

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113154.D
 Acq On : 20 Mar 2019 5:28
 Operator : JU/SJ
 Sample : K1948-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW065-031219

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-BF022719.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	5.346	549	554	557	rBV	3624420	3676089	90.73%	9.831%
2	6.004	663	666	669	rVB	129540	115127	2.84%	0.308%
3	6.169	685	694	698	rBV	94277	85866	2.12%	0.230%
4	6.375	723	729	732	rBV	3671563	4051735	100.00%	10.835%
5	6.428	735	738	741	rVB	187370	172717	4.26%	0.462%
6	6.498	745	750	753	rBV	4223674	4012433	99.03%	10.730%
7	6.557	758	760	766	rVV2	36983	47012	1.16%	0.126%
8	6.722	784	788	791	rBV	1241262	955724	23.59%	2.556%
9	6.881	811	815	818	rBV	3404300	2947987	72.76%	7.884%
10	7.287	878	884	887	rBV	2549133	2542817	62.76%	6.800%
11	8.004	1002	1006	1028	rBV	1351740	1269756	31.34%	3.396%
12	9.081	1184	1189	1192	rBV	3917015	3508580	86.59%	9.383%
13	9.469	1250	1255	1260	rBV	413534	433283	10.69%	1.159%
14	9.516	1260	1263	1267	rVB2	89221	85473	2.11%	0.229%
15	9.733	1296	1300	1301	rBV	226032	191477	4.73%	0.512%
16	9.751	1301	1303	1308	rVB	1299212	1208223	29.82%	3.231%
17	10.539	1433	1437	1444	rBV	2392959	2367655	58.44%	6.332%
18	10.598	1444	1447	1453	rVB	63157	95005	2.34%	0.254%
19	11.233	1551	1555	1562	rBV	1392494	1247502	30.79%	3.336%
20	11.769	1643	1646	1657	rBV2	376661	408772	10.09%	1.093%
21	12.439	1756	1760	1763	rBV	50173	54675	1.35%	0.146%
22	12.551	1776	1779	1792	rBV	127673	158689	3.92%	0.424%
23	12.645	1792	1795	1797	rBV2	44793	41892	1.03%	0.112%
24	12.816	1819	1824	1827	rBV	2917603	2730087	67.38%	7.301%
25	13.733	1975	1980	1990	rBV2	100230	240111	5.93%	0.642%
26	13.863	1997	2002	2013	rVB	1076063	1111671	27.44%	2.973%
27	13.969	2016	2020	2025	rBV	42264	53071	1.31%	0.142%
28	14.039	2028	2032	2038	rBV3	80058	104818	2.59%	0.280%
29	14.274	2067	2072	2077	rBV	240036	268921	6.64%	0.719%
30	14.345	2080	2084	2086	rVV3	196932	248446	6.13%	0.664%
31	14.368	2086	2088	2091	rVV2	151983	175157	4.32%	0.468%
32	14.398	2091	2093	2096	rVV	168893	192709	4.76%	0.515%
33	14.451	2100	2102	2106	rVV	107708	98025	2.42%	0.262%
34	14.498	2107	2110	2115	rVV2	62552	61334	1.51%	0.164%

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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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35	14.580	2121	2124	2127	rBV2	149999	130246	3.21%	0.348%
36	14.633	2130	2133	2136	rVB2	136683	142078	3.51%	0.380%
37	14.763	2150	2155	2159	rBV3	119778	199904	4.93%	0.535%
38	14.810	2159	2163	2165	rBV	156007	192182	4.74%	0.514%
39	14.886	2173	2176	2181	rVB4	63177	75884	1.87%	0.203%
40	14.951	2181	2187	2192	rBV2	129301	188220	4.65%	0.503%
41	15.004	2192	2196	2205	rBV7	48558	139230	3.44%	0.372%
42	15.268	2236	2241	2245	rBV	660641	851110	21.01%	2.276%
43	15.304	2245	2247	2253	rVB	125274	146266	3.61%	0.391%
44	15.710	2312	2316	2322	rVB	94042	135091	3.33%	0.361%
45	16.168	2392	2394	2405	rVB2	62156	134518	3.32%	0.360%
46	18.115	2720	2725	2735	rVB9	38063	95975	2.37%	0.257%

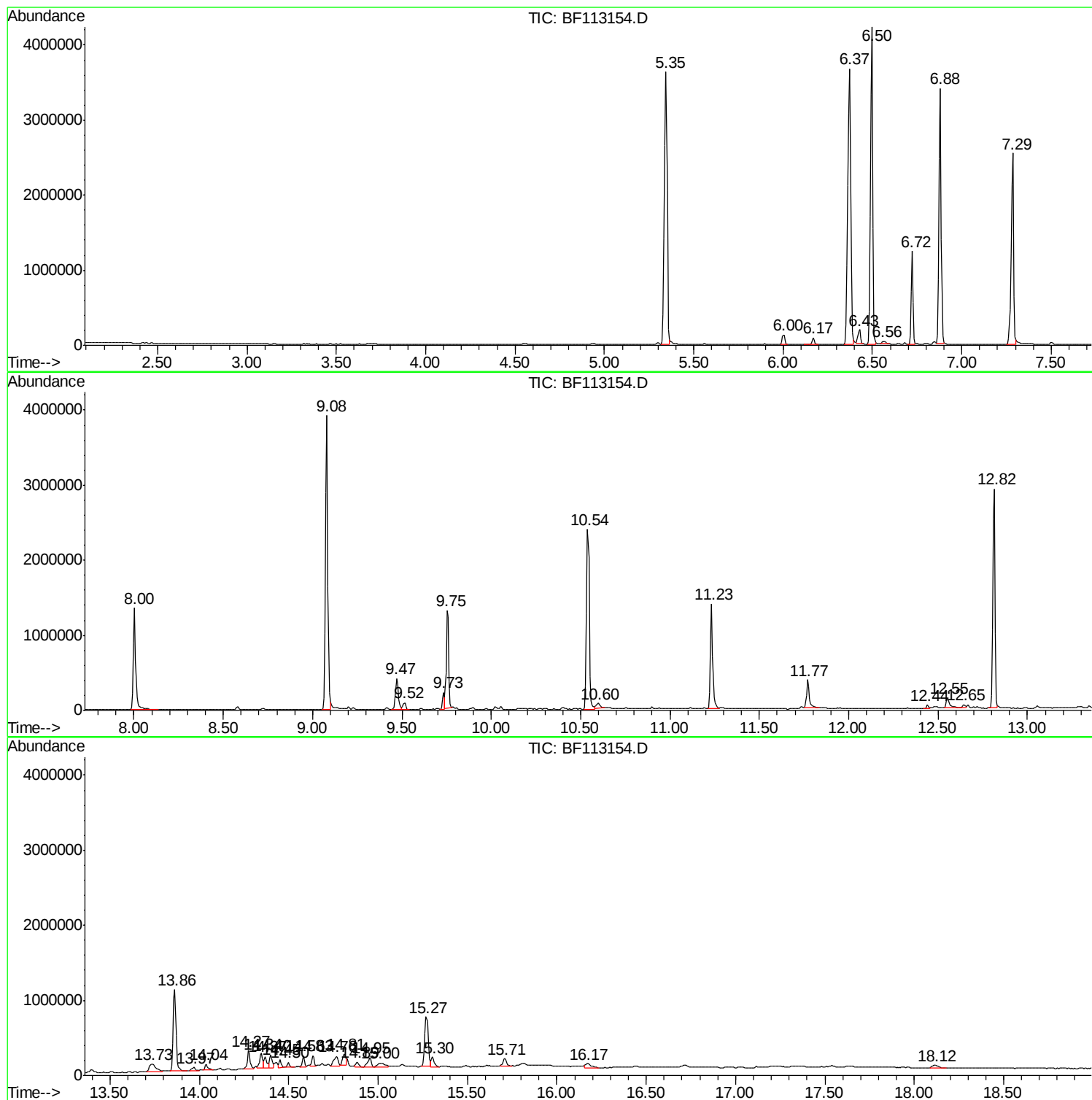
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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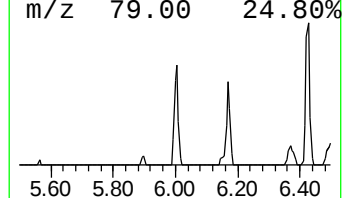
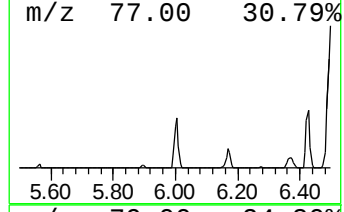
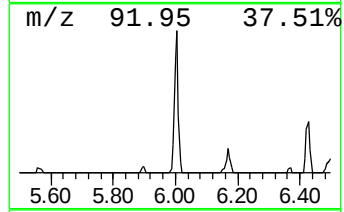
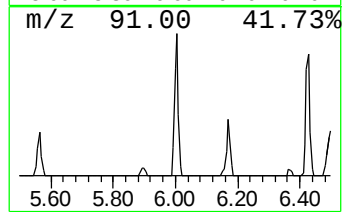
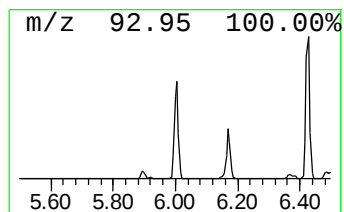
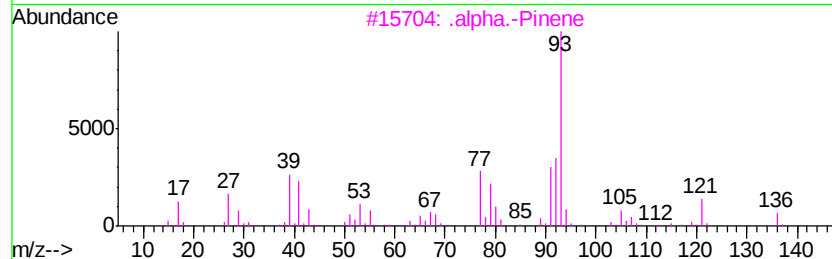
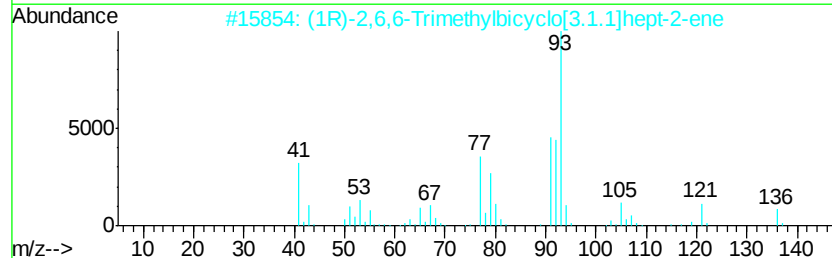
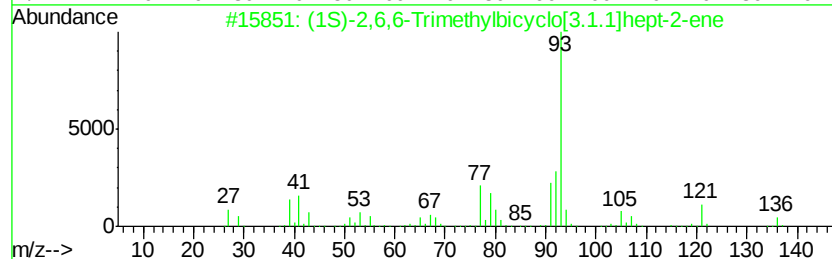
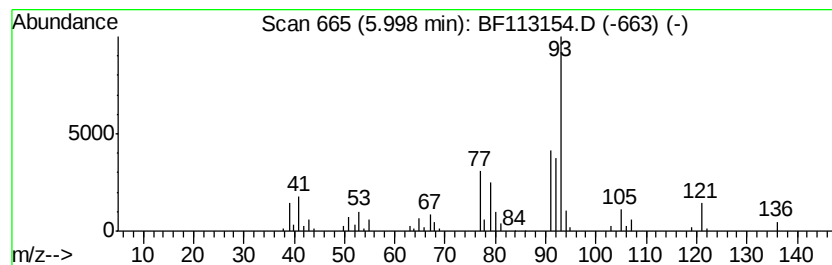
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	2.41 ng	115127	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	95
2		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90



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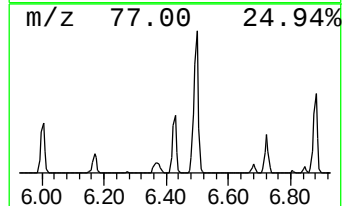
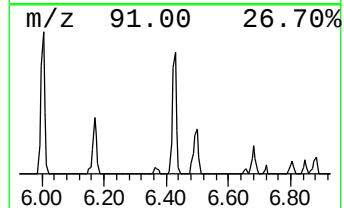
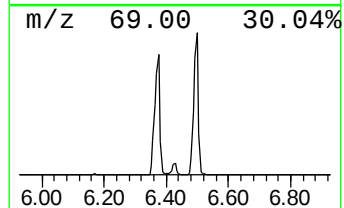
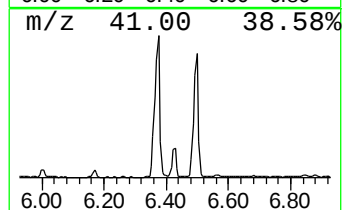
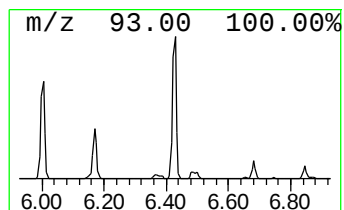
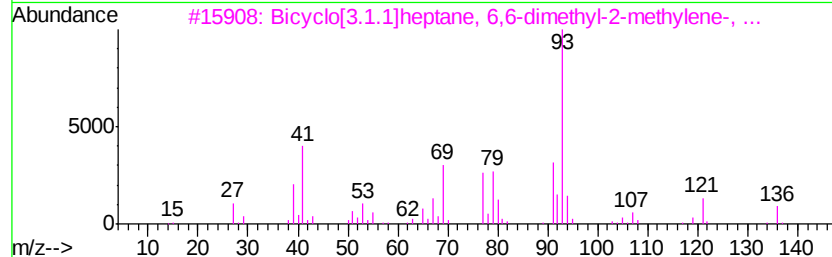
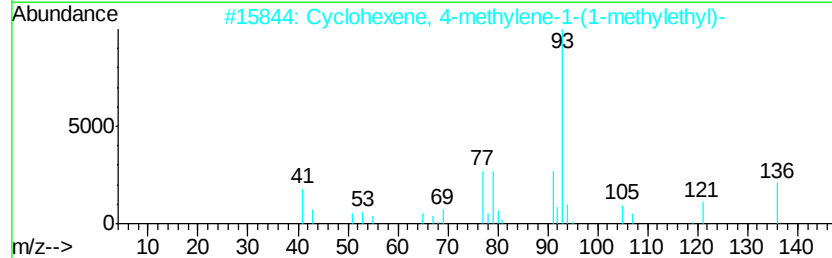
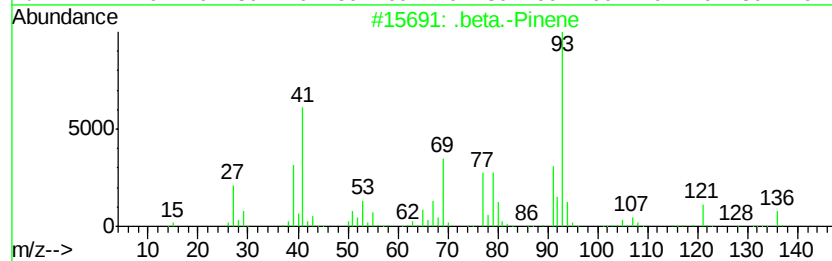
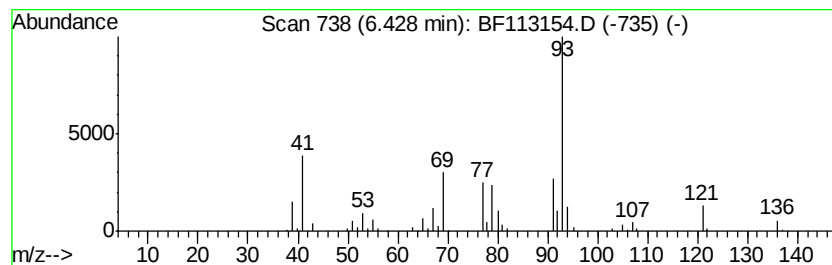
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .beta.-Pinene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	3.61 ng	172717	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Pinene	136	C10H16	000127-91-3	96
2			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
3			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5			.alpha.-Pinene	136	C10H16	000080-56-8	87



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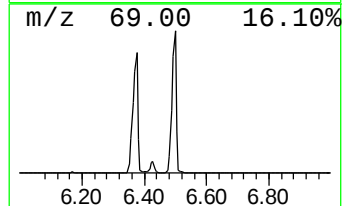
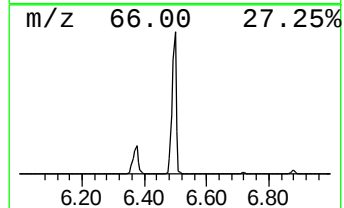
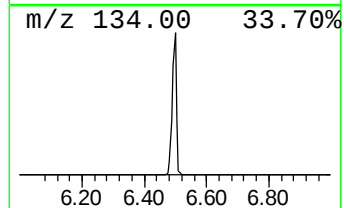
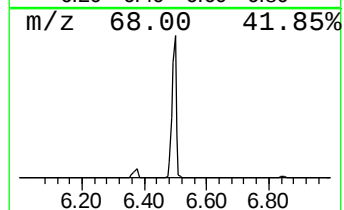
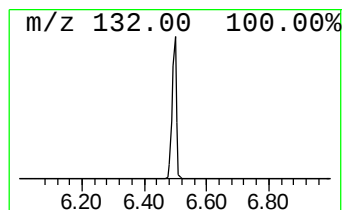
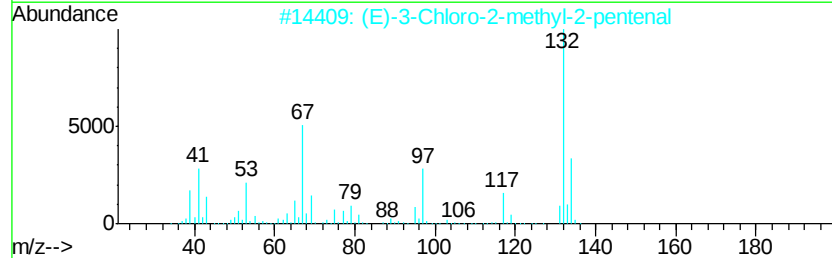
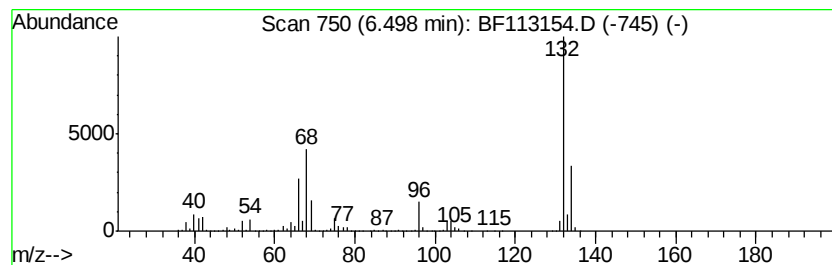
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	83.97 ng	4012430	1,4-Dichlorobenzene-d4	6.72

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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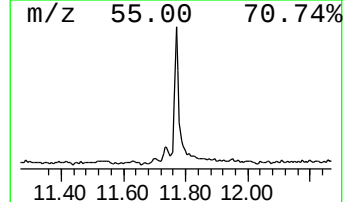
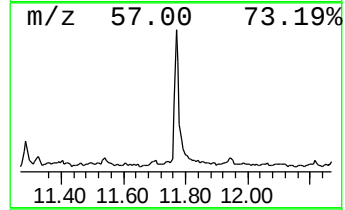
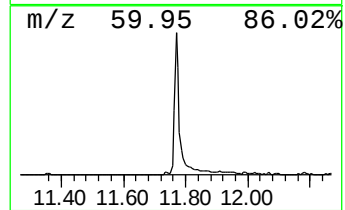
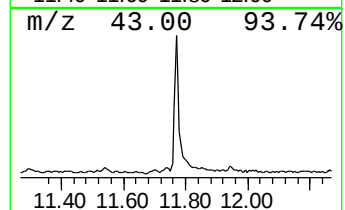
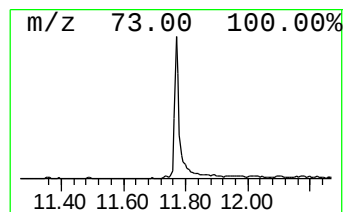
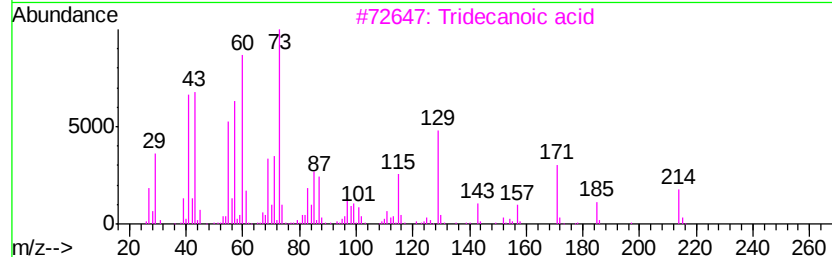
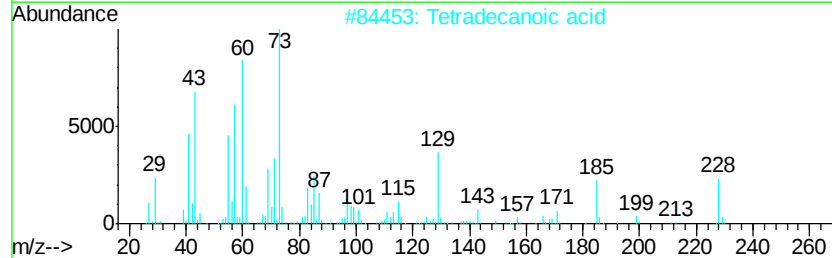
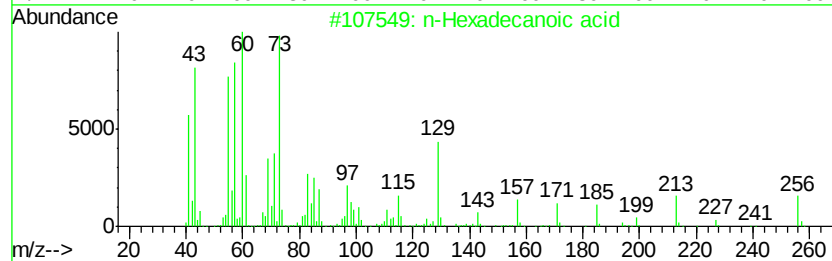
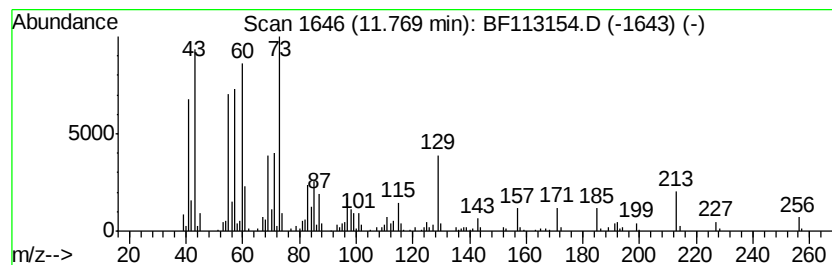
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	6.55 ng	408772	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Dodecanoic acid	200	C12H24O2	000143-07-7	83



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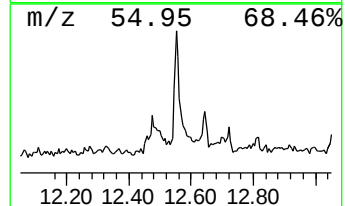
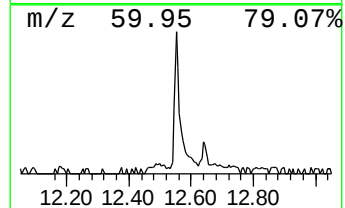
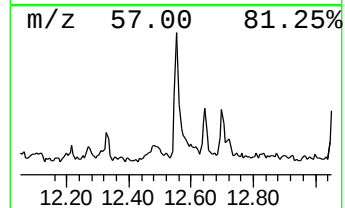
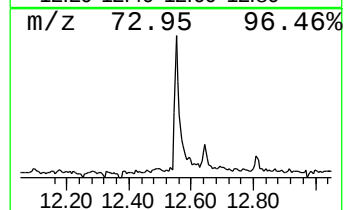
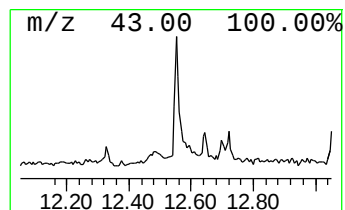
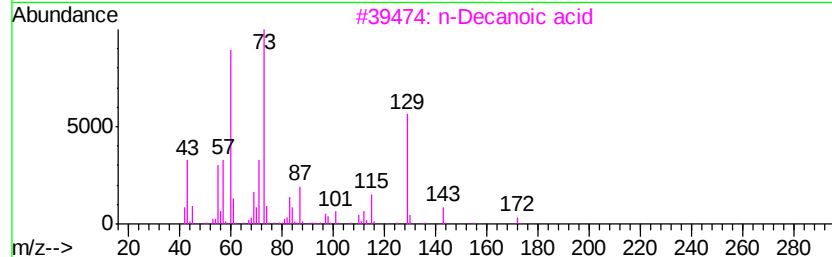
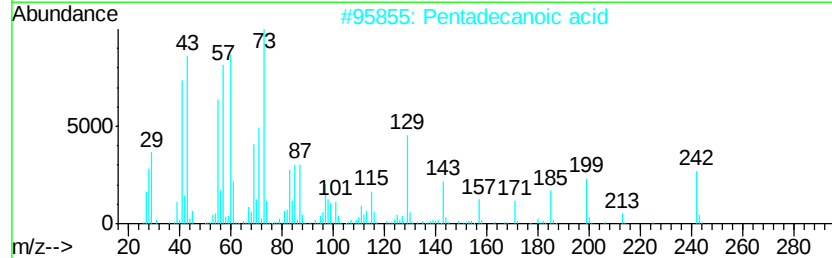
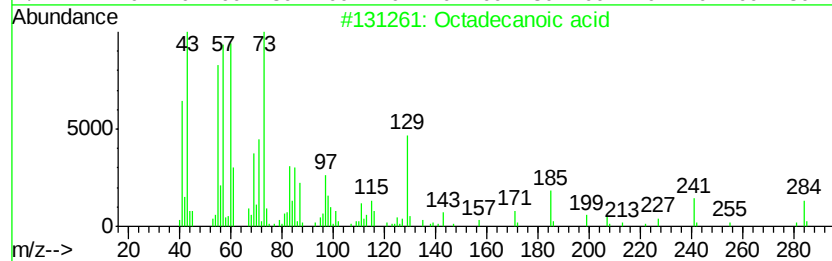
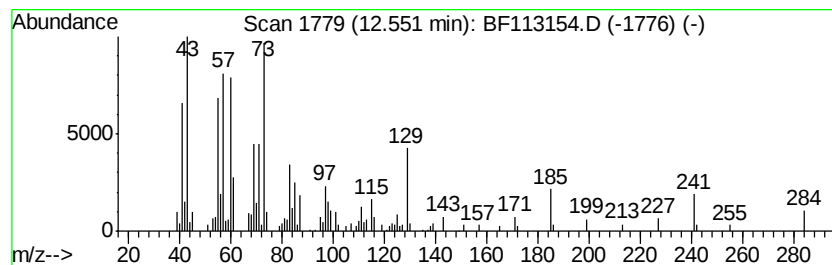
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ClientSampleId :
PST-028-SW065-031219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.55	2.85 ng	158689	Chrysene-d12		13.86	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		n-Decanoic acid	172	C10H20O2	000334-48-5	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113154.D
Acq On : 20 Mar 2019 5:28
Operator : JU/SJ
Sample : K1948-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-SW065-031219

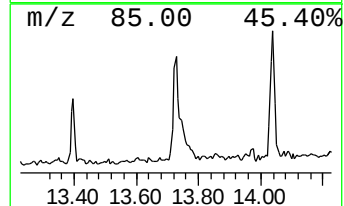
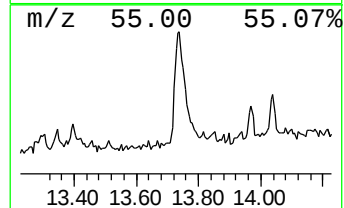
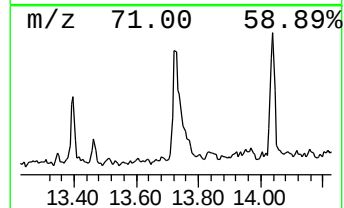
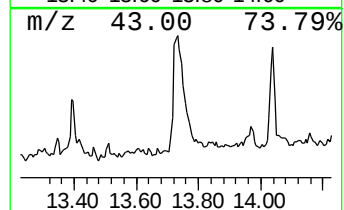
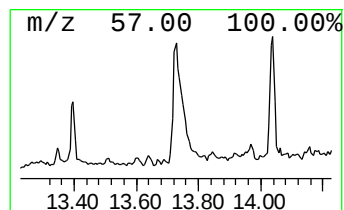
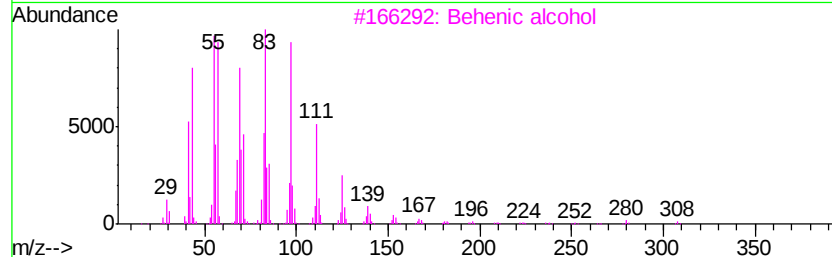
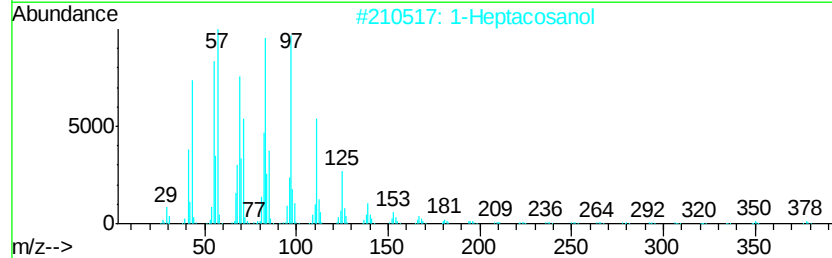
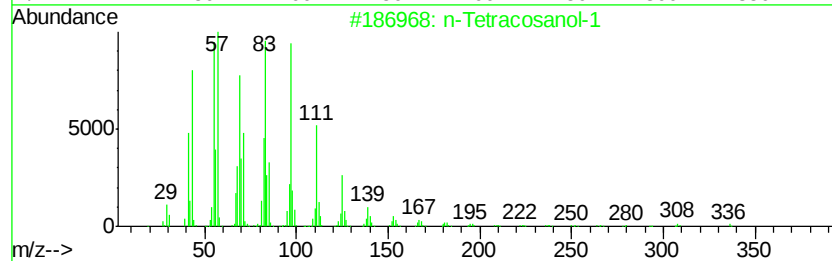
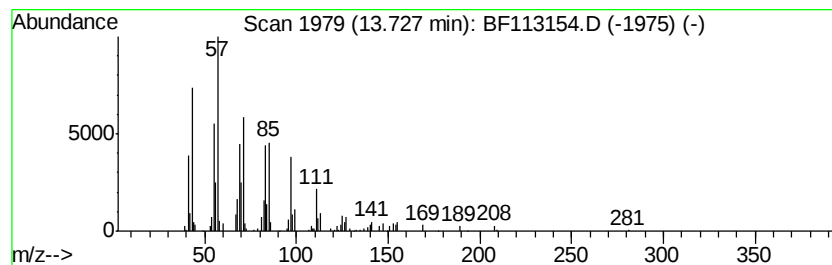
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.32 ng	240111	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91	
2	1-Heptacosanol	396	C27H56O	002004-39-9	91	
3	Behenic alcohol	326	C22H46O	000661-19-8	91	
4	17-Pentatriacontene	491	C35H70	006971-40-0	91	
5	1-Docosene	308	C22H44	001599-67-3	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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ClientSampleId :
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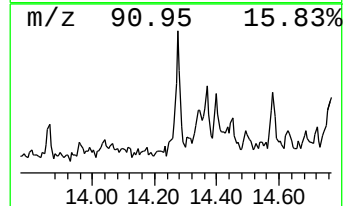
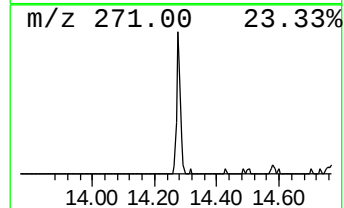
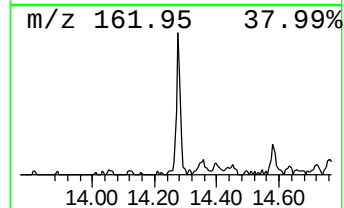
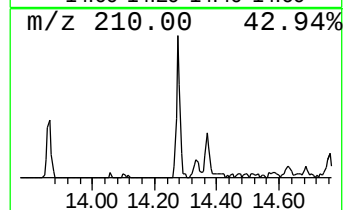
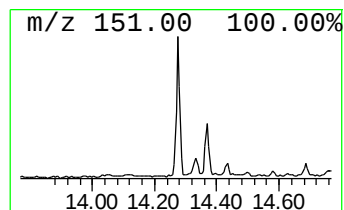
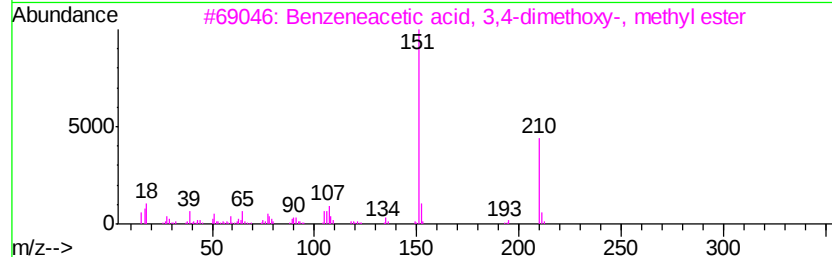
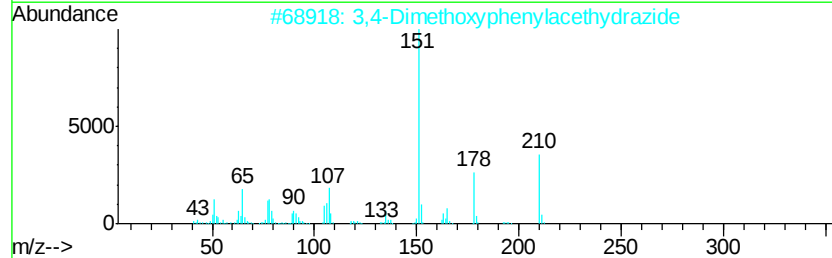
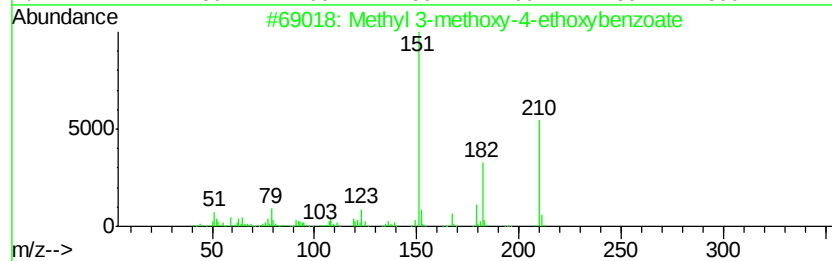
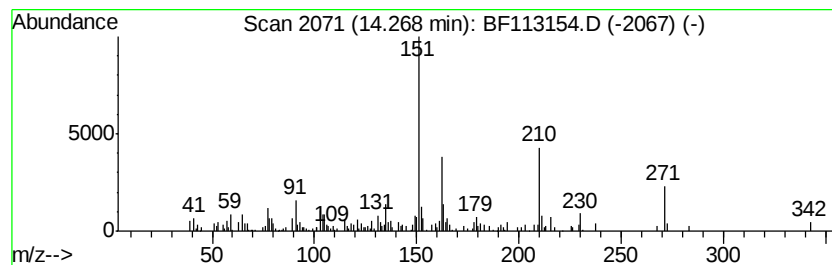
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.27 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	4.84 ng	268921	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 3-methoxy-4-ethoxybenzoate	210	C11H14O4	003535-24-8	46
2		3,4-Dimethoxyphenylacethydrazide	210	C10H14N2O3	060075-23-2	45
3		Benzeneacetic acid, 3,4-dimethoxy...	210	C11H14O4	015964-79-1	43
4		3-(3,4-Dimethoxyphenyl)-propioni...	210	C11H14O4	002107-70-2	43
5		1-(2,4-Dimethoxyphenyl)-propan-2...	194	C11H14O3	000831-29-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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ClientSampleId :
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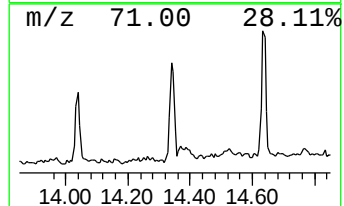
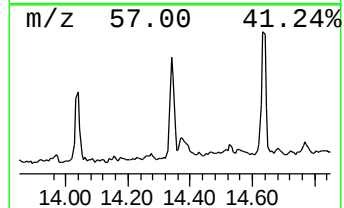
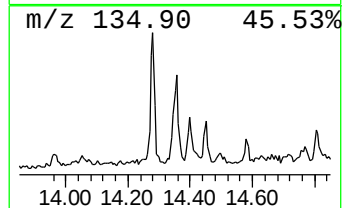
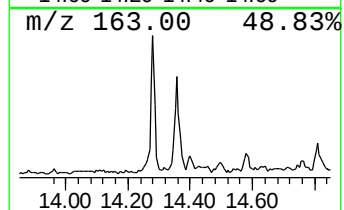
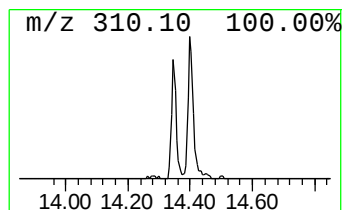
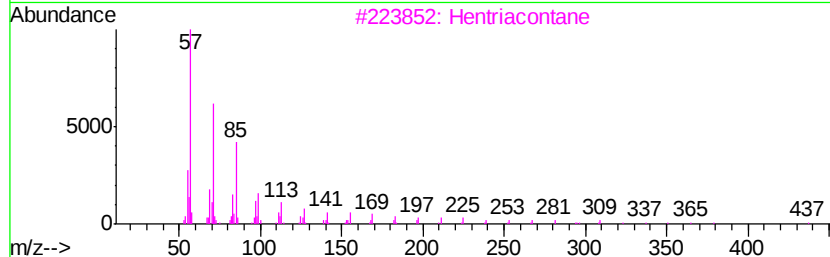
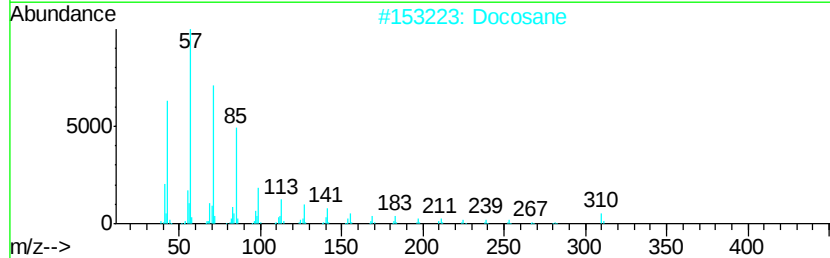
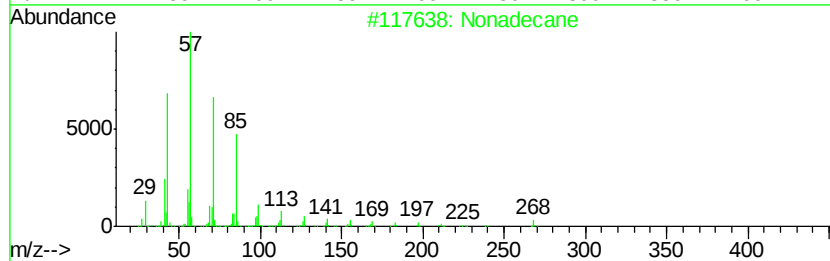
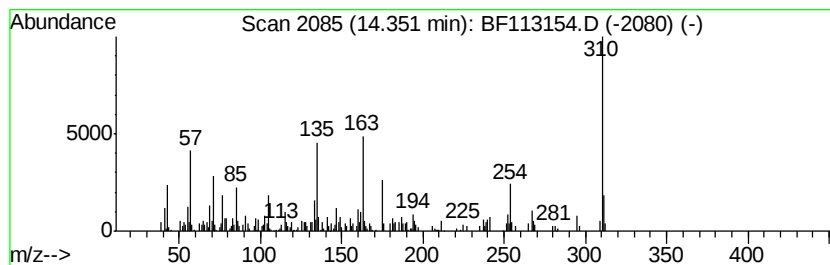
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.47 ng	248446	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	68
2	Docosane		310	C22H46	000629-97-0	62
3	Hentriacontane		437	C31H64	000630-04-6	44
4	Octadecane		254	C18H38	000593-45-3	42
5	Ferrocene, 1,2-diacetyl-1',4-(1,...		310	C17H18FeO2	041558-93-4	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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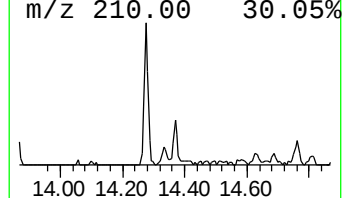
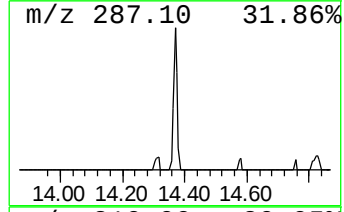
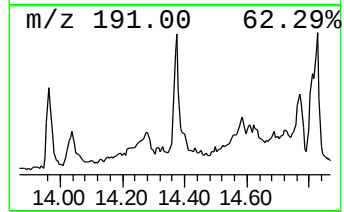
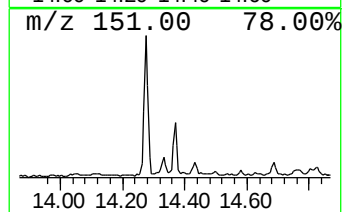
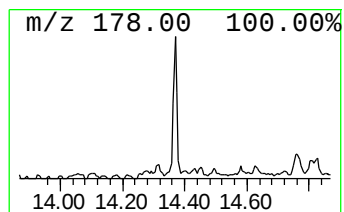
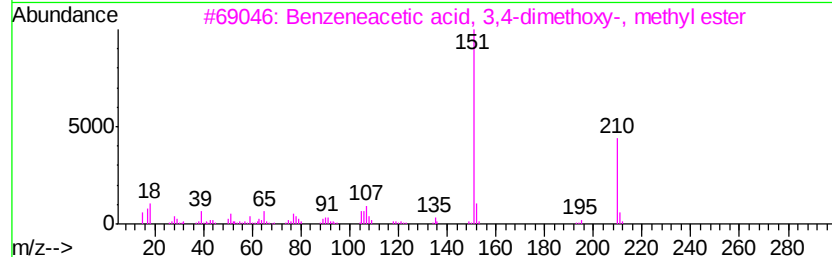
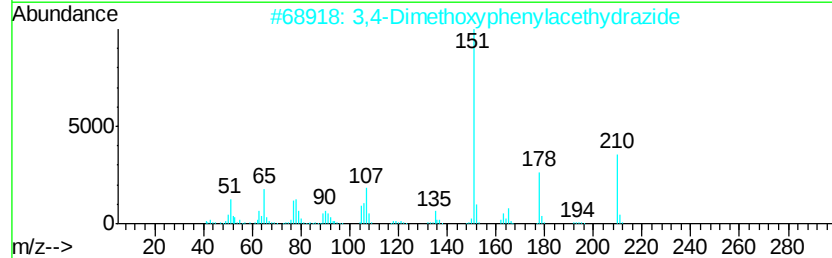
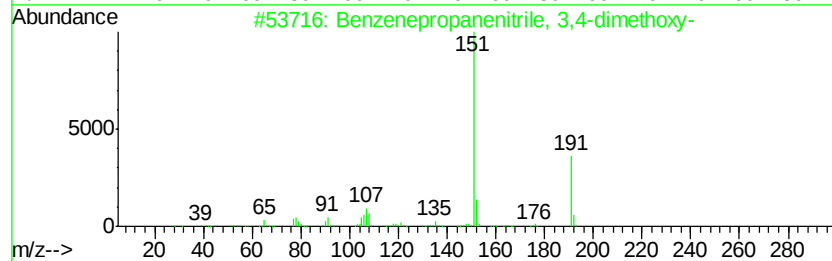
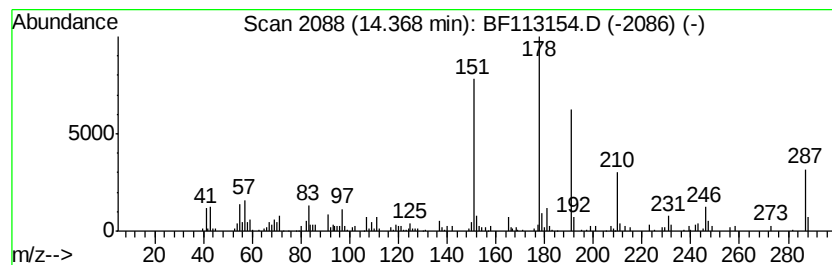
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.37 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.15 ng	175157	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanenitrile, 3,4-dimet...	191	C11H13N02	049621-56-9	35
2		3,4-Dimethoxyphenylacethydrazide	210	C10H14N2O3	060075-23-2	27
3		Benzeneacetic acid, 3,4-dimethox...	210	C11H14O4	015964-79-1	25
4		Methyl 3-methoxy-4-ethoxybenzoate	210	C11H14O4	003535-24-8	25
5		Benzoic acid, 4-(methylthio)-, i...	210	C11H14O2S	1000375-36-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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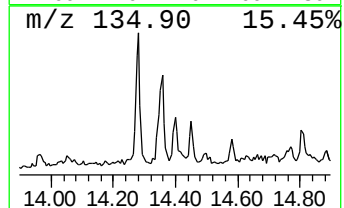
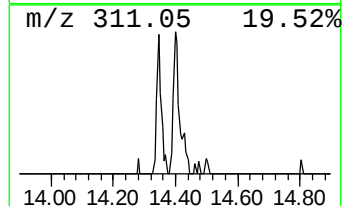
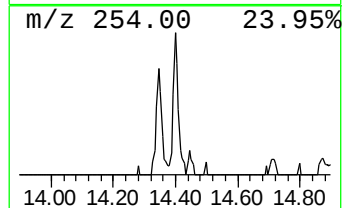
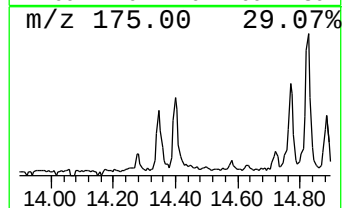
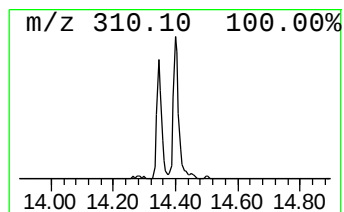
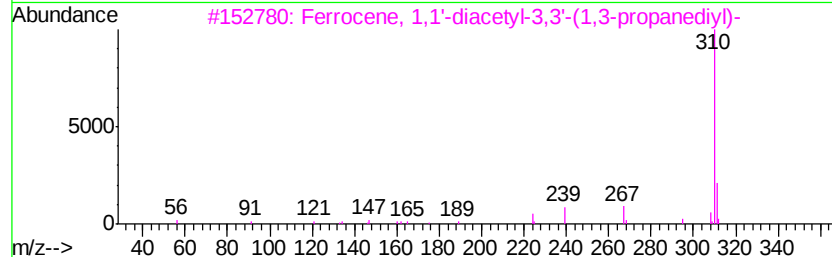
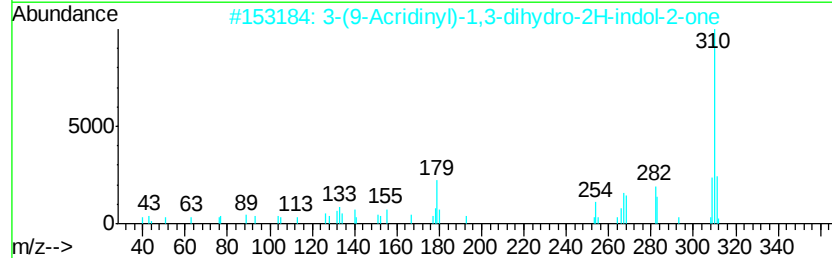
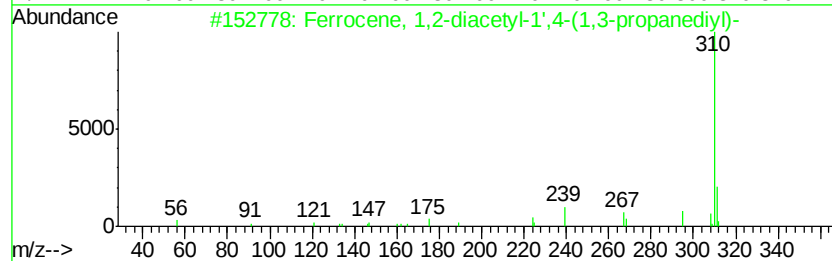
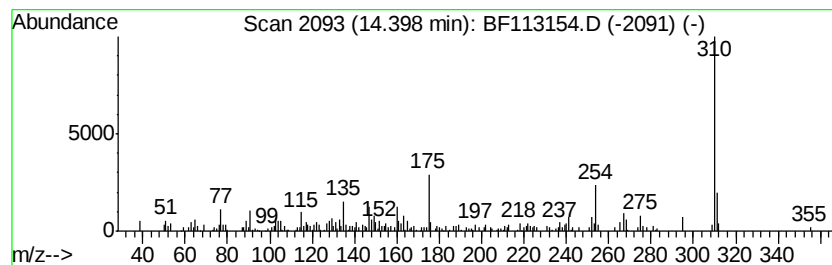
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Ferrocene, 1,2-diacetyl-1',... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.47 ng	192709	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ferrocene, 1,2-diacetyl-1',4-(1,...	310	C17H18FeO2	041558-93-4	76
2		3-(9-Acridinyl)-1,3-dihydro-2H-i...	310	C21H14N2O	072607-42-2	53
3		Ferrocene, 1,1'-diacetyl-3,3'-(1...	310	C17H18FeO2	041558-92-3	53
4		Ferrocene, 1,1'-diacetyl-2,3'-(1...	310	C17H18FeO2	038548-79-7	52
5		Pyrazolo[3,4-b]thiopyrano[4,3-d]...	310	C17H18N4S	303051-16-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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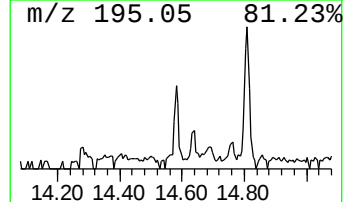
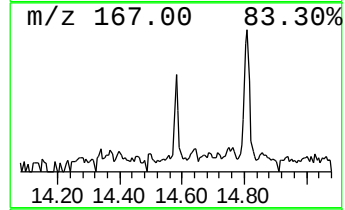
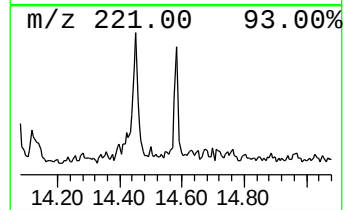
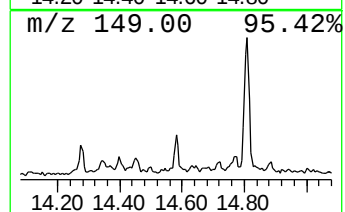
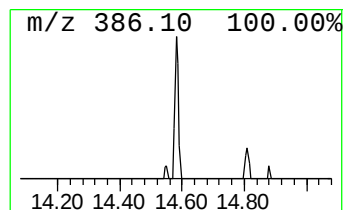
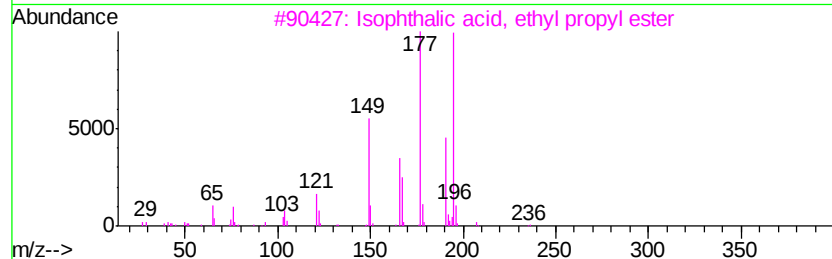
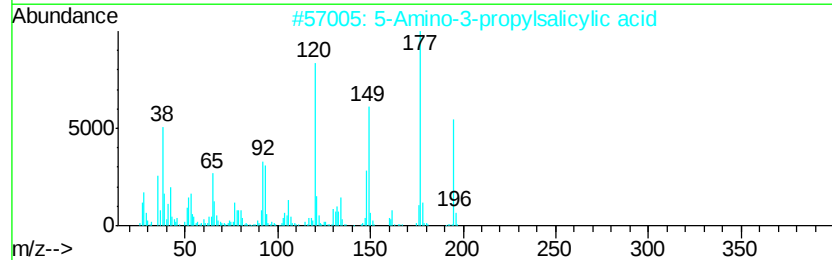
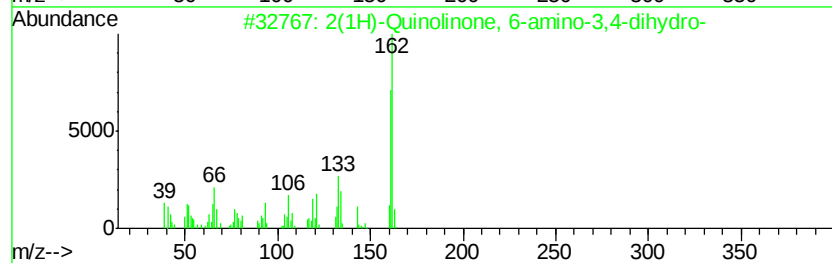
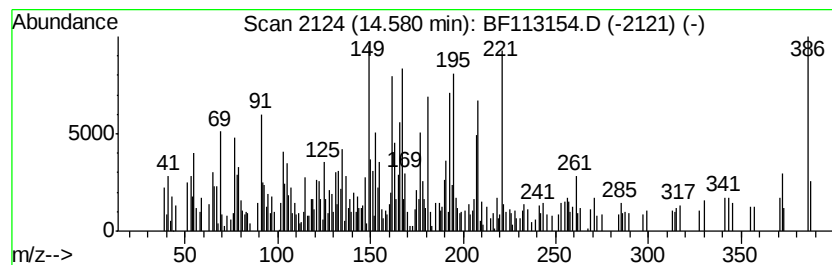
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.58 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.06 ng	130246	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Quinolinone, 6-amino-3,4-d...	162	C9H10N2O	022246-13-5	25
2		5-Amino-3-propylsalicylic acid	195	C10H13N03	1000217-23-2	25
3		Isophthalic acid, ethyl propyl e...	236	C13H16O4	1000344-01-9	16
4		Leucopterin	195	C6H5N5O3	000492-11-5	15
5		5H-Pyrrolo[1,2-a]imidazole-3-car...	195	C9H13N3O2	1000338-27-0	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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ClientSampleId :
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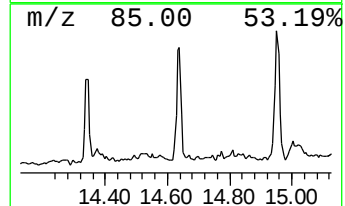
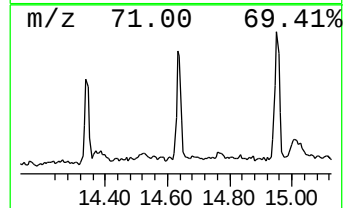
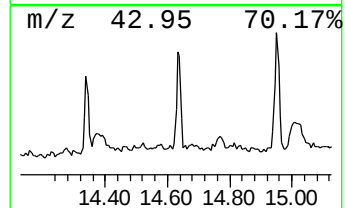
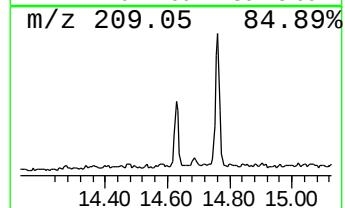
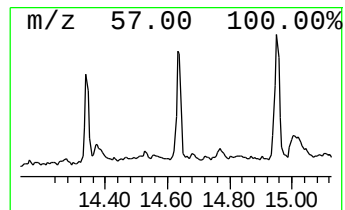
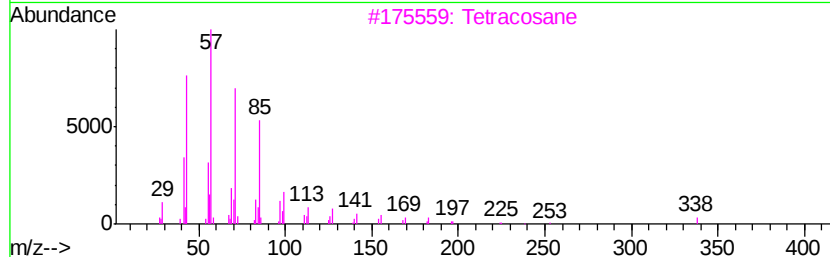
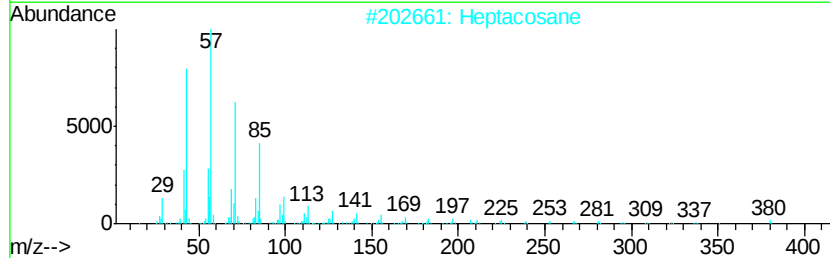
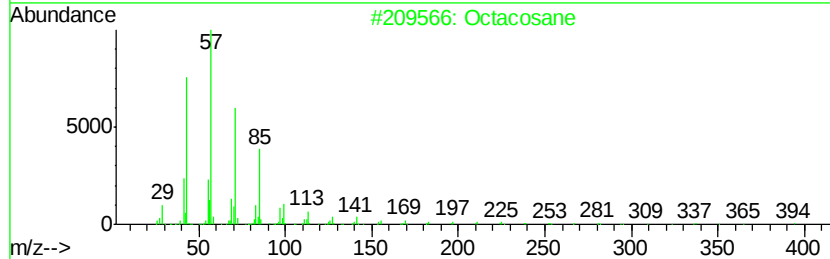
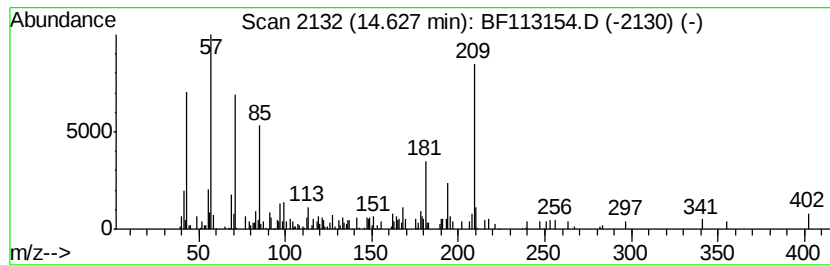
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.34 ng	142078	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	58
2		Heptacosane	380	C27H56	000593-49-7	58
3		Tetracosane	338	C24H50	000646-31-1	58
4		Heneicosane	296	C21H44	000629-94-7	58
5		triacontane	422	C30H62	000638-68-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113154.D
Acq On : 20 Mar 2019 5:28
Operator : JU/SJ
Sample : K1948-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-SW065-031219

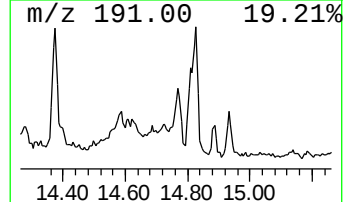
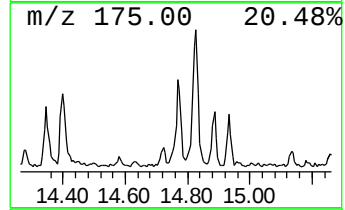
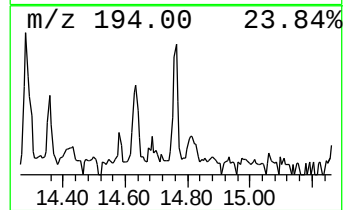
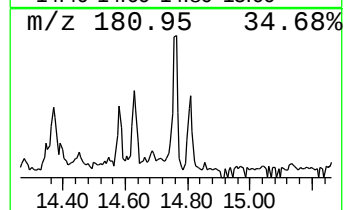
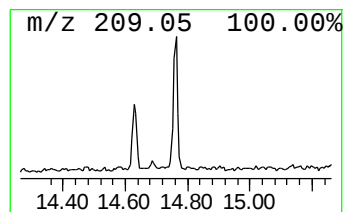
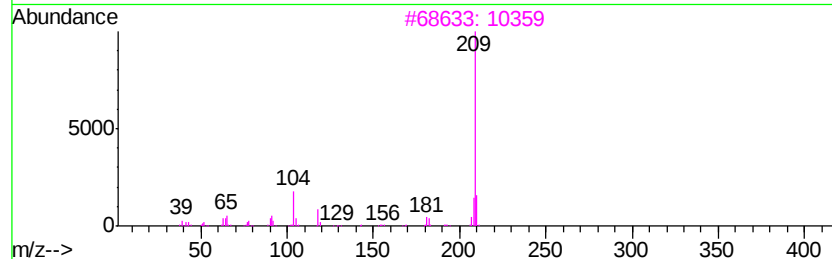
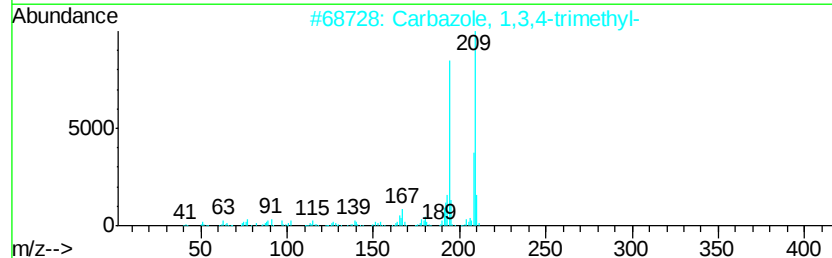
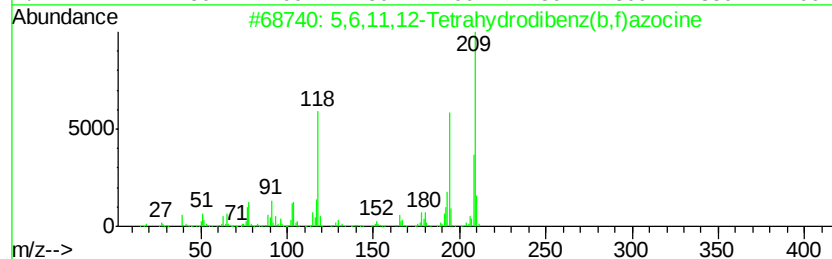
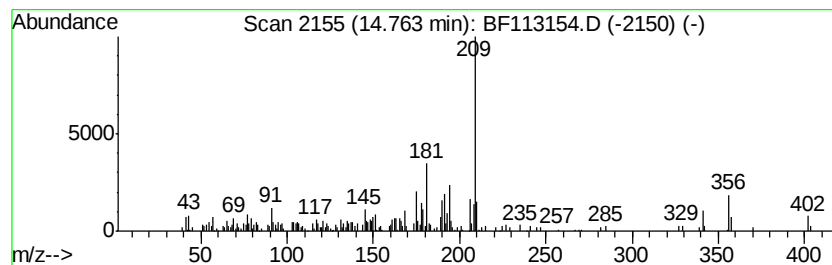
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.76 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.70 ng	199904	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,6,11,12-Tetrahydrodibenz(b,f)a...	209	C15H15N	005697-88-1	46
2		Carbazole, 1,3,4-trimethyl-	209	C15H15N	078787-82-3	46
3		10359	209	C13H11N3	002963-77-1	45
4		4H-Thieno[3,2-b]pyrrole-5-carbox...	209	C10H11NO2S	1000318-88-6	43
5		2-(2-Aminophenyl)benzimidazole	209	C13H11N3	005805-39-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113154.D
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Operator : JU/SJ
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Instrument :
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ClientSampleId :
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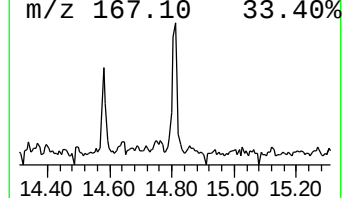
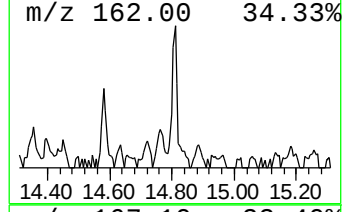
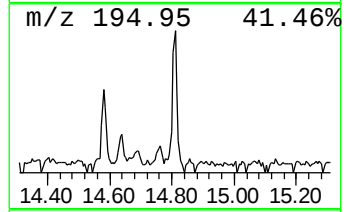
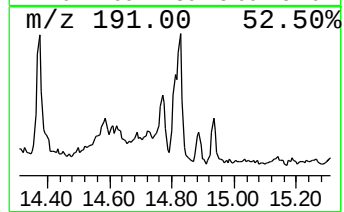
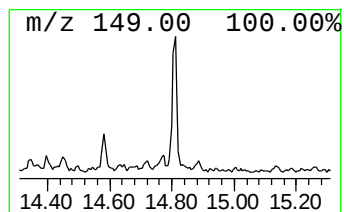
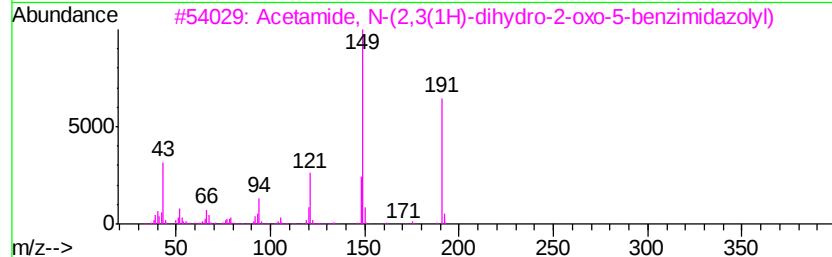
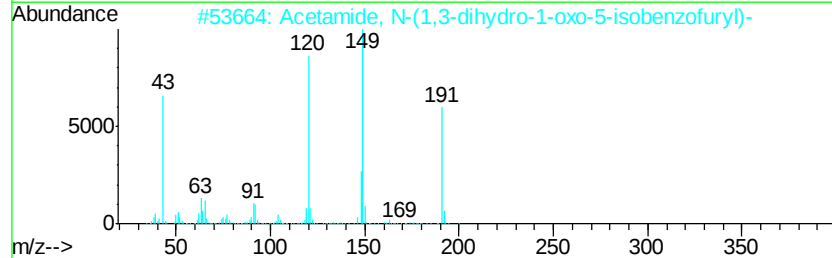
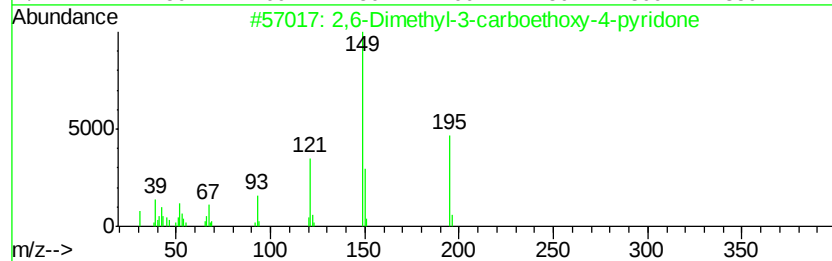
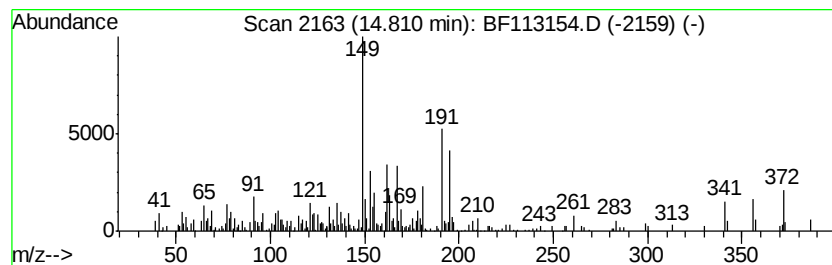
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.81 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.52 ng	192182	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Dimethyl-3-carboethoxy-4-pyr...	195	C10H13N03	022192-02-5	30
2		Acetamide, N-(1,3-dihydro-1-oxo-...	191	C10H9N03	207683-94-1	30
3		Acetamide, N-(2,3(1H)-dihydro-2-...	191	C9H9N3O2	091085-68-6	27
4		Phthalic acid, 1-cyclopentylethy...	304	C18H24O4	1000309-88-3	22
5		Phthalic acid, monocyclohexyl ester	248	C14H16O4	007517-36-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113154.D
 Acq On : 20 Mar 2019 5:28
 Operator : JU/SJ
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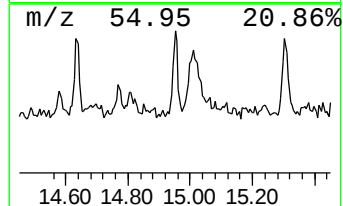
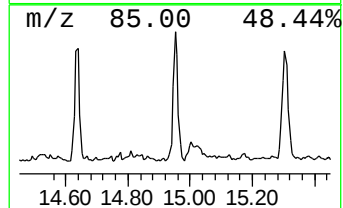
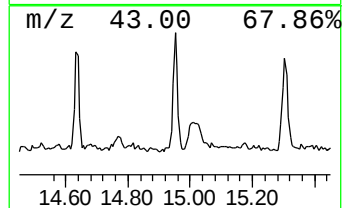
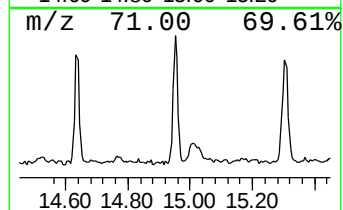
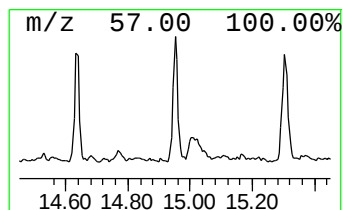
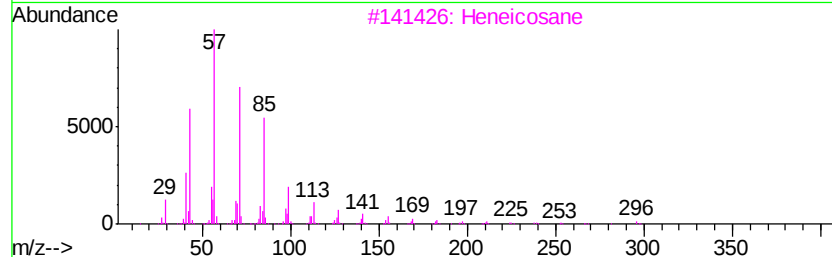
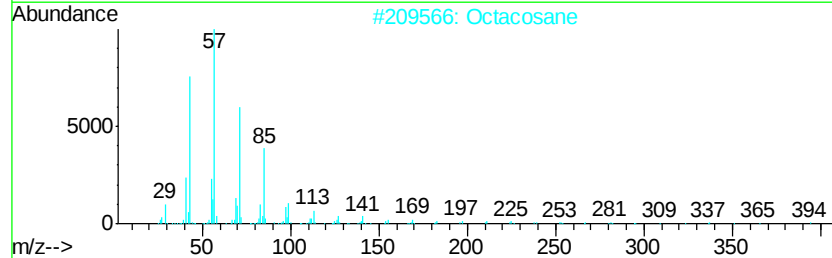
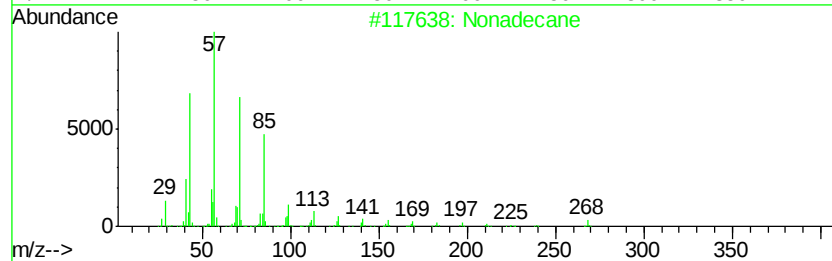
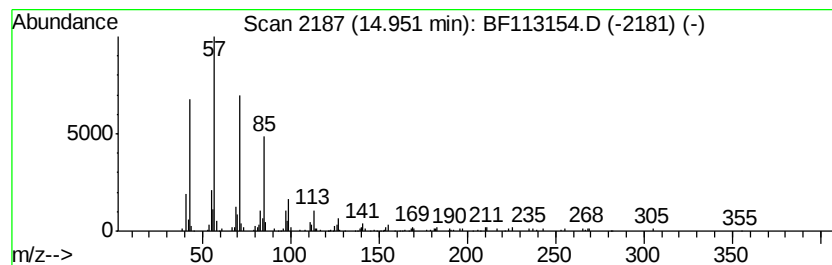
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.42 ng	188220	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Acq On : 20 Mar 2019 5:28
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Sample : K1948-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

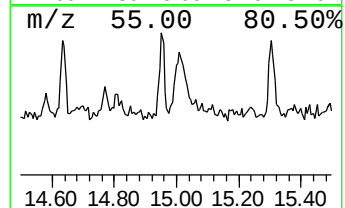
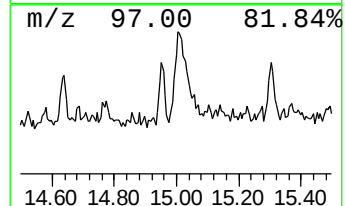
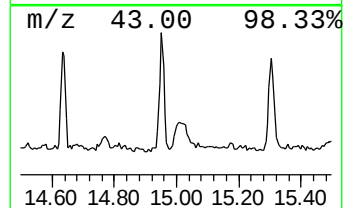
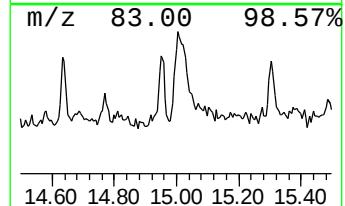
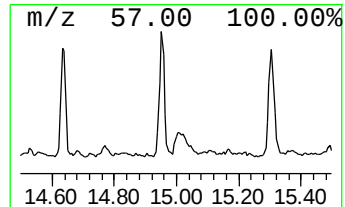
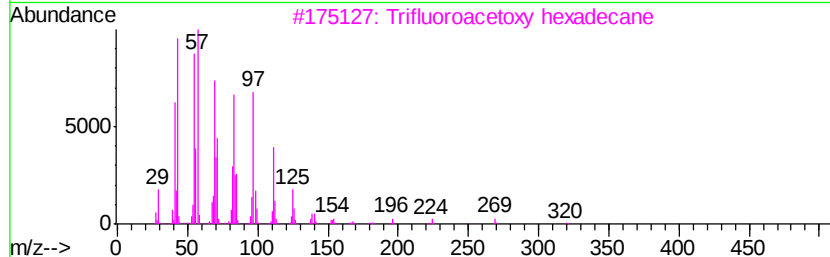
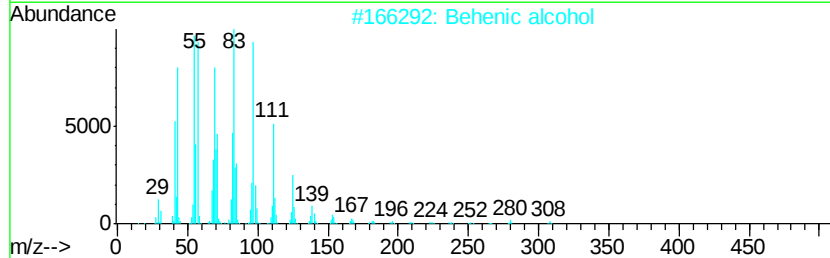
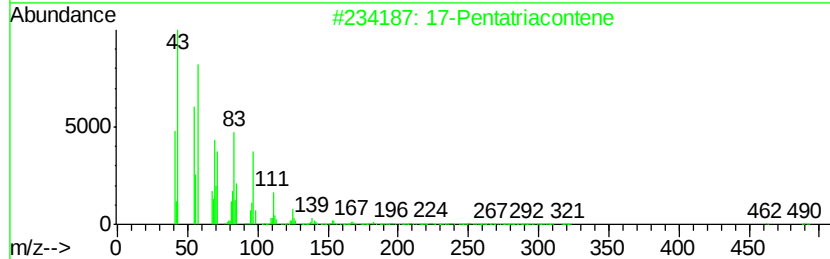
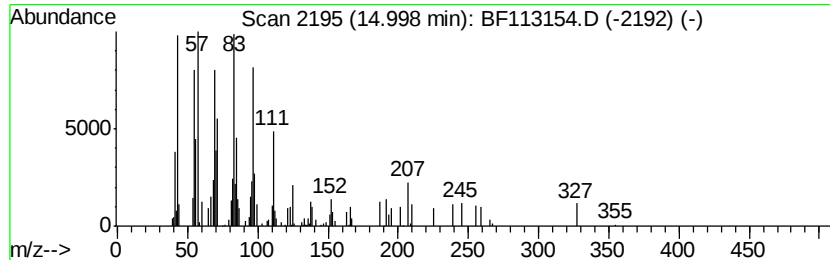
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 17-Pentatriacontene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.00	3.27 ng	139230	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Behenic alcohol	326	C22H46O	000661-19-8	83
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	72
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	68
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113154.D
Acq On : 20 Mar 2019 5:28
Operator : JU/SJ
Sample : K1948-05
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ClientSampleId :
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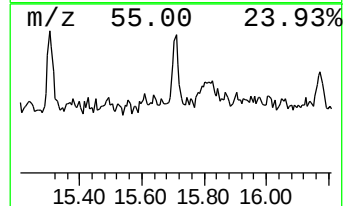
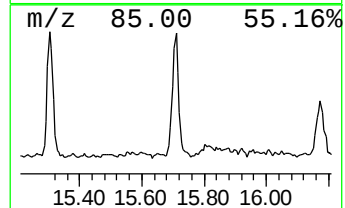
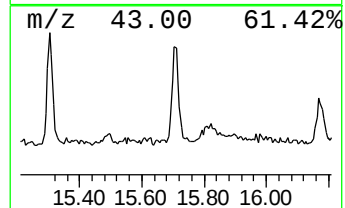
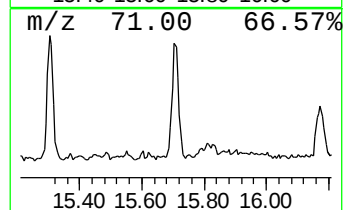
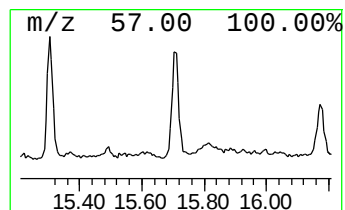
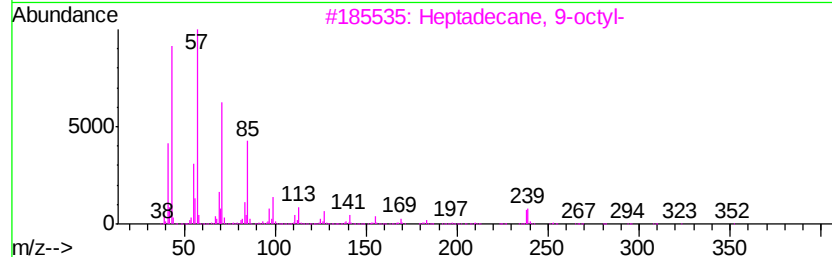
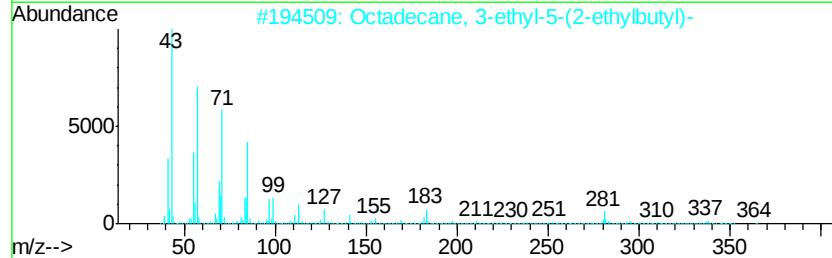
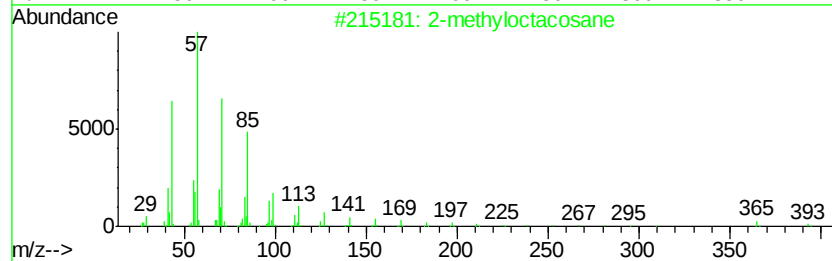
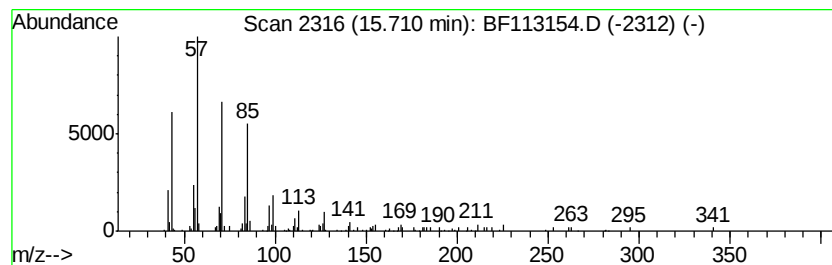
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	3.17 ng	135091	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113154.D
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Misc :
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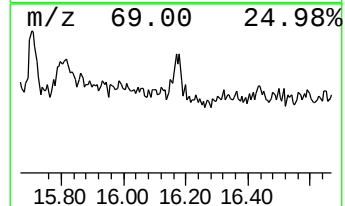
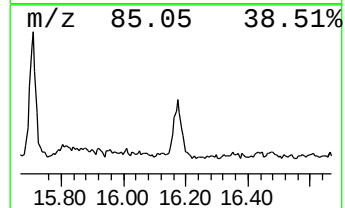
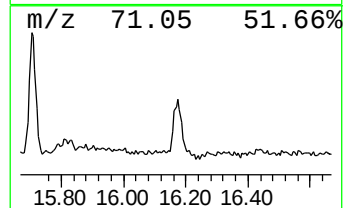
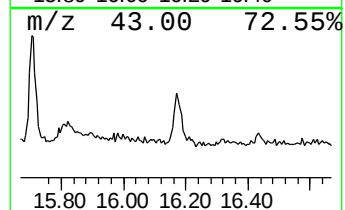
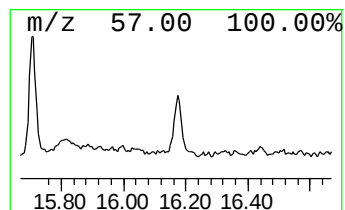
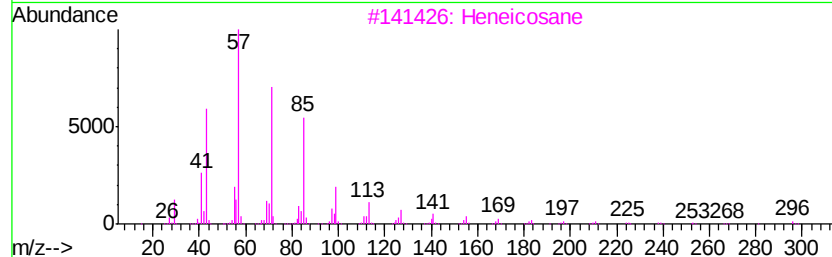
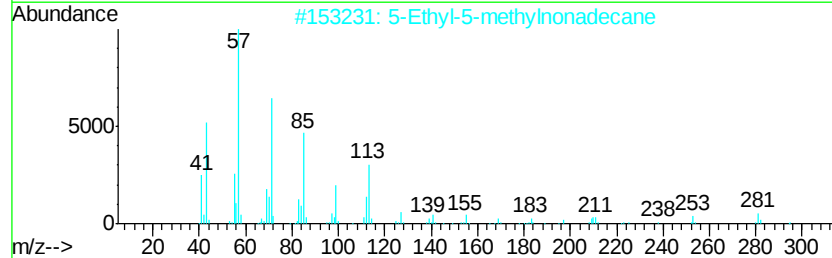
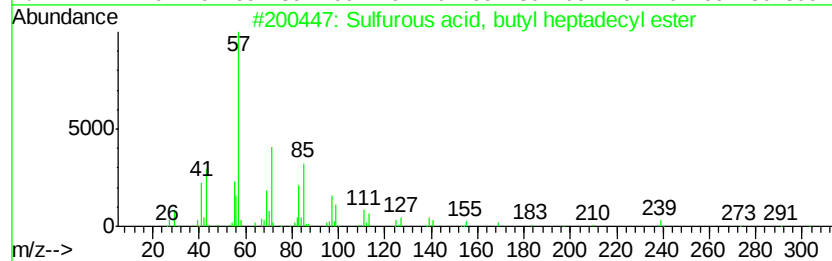
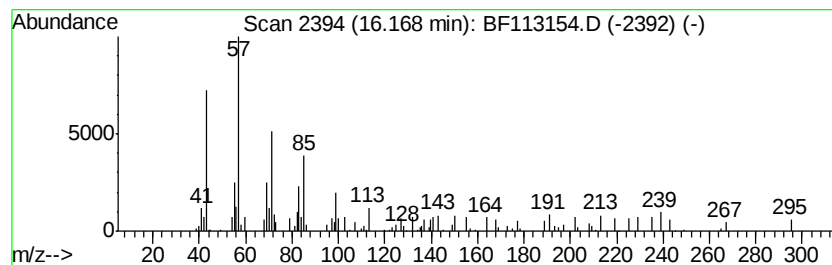
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Sulfurous acid, butyl hepta... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.16 ng	134518	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64
2			5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	64
3			Heneicosane	296	C21H44	000629-94-7	64
4			Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	64
5			Hexacosane	366	C26H54	000630-01-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113154.D
Acq On : 20 Mar 2019 5:28
Operator : JU/SJ
Sample : K1948-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-SW065-031219

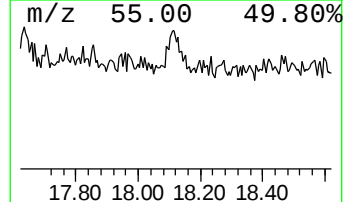
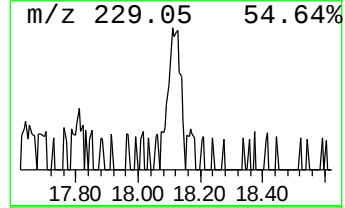
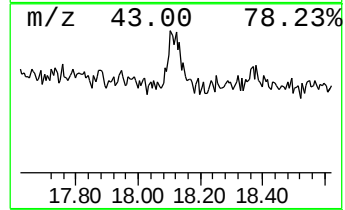
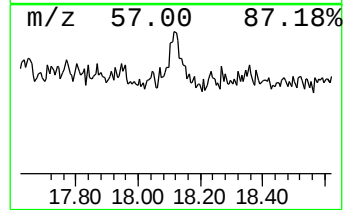
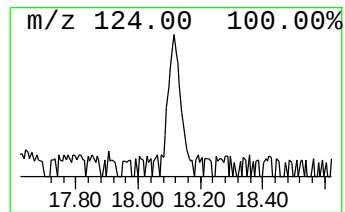
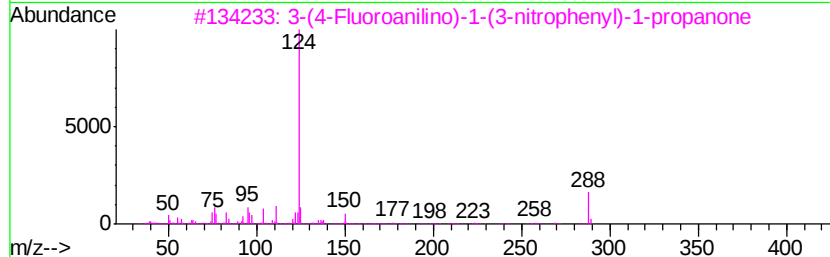
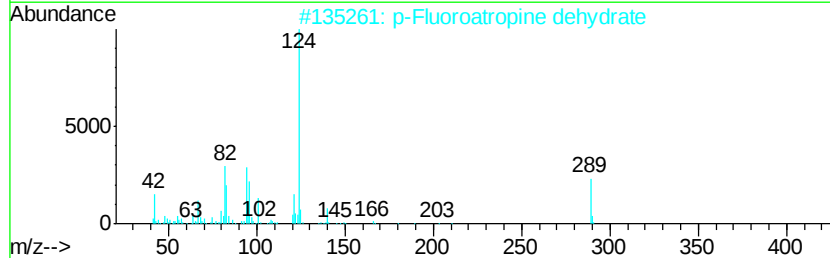
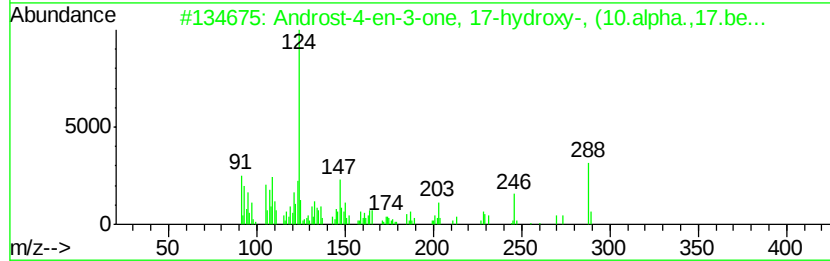
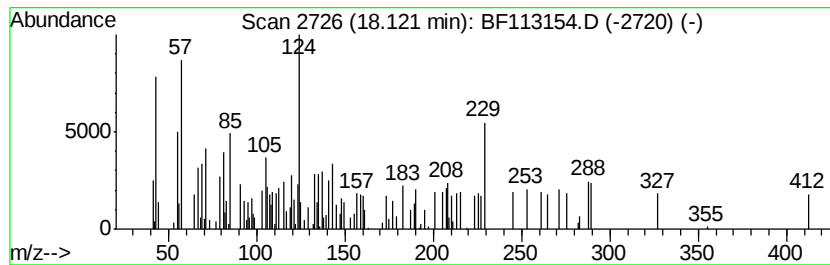
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.26 ng	95975	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	46
2		p-Fluoroatropine dehydrate	289	C17H20FN02	1000212-74-8	27
3		3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	25
4		1,5-Dimethyl-3,7-bis-(3-methylbu...	336	C19H32N2O3	1000322-54-6	22
5		Testosterone	288	C19H28O2	000058-22-0	22



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Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW065-031219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
(1S)-2,6,6-Trimet...	6.00	2.4	ng	115127	1	6.72	955724	20.0
.beta.-Pinene	6.43	3.6	ng	172717	1	6.72	955724	20.0
unknown6.50	6.50	84.0	ng	4012430	1	6.72	955724	20.0
n-Hexadecanoic acid	11.77	6.5	ng	408772	4	11.23	1247500	20.0
Octadecanoic acid	12.55	2.9	ng	158689	5	13.86	1111670	20.0
n-Tetracosanol-1	13.73	4.3	ng	240111	5	13.86	1111670	20.0
unknown14.27	14.27	4.8	ng	268921	5	13.86	1111670	20.0
Nonadecane	14.35	4.5	ng	248446	5	13.86	1111670	20.0
unknown14.37	14.37	3.1	ng	175157	5	13.86	1111670	20.0
Ferrocene, 1,2-di...	14.40	3.5	ng	192709	5	13.86	1111670	20.0
unknown14.58	14.58	3.1	ng	130246	6	15.27	851110	20.0
Octacosane	14.63	3.3	ng	142078	6	15.27	851110	20.0
unknown14.76	14.76	4.7	ng	199904	6	15.27	851110	20.0
unknown14.81	14.81	4.5	ng	192182	6	15.27	851110	20.0
Tetracosane	14.95	4.4	ng	188220	6	15.27	851110	20.0
17-Pentatriacontene	15.00	3.3	ng	139230	6	15.27	851110	20.0
2-methyloctacosane	15.71	3.2	ng	135091	6	15.27	851110	20.0
Sulfurous acid, b...	16.17	3.2	ng	134518	6	15.27	851110	20.0
unknown18.12	18.12	2.3	ng	95975	6	15.27	851110	20.0