

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112202.D
 Acq On : 23 Jan 2019 15:24
 Operator : JU/SJ
 Sample : K1216-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MULCH-1

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-BF011619.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	5.063	502	506	516	rVB	163481	208569	3.64%	0.424%
2	5.487	574	578	591	rBV	3800178	3675257	64.07%	7.473%
3	6.498	745	750	768	rBV	3938865	4189732	73.04%	8.519%
4	6.628	768	772	775	rBV	4812496	4120715	71.84%	8.379%
5	6.851	806	810	818	rBV	1410633	1135077	19.79%	2.308%
6	7.010	833	837	840	rBV	3884572	3252795	56.71%	6.614%
7	7.410	901	905	917	rBV	2562437	2555194	44.55%	5.196%
8	8.133	1024	1028	1036	rBV	1773529	1511580	26.35%	3.074%
9	8.210	1038	1041	1055	rVB	35237	73792	1.29%	0.150%
10	9.210	1206	1211	1214	rBV	5843668	5133727	89.50%	10.439%
11	9.598	1274	1277	1282	rBV	400037	328402	5.73%	0.668%
12	9.886	1322	1326	1331	rBV	1992885	1880217	32.78%	3.823%
13	10.680	1456	1461	1472	rBV	3955168	3676853	64.10%	7.476%
14	11.374	1575	1579	1581	rBV	2406881	2011786	35.07%	4.091%
15	11.398	1581	1583	1590	rVB	380227	318672	5.56%	0.648%
16	11.874	1660	1664	1666	rBV	88488	92429	1.61%	0.188%
17	11.898	1666	1668	1675	rVB2	337732	353748	6.17%	0.719%
18	11.986	1680	1683	1685	rVV2	111105	119731	2.09%	0.243%
19	12.010	1685	1687	1691	rVB	74857	67196	1.17%	0.137%
20	12.427	1754	1758	1760	rBV	80682	81612	1.42%	0.166%
21	12.586	1782	1785	1790	rBV	491728	425767	7.42%	0.866%
22	12.680	1799	1801	1805	rBV3	57057	57363	1.00%	0.117%
23	12.816	1819	1824	1831	rBV	469796	486621	8.48%	0.989%
24	12.963	1844	1849	1852	rBV	5806741	5735951	100.00%	11.663%
25	13.033	1858	1861	1866	rBV3	48140	73892	1.29%	0.150%
26	13.251	1894	1898	1905	rVB2	76336	93601	1.63%	0.190%
27	13.527	1937	1945	1947	rBV3	66665	92230	1.61%	0.188%
28	13.657	1964	1967	1971	rVB	60484	65710	1.15%	0.134%
29	13.763	1981	1985	1988	rBV4	54289	74813	1.30%	0.152%
30	13.845	1996	1999	2006	rVB3	504706	632002	11.02%	1.285%
31	14.015	2020	2028	2031	rBV	2164339	2117886	36.92%	4.306%
32	14.039	2031	2032	2040	rVB	227900	182705	3.19%	0.371%
33	14.168	2051	2054	2059	rBV3	112151	137425	2.40%	0.279%
34	14.404	2090	2094	2097	rVB	58272	61291	1.07%	0.125%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.474	2102	2106	2112	rVB2	211583	256941	4.48%	0.522%
36	14.780	2155	2158	2165	rVB	135687	135379	2.36%	0.275%
37	14.857	2167	2171	2175	rVB	477570	445599	7.77%	0.906%
38	15.057	2201	2205	2212	rBV	143218	259915	4.53%	0.528%
39	15.115	2212	2215	2218	rBV	201780	214417	3.74%	0.436%
40	15.362	2253	2257	2262	rVB	86464	121853	2.12%	0.248%
41	15.427	2264	2268	2273	rVB	107646	136629	2.38%	0.278%
42	15.486	2273	2278	2286	rBV	1286494	1752852	30.56%	3.564%
43	15.927	2349	2353	2358	rBV	247655	361133	6.30%	0.734%
44	15.986	2359	2363	2371	rVB6	60973	120184	2.10%	0.244%
45	16.433	2435	2439	2445	rVB2	66458	112777	1.97%	0.229%
46	16.962	2525	2529	2535	rBV2	54518	110631	1.93%	0.225%
47	17.027	2536	2540	2548	rVB5	58795	127999	2.23%	0.260%

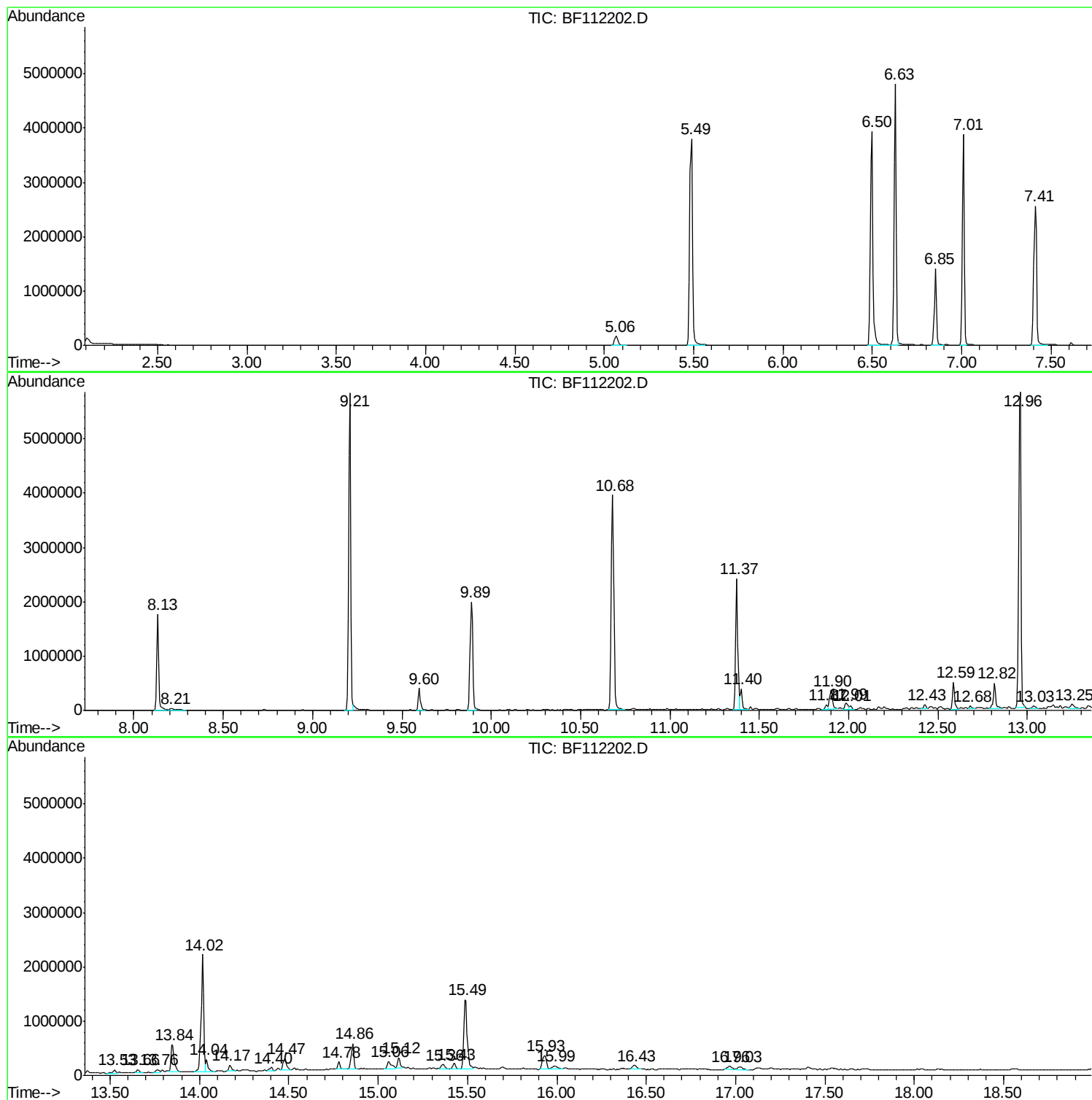
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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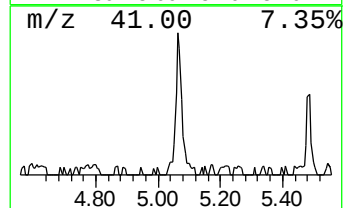
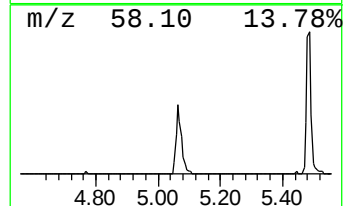
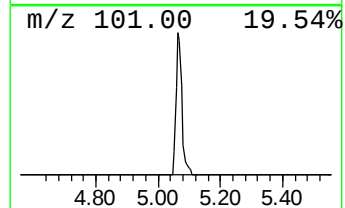
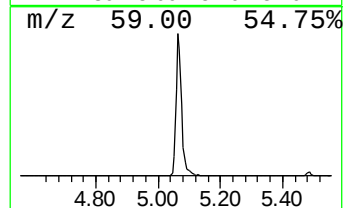
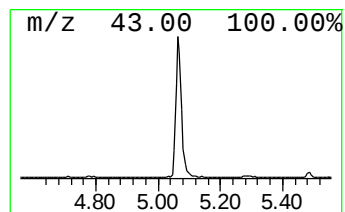
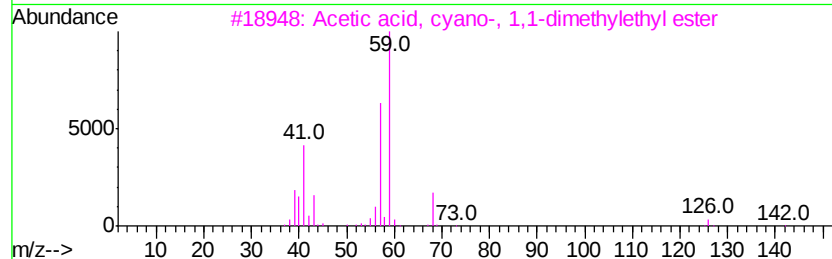
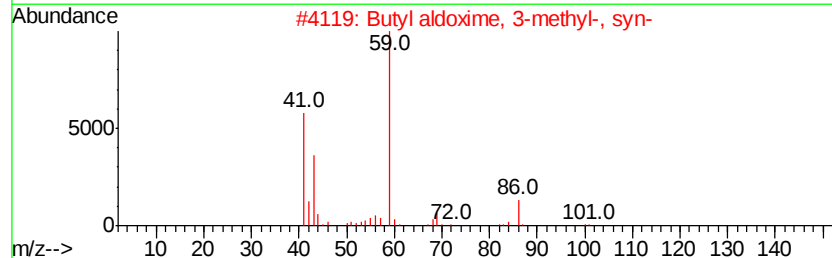
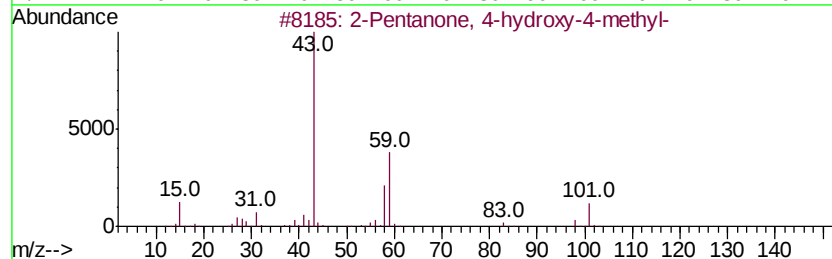
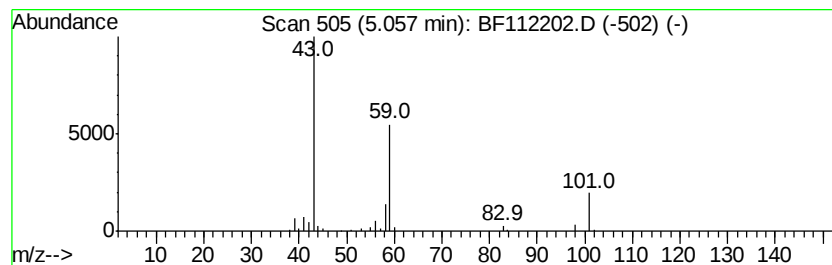
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.67 ng	208569	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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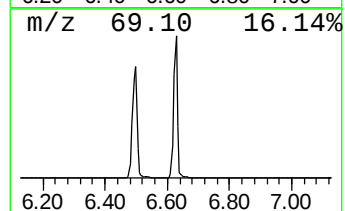
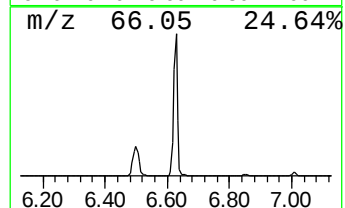
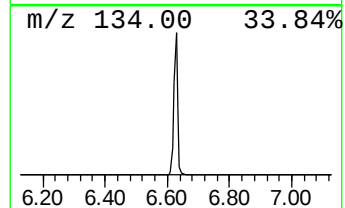
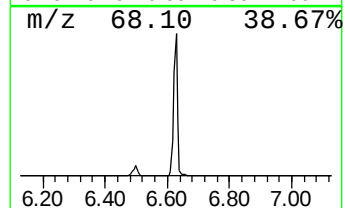
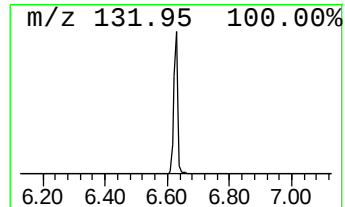
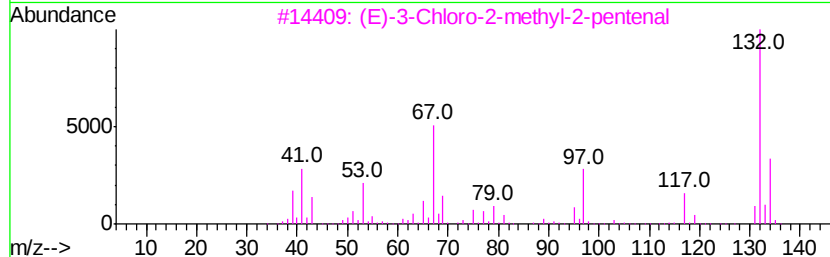
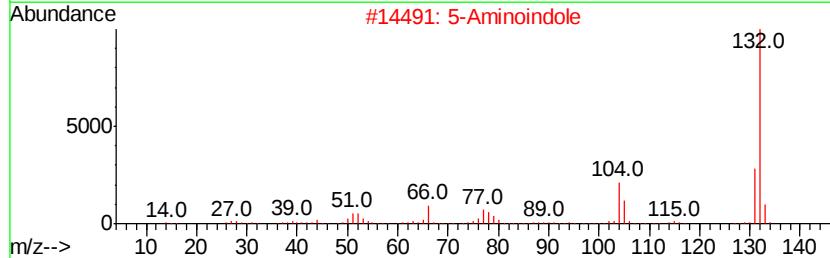
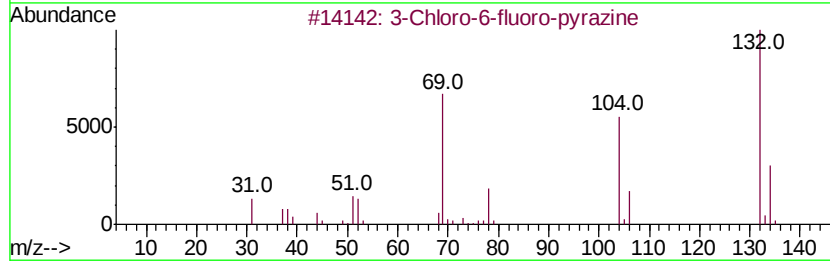
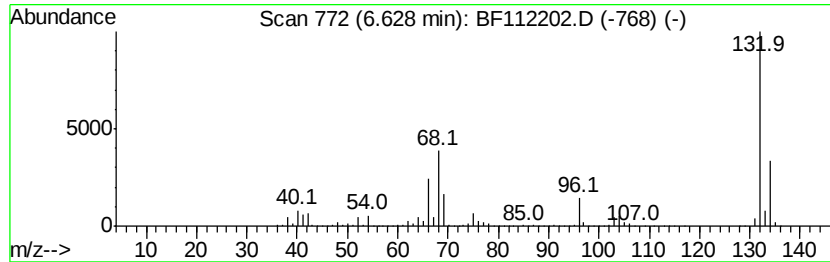
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	72.61 ng	4120720	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



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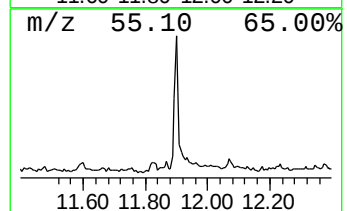
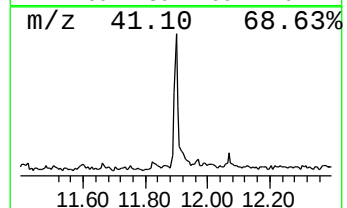
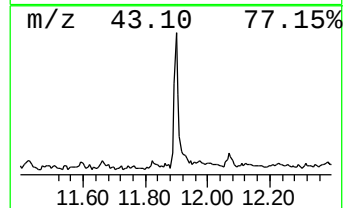
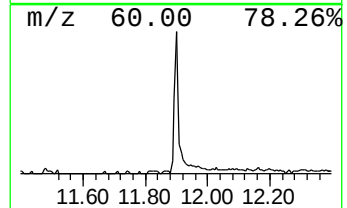
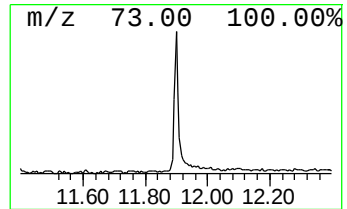
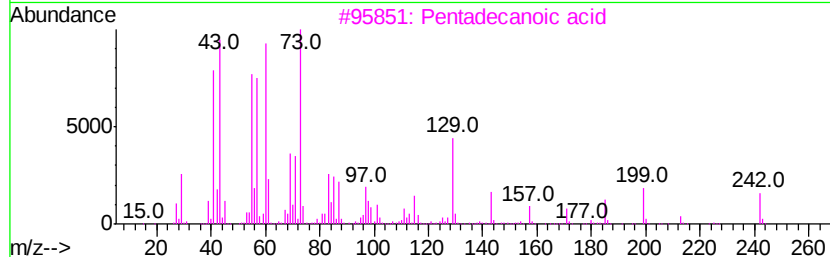
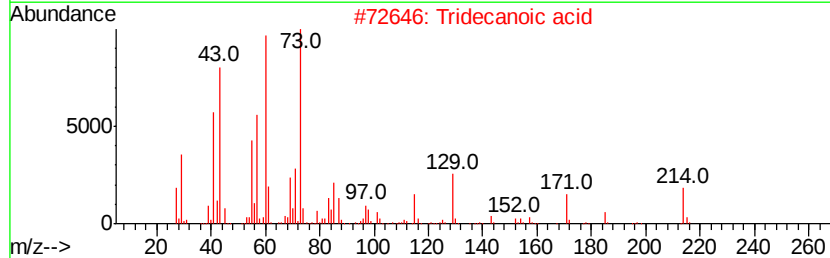
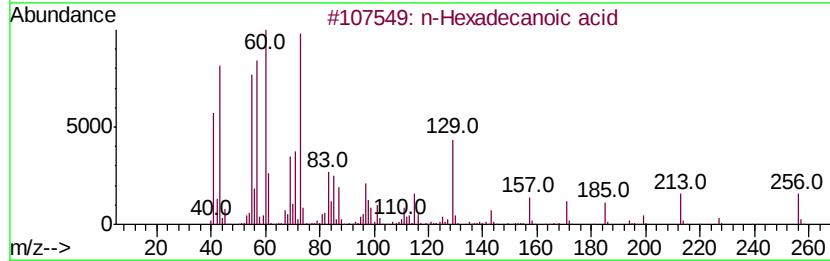
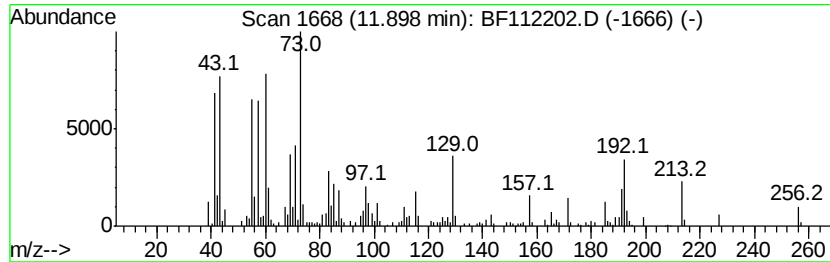
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.52 ng	353748	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20



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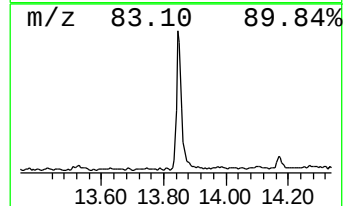
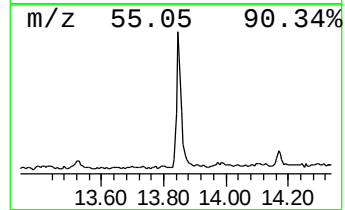
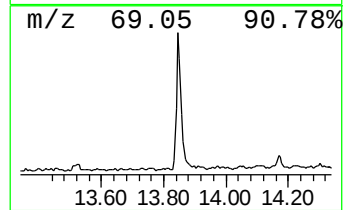
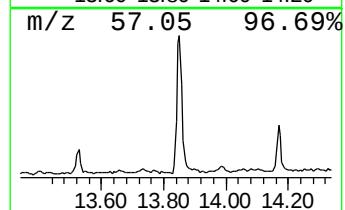
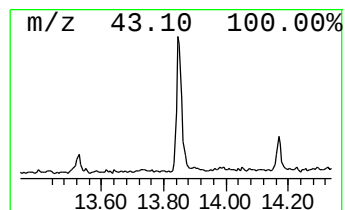
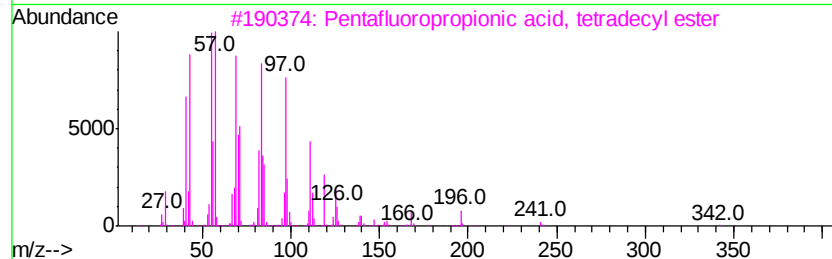
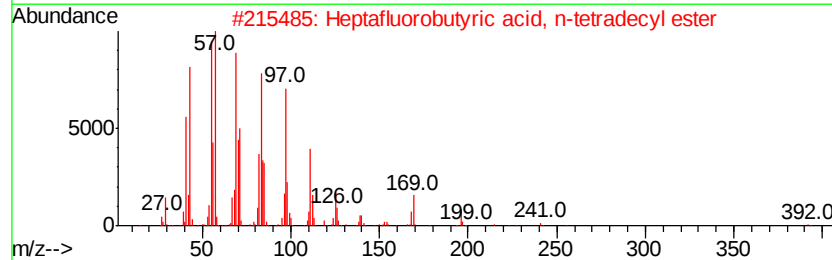
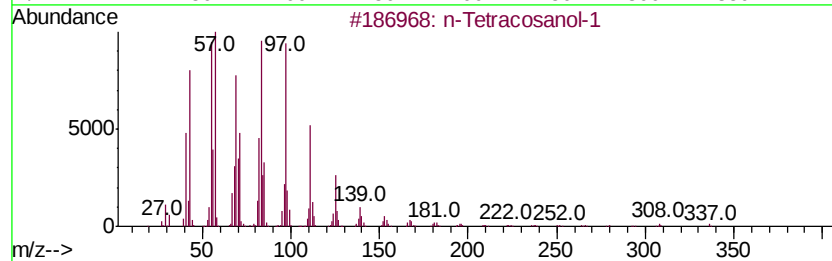
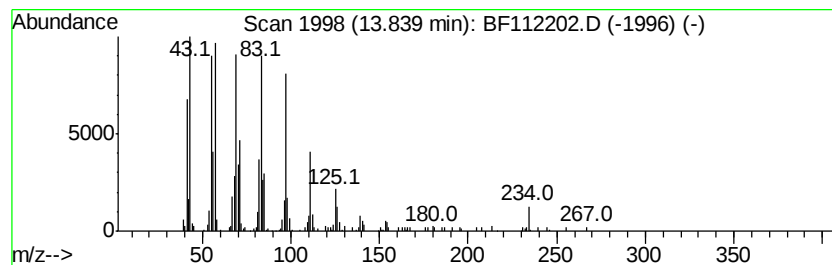
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.97 ng	632002	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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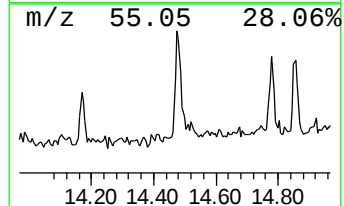
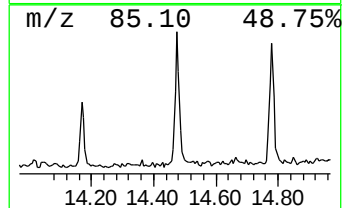
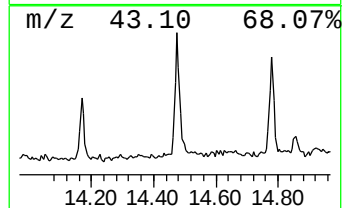
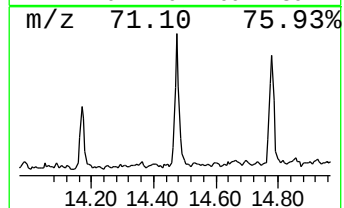
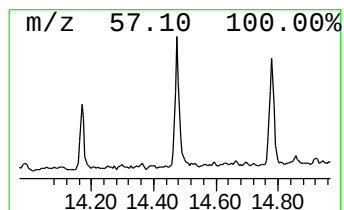
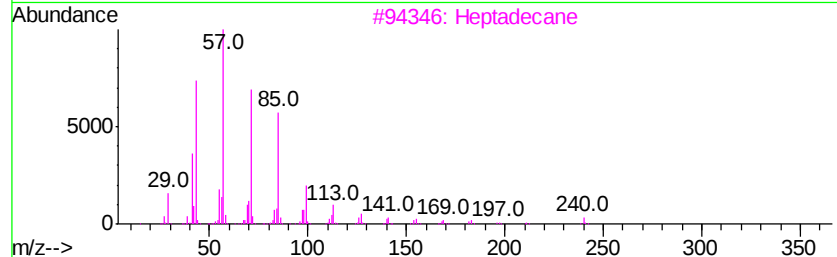
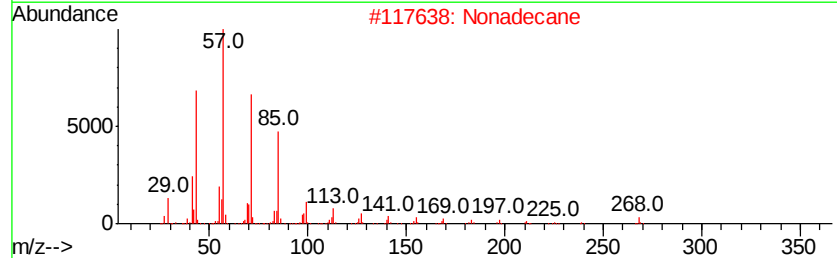
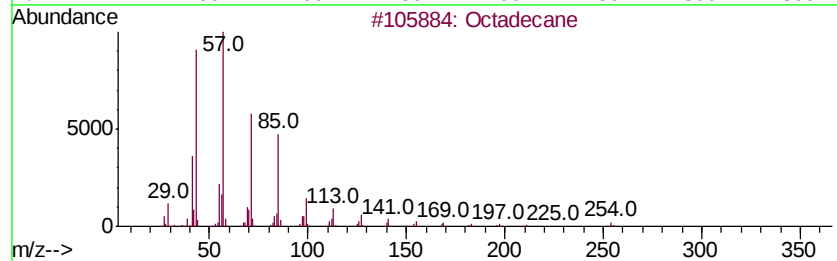
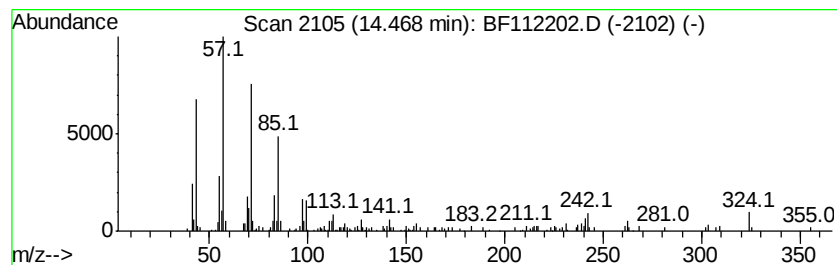
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.43 ng	256941	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	96
2	Nonadecane		268	C19H40	000629-92-5	93
3	Heptadecane		240	C17H36	000629-78-7	93
4	Hexadecane		226	C16H34	000544-76-3	92
5	Tetratetracontane		619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
Data File : BF112202.D
Acq On : 23 Jan 2019 15:24
Operator : JU/SJ
Sample : K1216-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MULCH-1

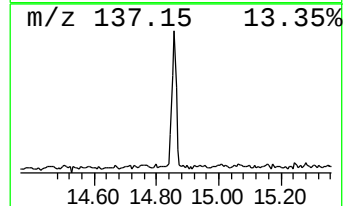
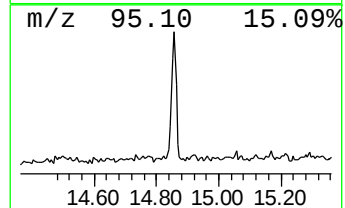
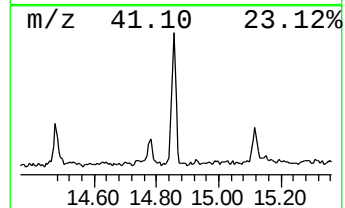
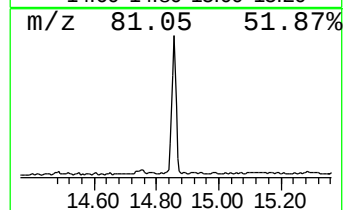
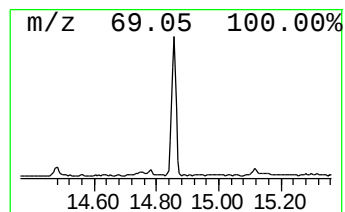
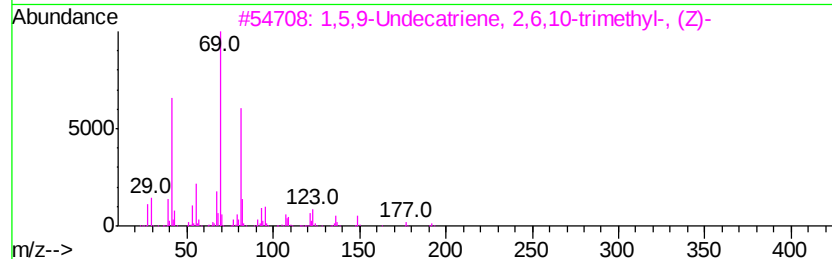
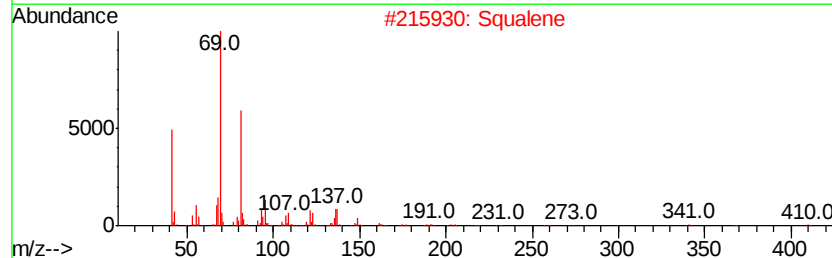
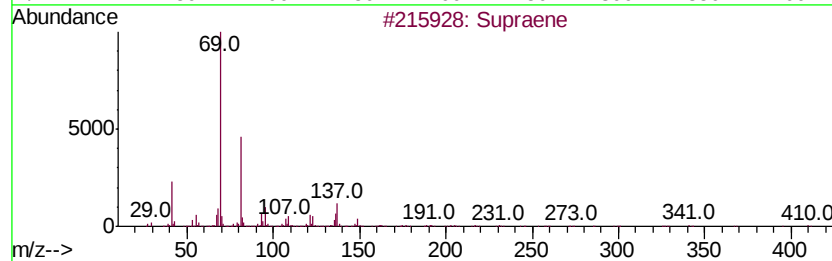
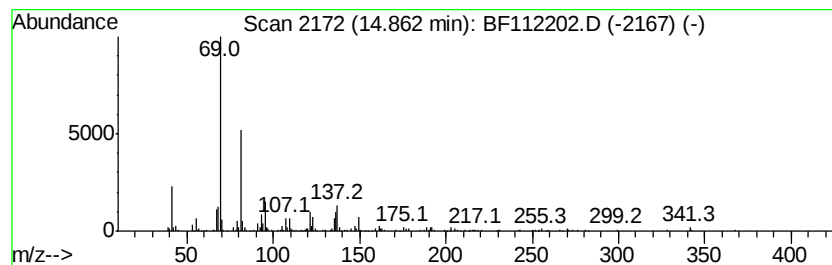
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.08 ng	445599	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H360	056882-09-8	83
5		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H280	066408-55-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
Data File : BF112202.D
Acq On : 23 Jan 2019 15:24
Operator : JU/SJ
Sample : K1216-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MULCH-1

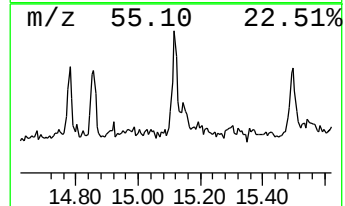
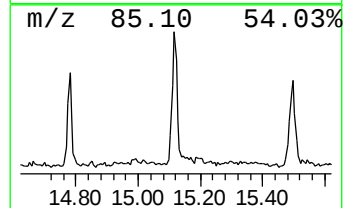
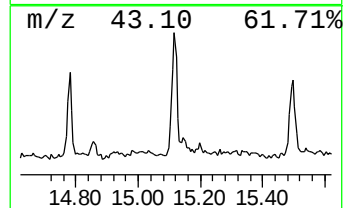
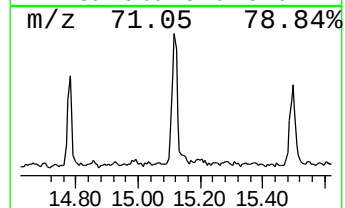
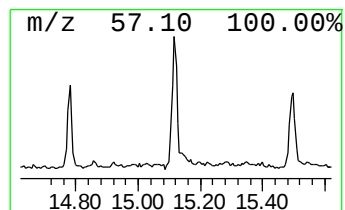
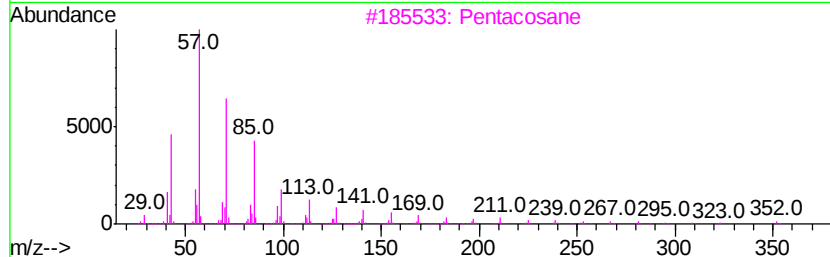
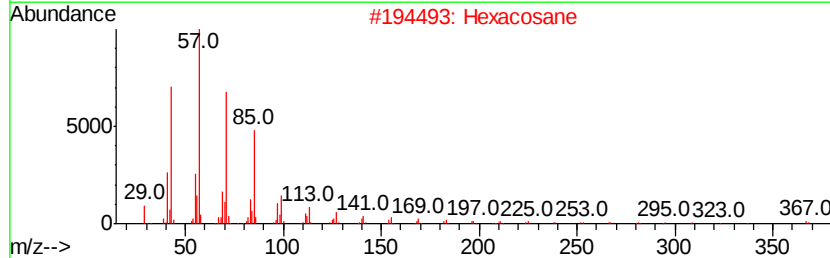
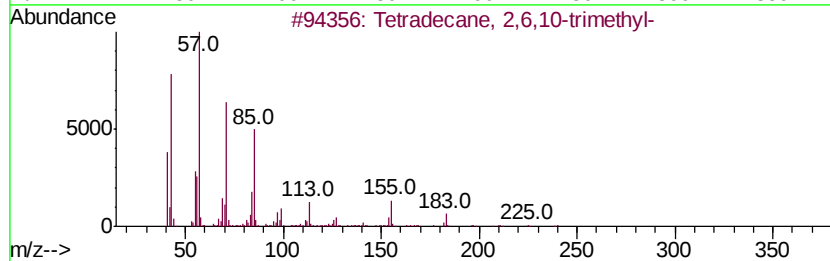
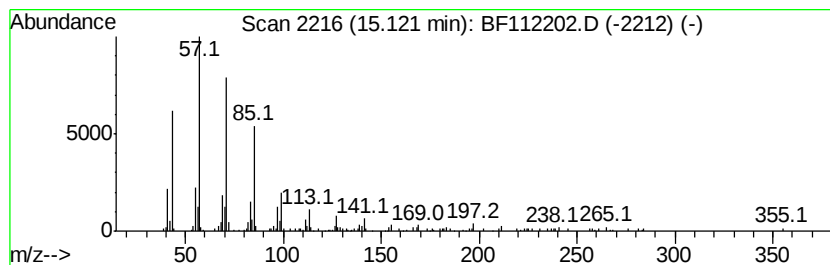
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.45 ng	214417	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Pentacosane	352	C25H52	000629-99-2	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
Data File : BF112202.D
Acq On : 23 Jan 2019 15:24
Operator : JU/SJ
Sample : K1216-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MULCH-1

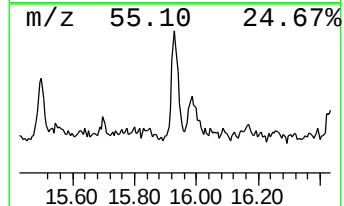
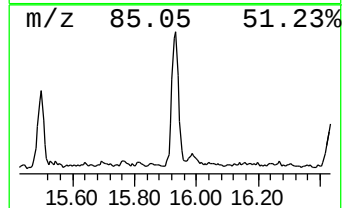
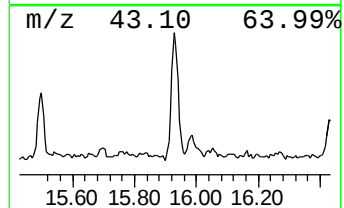
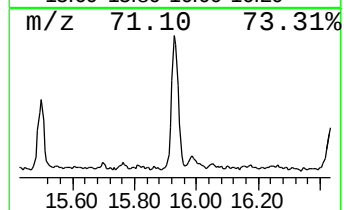
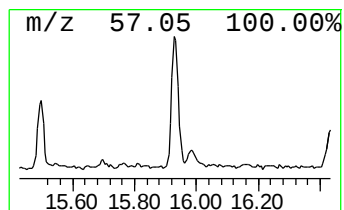
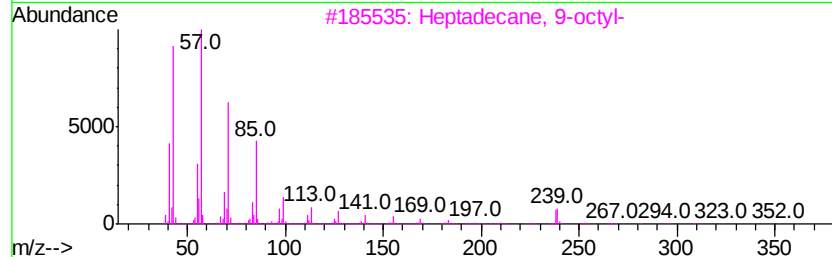
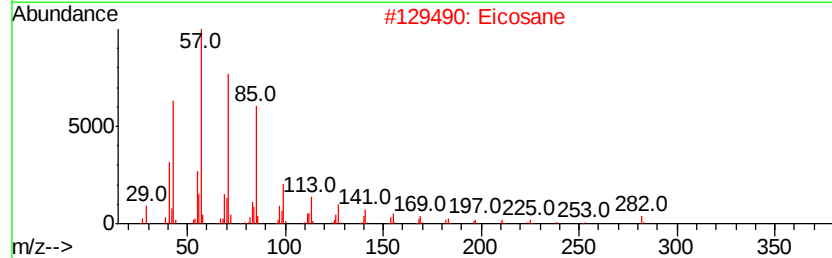
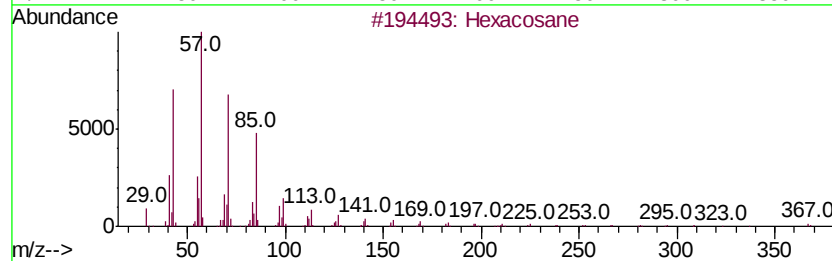
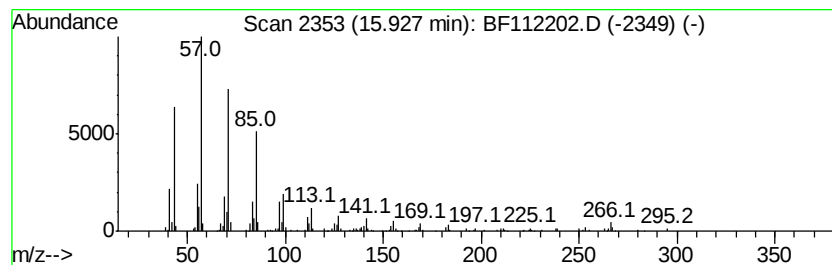
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.12 ng	361133	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Eicosane	282	C20H42	000112-95-8	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012319\
Data File : BF112202.D
Acq On : 23 Jan 2019 15:24
Operator : JU/SJ
Sample : K1216-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MULCH-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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...	5.06	3.7	ng	208569	1	6.85	1135080	20.0
unknown6.63	6.63	72.6	ng	4120720	1	6.85	1135080	20.0
n-Hexadecanoic acid	11.90	3.5	ng	353748	4	11.37	2011790	20.0
n-Tetracosanol-1	13.84	6.0	ng	632002	5	14.02	2117890	20.0
Octadecane	14.47	2.4	ng	256941	5	14.02	2117890	20.0
Supraene	14.86	5.1	ng	445599	6	15.49	1752850	20.0
Tetradecane, 2,6,...	15.12	2.5	ng	214417	6	15.49	1752850	20.0
Hexacosane	15.93	4.1	ng	361133	6	15.49	1752850	20.0