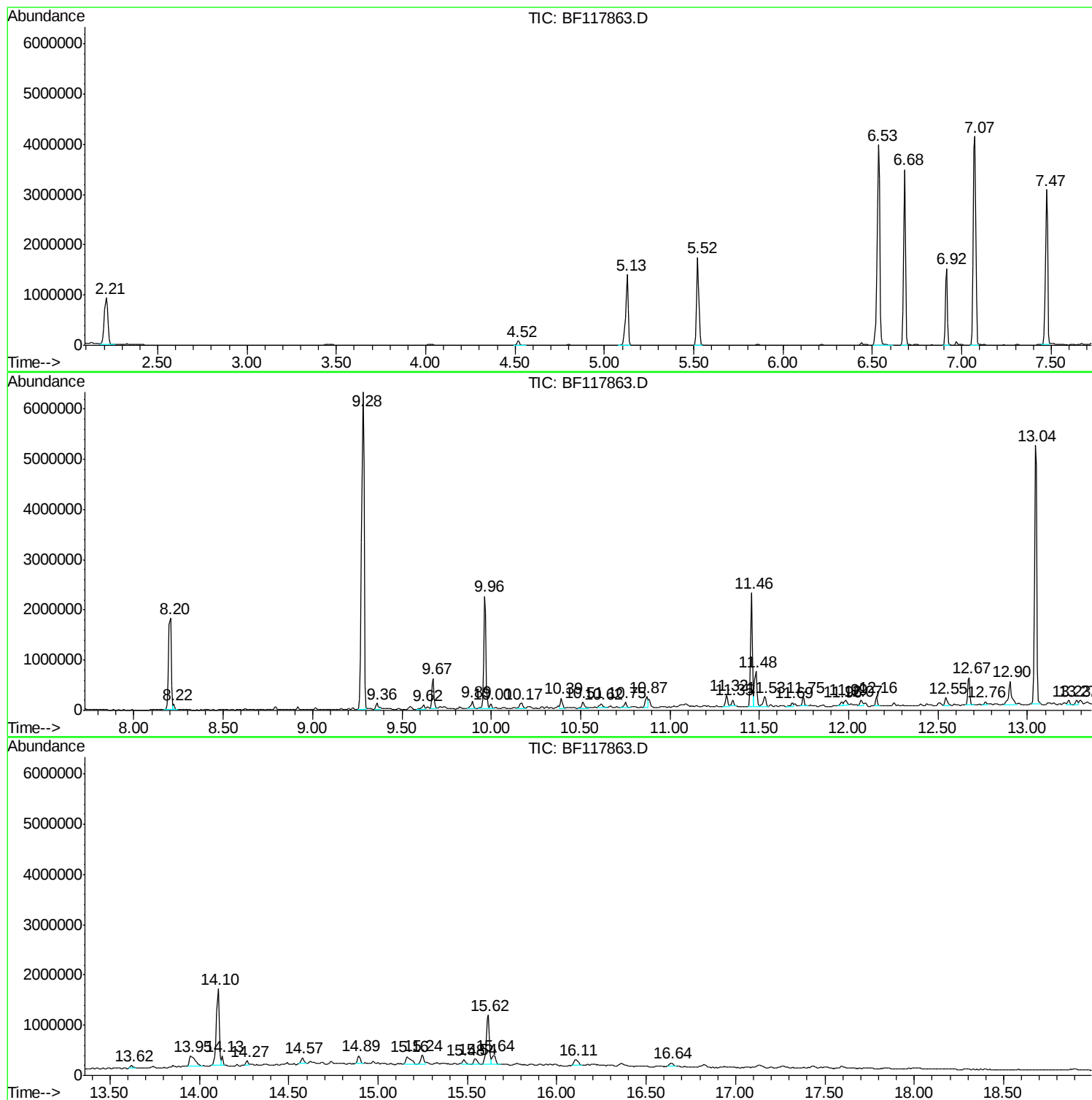
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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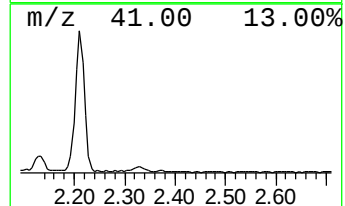
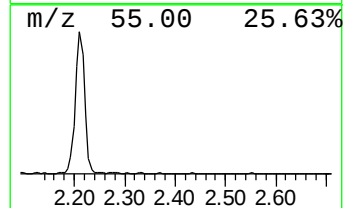
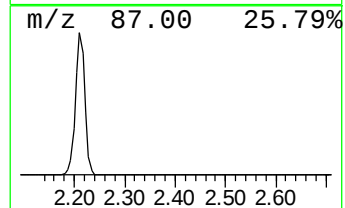
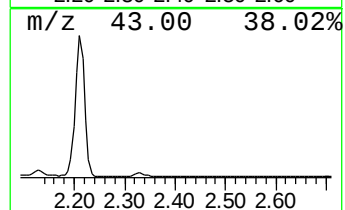
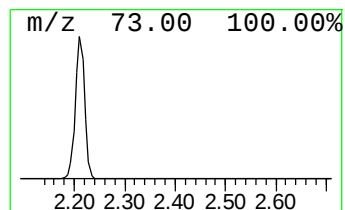
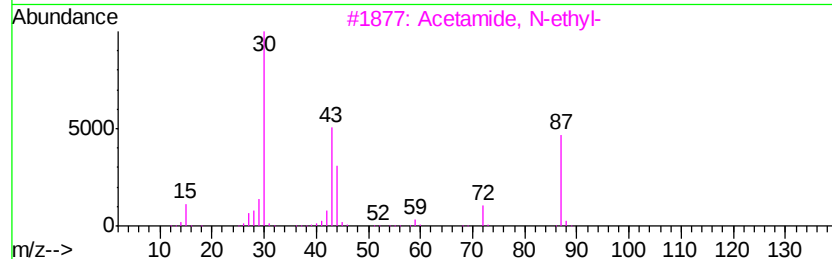
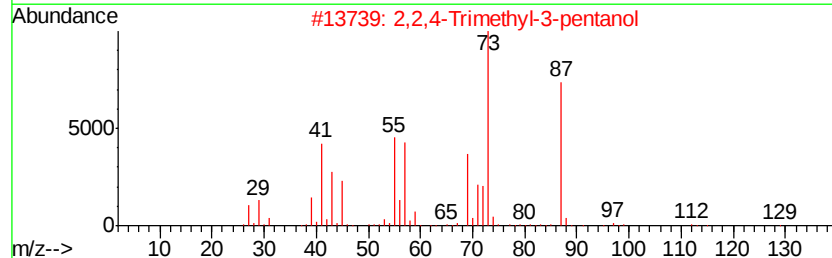
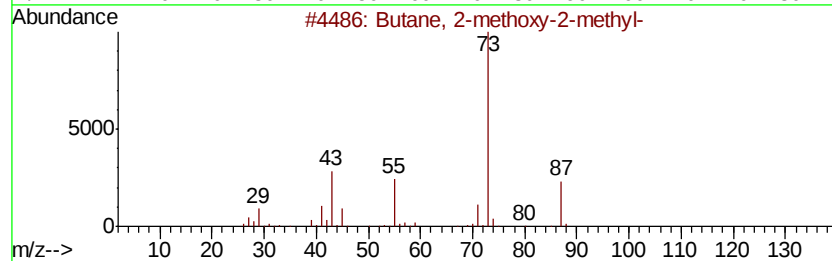
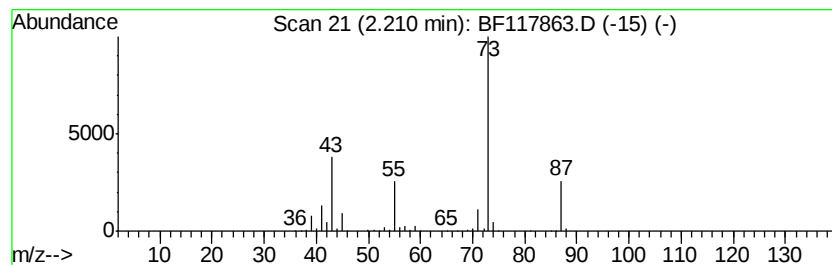
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	18.84 ng	1197320	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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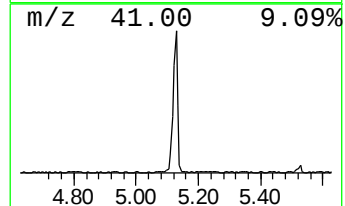
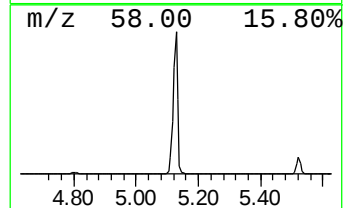
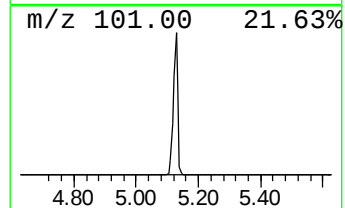
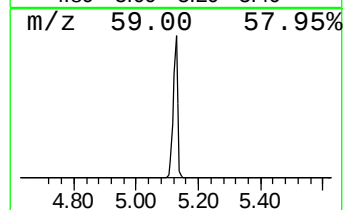
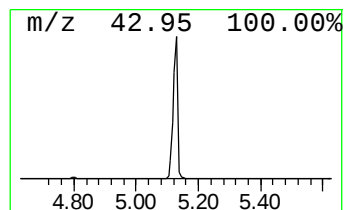
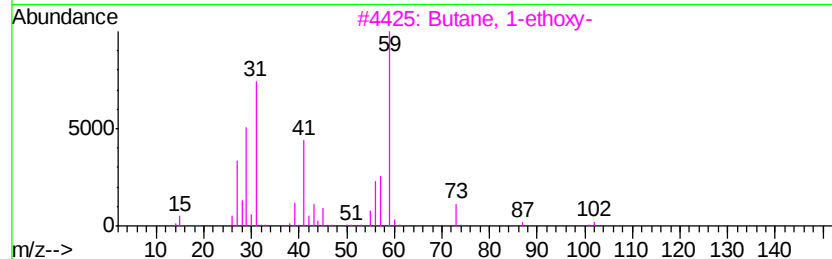
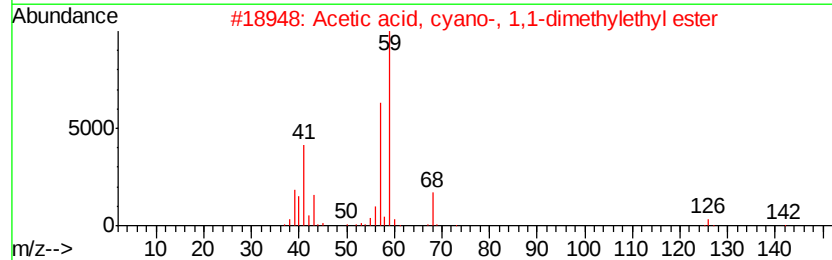
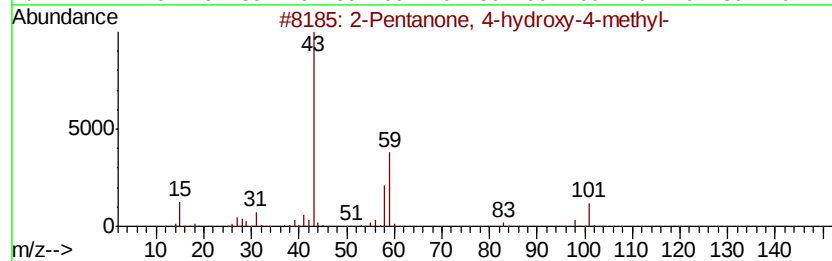
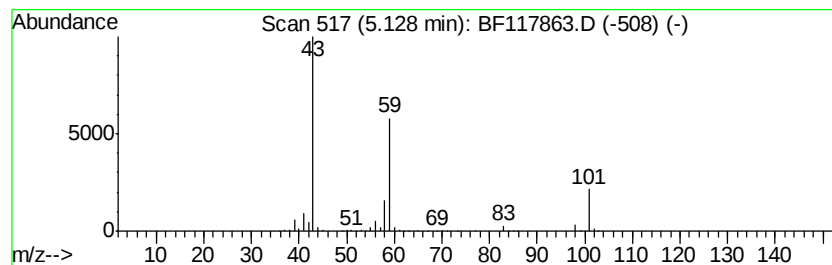
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	22.26 ng	1415110	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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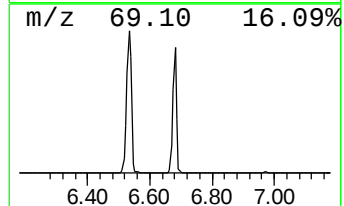
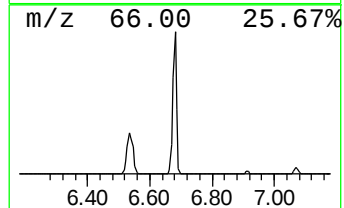
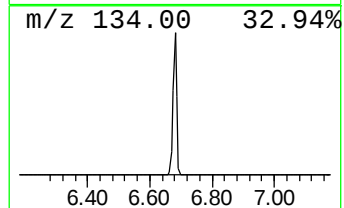
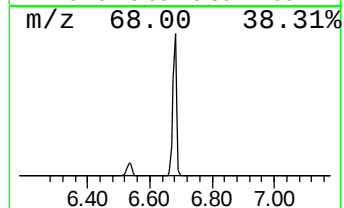
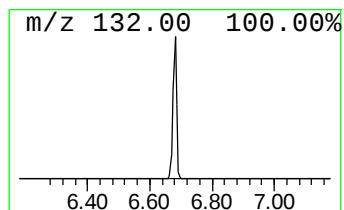
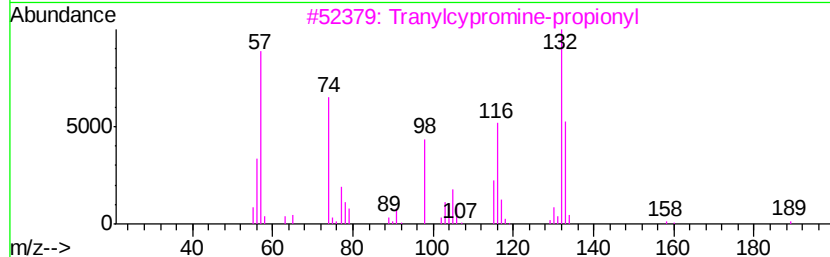
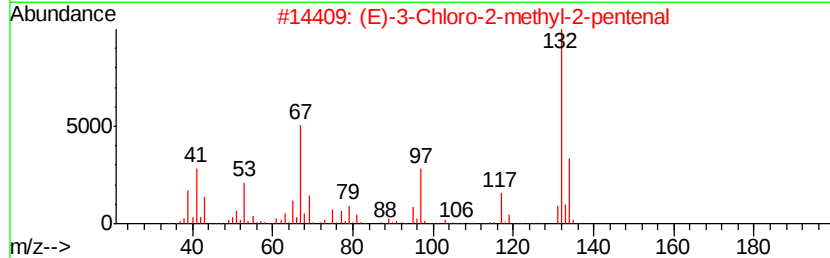
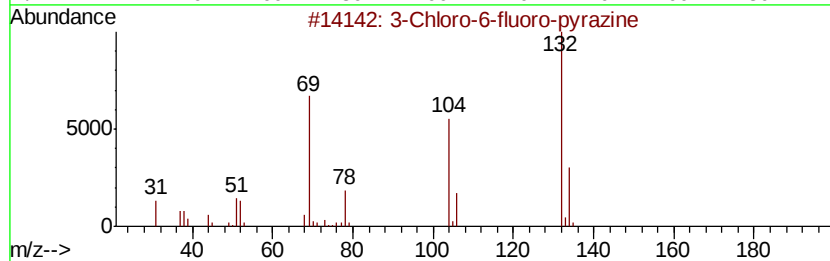
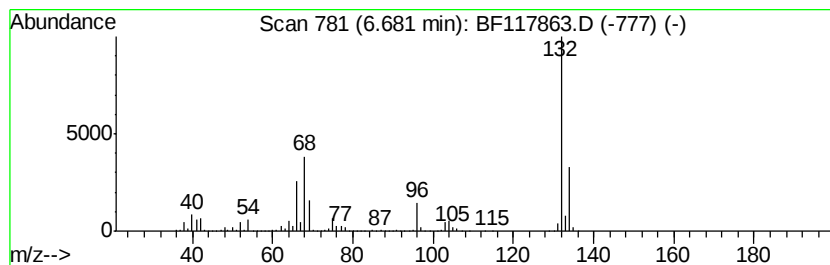
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	46.53 ng	2957450	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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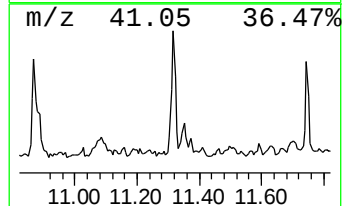
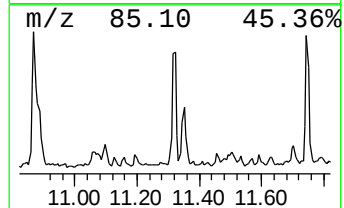
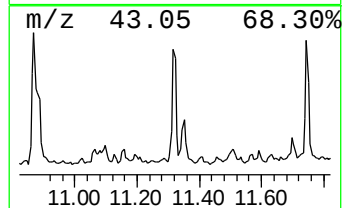
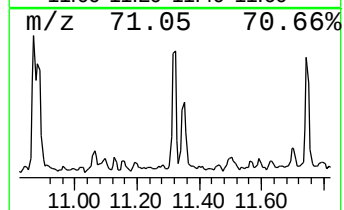
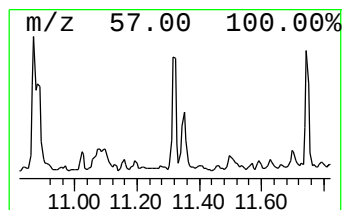
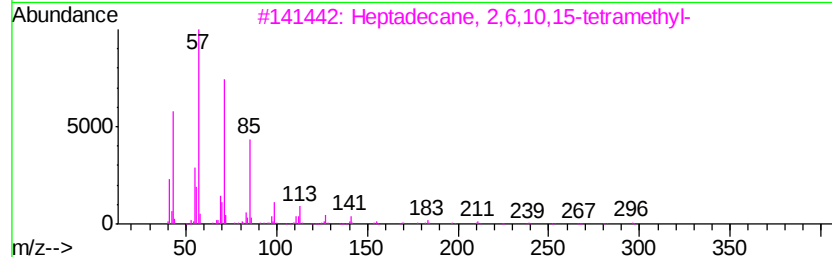
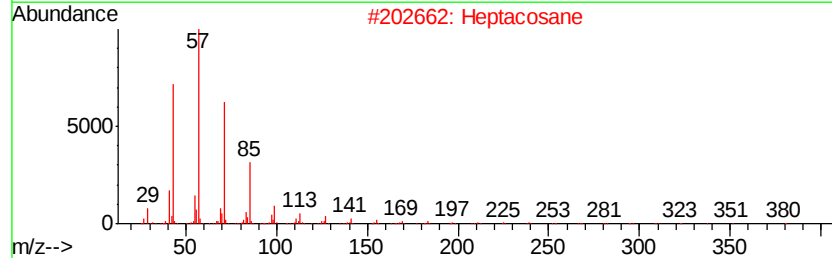
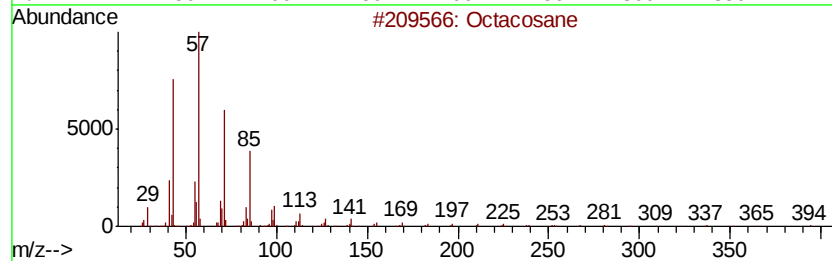
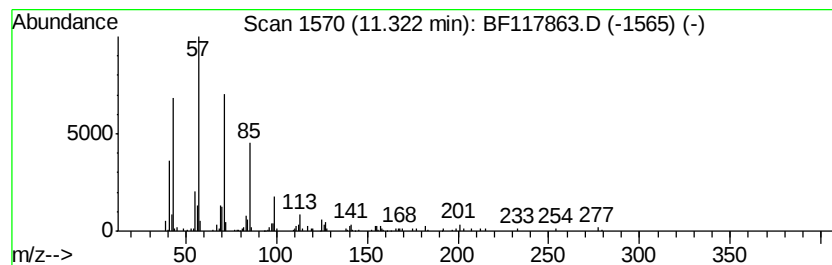
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.34 ng	216466	Phenanthrene-d10	11.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	58
2	Heptacosane		380	C27H56	000593-49-7	58
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	52
4	Tetradecane		198	C14H30	000629-59-4	52
5	Tetracosane		338	C24H50	000646-31-1	52



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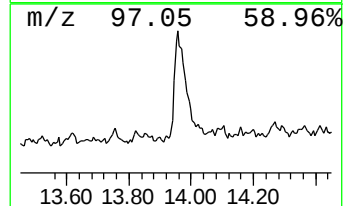
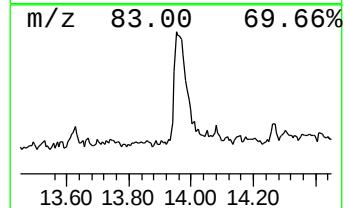
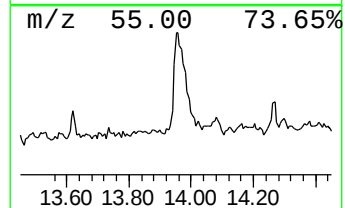
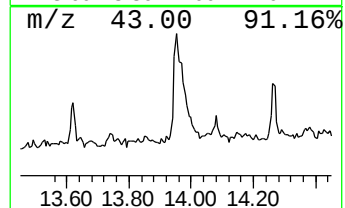
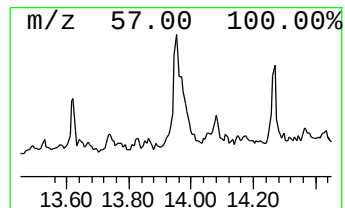
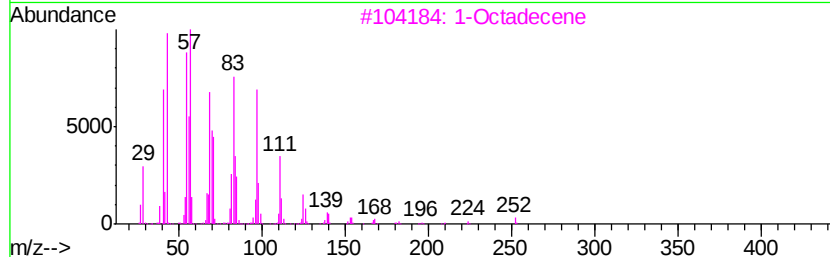
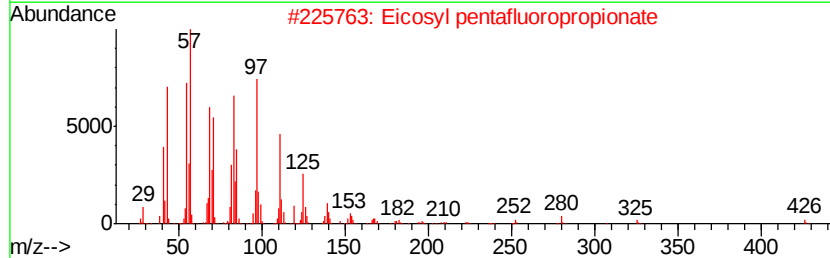
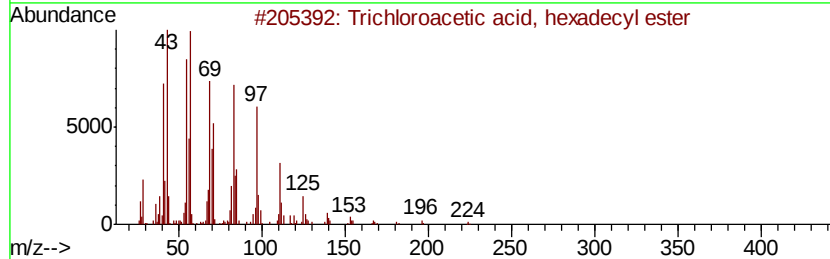
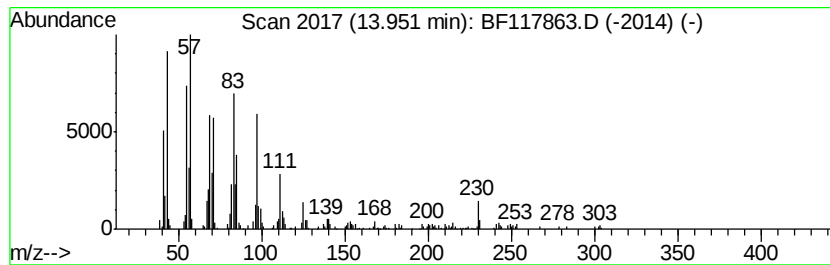
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.95 ng	453525	Chrysene-d12	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
3		1-Octadecene	252	C18H36	000112-88-9	87
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117863.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

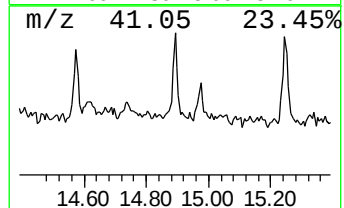
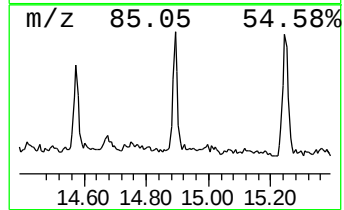
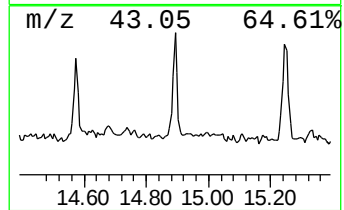
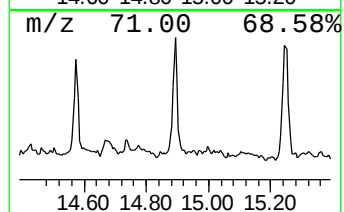
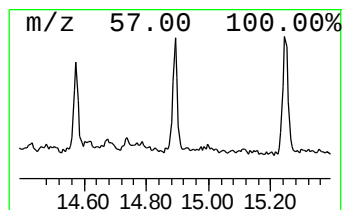
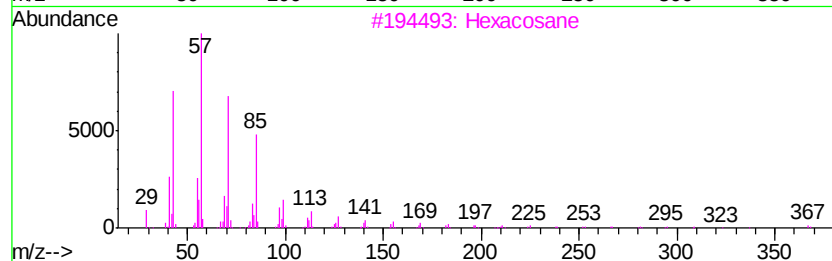
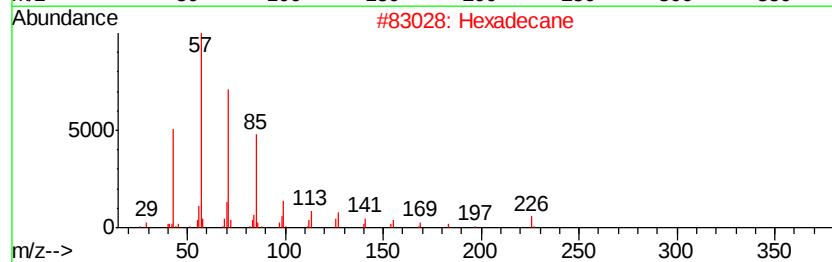
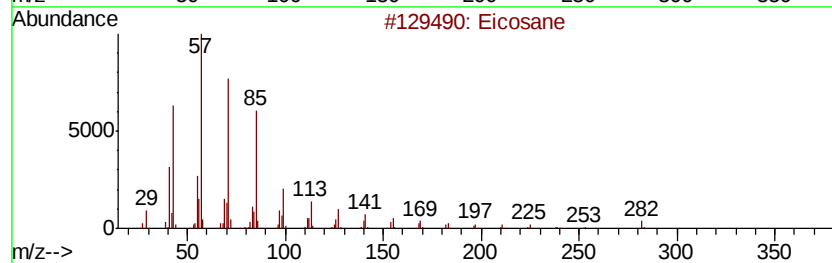
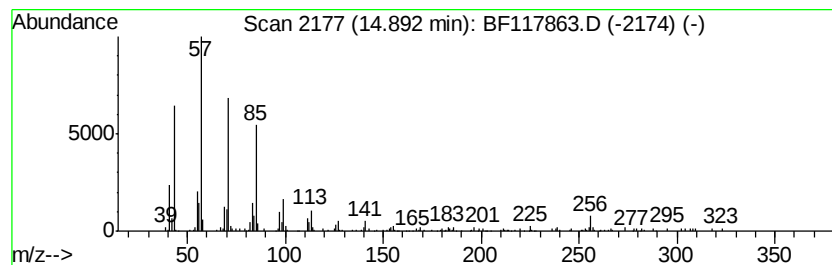
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ClientSampleId :
3-(16-18)

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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 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.30 ng	143850	Perylene-d12	15.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Hexadecane	226 C16H34	000544-76-3	93
3	Hexacosane	366 C26H54	000630-01-3	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	89
5	Octadecane	254 C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117863.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-(16-18)

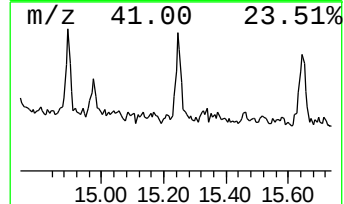
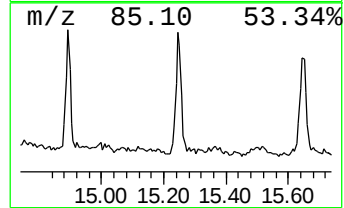
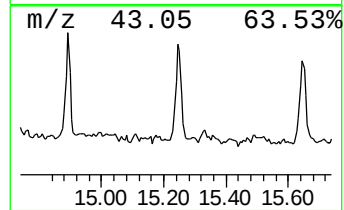
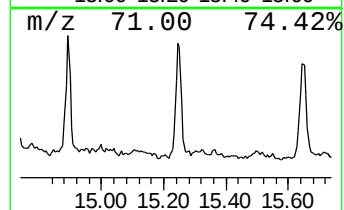
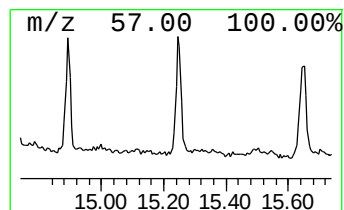
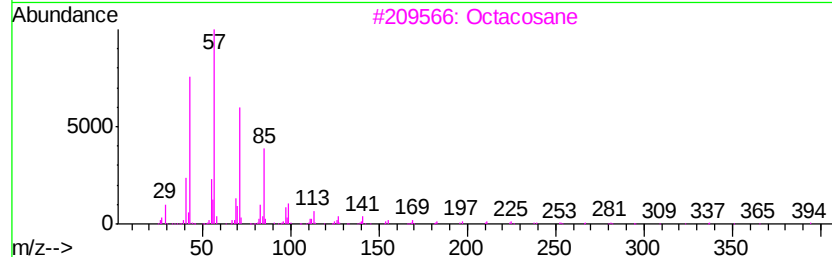
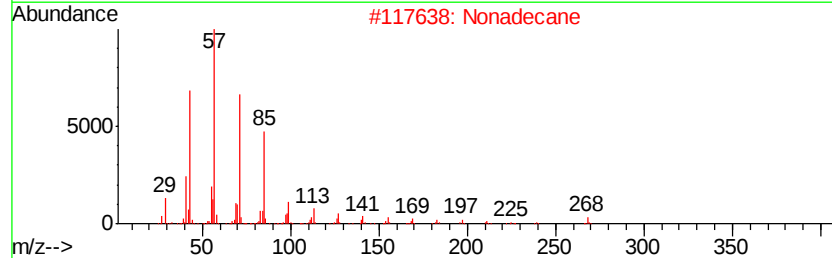
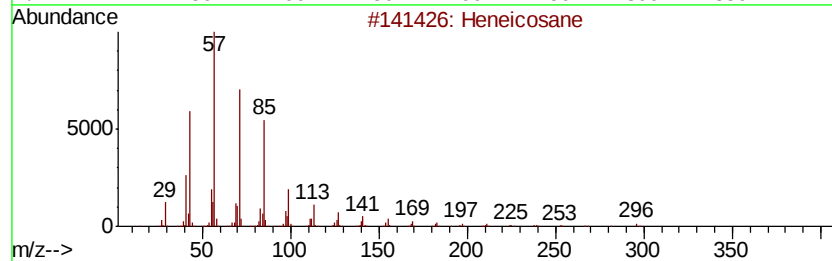
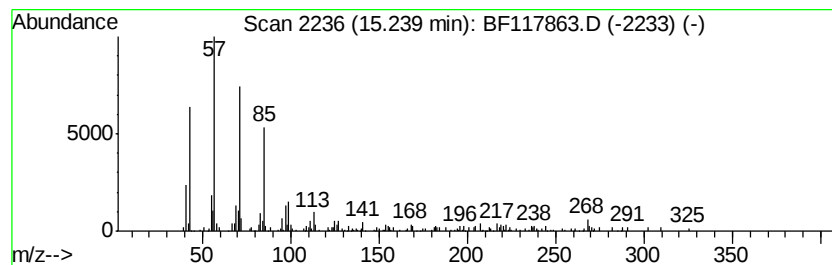
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	3.70 ng	231676	Perylene-d12	15.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Nonadecane		268	C19H40	000629-92-5	93
3	Octacosane		394	C28H58	000630-02-4	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Pentacosane		352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117863.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-(16-18)

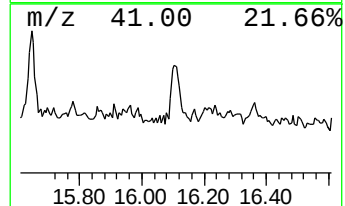
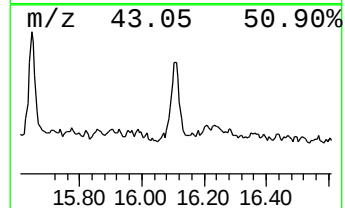
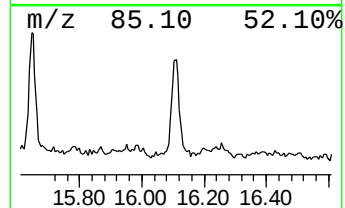
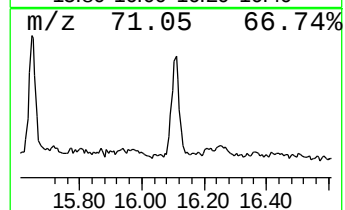
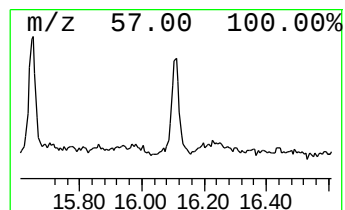
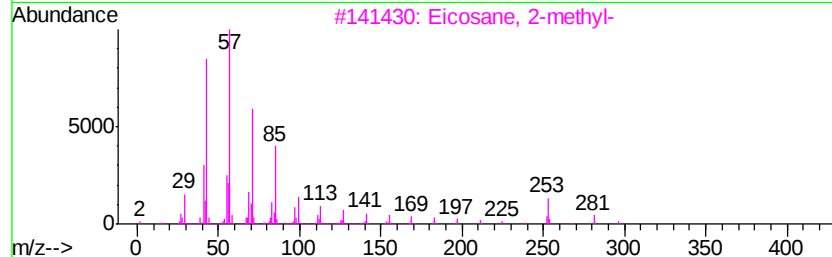
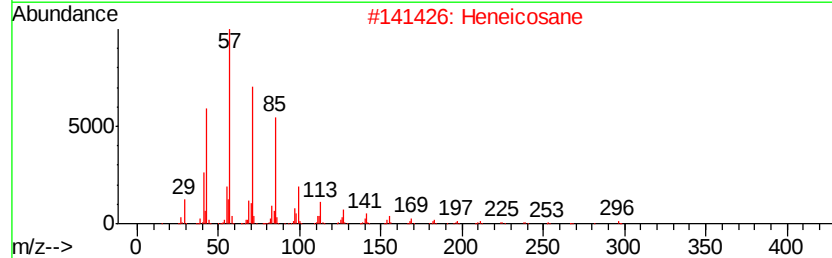
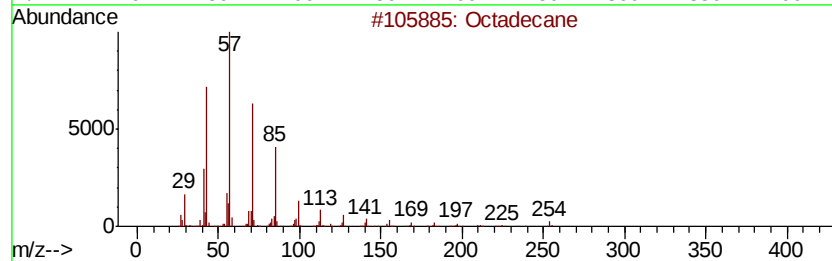
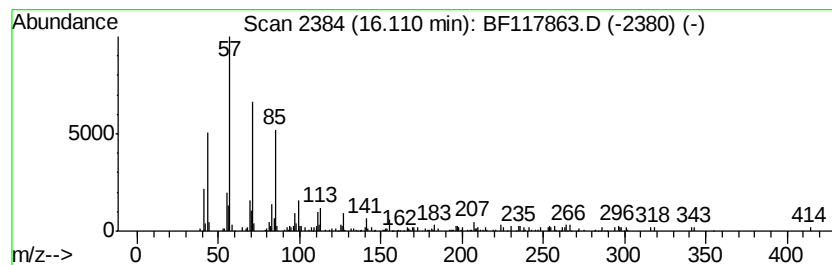
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.51 ng	157222	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heneicosane	296	C21H44	000629-94-7	95
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
4		Hexacosane	366	C26H54	000630-01-3	90
5		10-Methylnonadecane	282	C20H42	056862-62-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111919\
Data File : BF117863.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-(16-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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-methoxy...	2.21	18.8	ng	1197320	1	6.92	1271240	20.0
2-Pentanone, 4-hy...	5.13	22.3	ng	1415110	1	6.92	1271240	20.0
unknown6.68	6.68	46.5	ng	2957450	1	6.92	1271240	20.0
Octacosane	11.32	2.3	ng	216466	4	11.46	1850330	20.0
Trichloroacetic a...	13.95	6.0	ng	453525	5	14.10	1523770	20.0
Eicosane	14.89	2.3	ng	143850	6	15.62	1252280	20.0
Heneicosane	15.24	3.7	ng	231676	6	15.62	1252280	20.0
Octadecane	16.11	2.5	ng	157222	6	15.62	1252280	20.0