

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115434.D
 Acq On : 9 Jul 2019 15:25
 Operator : HP/JU
 Sample : K3705-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-NE-BOILER-PIT

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-BF070519.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	2.199	12	19	24	rVB	4196999	6047303	46.90%	7.247%
2	5.510	576	582	590	rBV	1624613	1824157	14.15%	2.186%
3	6.204	696	700	711	rVB	611064	578129	4.48%	0.693%
4	6.510	742	752	763	rBV	1443882	1552174	12.04%	1.860%
5	6.663	773	778	781	rBV	3665886	3513070	27.24%	4.210%
6	6.892	814	817	821	rBV	1145925	952071	7.38%	1.141%
7	7.051	840	844	848	rVB	3460256	3363724	26.09%	4.031%
8	7.251	869	878	882	rVB	90597	130360	1.01%	0.156%
9	7.451	905	912	915	rBV	2632365	2828297	21.93%	3.389%
10	7.575	921	933	936	rBV	235248	413316	3.21%	0.495%
11	7.928	982	993	996	rBV2	239388	389136	3.02%	0.466%
12	8.175	1031	1035	1038	rBV	1500037	1228751	9.53%	1.473%
13	8.533	1089	1096	1099	rBV	403490	483531	3.75%	0.579%
14	9.086	1186	1190	1197	rBV	134315	132864	1.03%	0.159%
15	9.251	1213	1218	1221	rBV	5008531	5117443	39.69%	6.133%
16	9.639	1277	1284	1288	rVB2	159458	190429	1.48%	0.228%
17	9.792	1306	1310	1313	rVB	198842	163127	1.27%	0.195%
18	9.928	1327	1333	1337	rBV	1579045	1503162	11.66%	1.801%
19	10.139	1363	1369	1375	rBV	480971	541821	4.20%	0.649%
20	10.245	1381	1387	1390	rBV3	428578	440840	3.42%	0.528%
21	10.716	1462	1467	1471	rBV	3233471	3322287	25.77%	3.981%
22	11.080	1526	1529	1534	rVB2	117057	129318	1.00%	0.155%
23	11.416	1582	1586	1589	rBV	1663773	1534391	11.90%	1.839%
24	11.969	1668	1680	1683	rBV	4574623	8739262	67.78%	10.473%
25	12.651	1791	1796	1797	rBV2	477751	615660	4.77%	0.738%
26	12.669	1797	1799	1803	rVV	560147	754473	5.85%	0.904%
27	12.774	1806	1817	1830	rVB	5635390	12894391	100.00%	15.453%
28	13.033	1855	1861	1864	rBV	4822245	5693933	44.16%	6.824%
29	14.027	2027	2030	2038	rVB3	242929	367622	2.85%	0.441%
30	14.180	2051	2056	2060	rVB	1385706	1415891	10.98%	1.697%
31	14.398	2088	2093	2103	rVB	639621	737811	5.72%	0.884%
32	14.768	2151	2156	2161	rBV	1281252	1458760	11.31%	1.748%
33	15.145	2214	2220	2230	rVB	2044071	2533096	19.64%	3.036%
34	15.521	2277	2284	2290	rBV	2494438	3046368	23.63%	3.651%

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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	15.833	2331	2337	2347	rBV	958867	1577875	12.24%	1.891%
36	15.927	2347	2353	2372	rVB	2098005	3209968	24.89%	3.847%
37	16.386	2424	2431	2444	rVB	1453062	2297044	17.81%	2.753%
38	16.915	2514	2521	2529	rVB	646634	1153096	8.94%	1.382%
39	17.533	2620	2626	2635	rVB	191533	401763	3.12%	0.481%
40	18.262	2744	2750	2759	rVB2	69630	167396	1.30%	0.201%

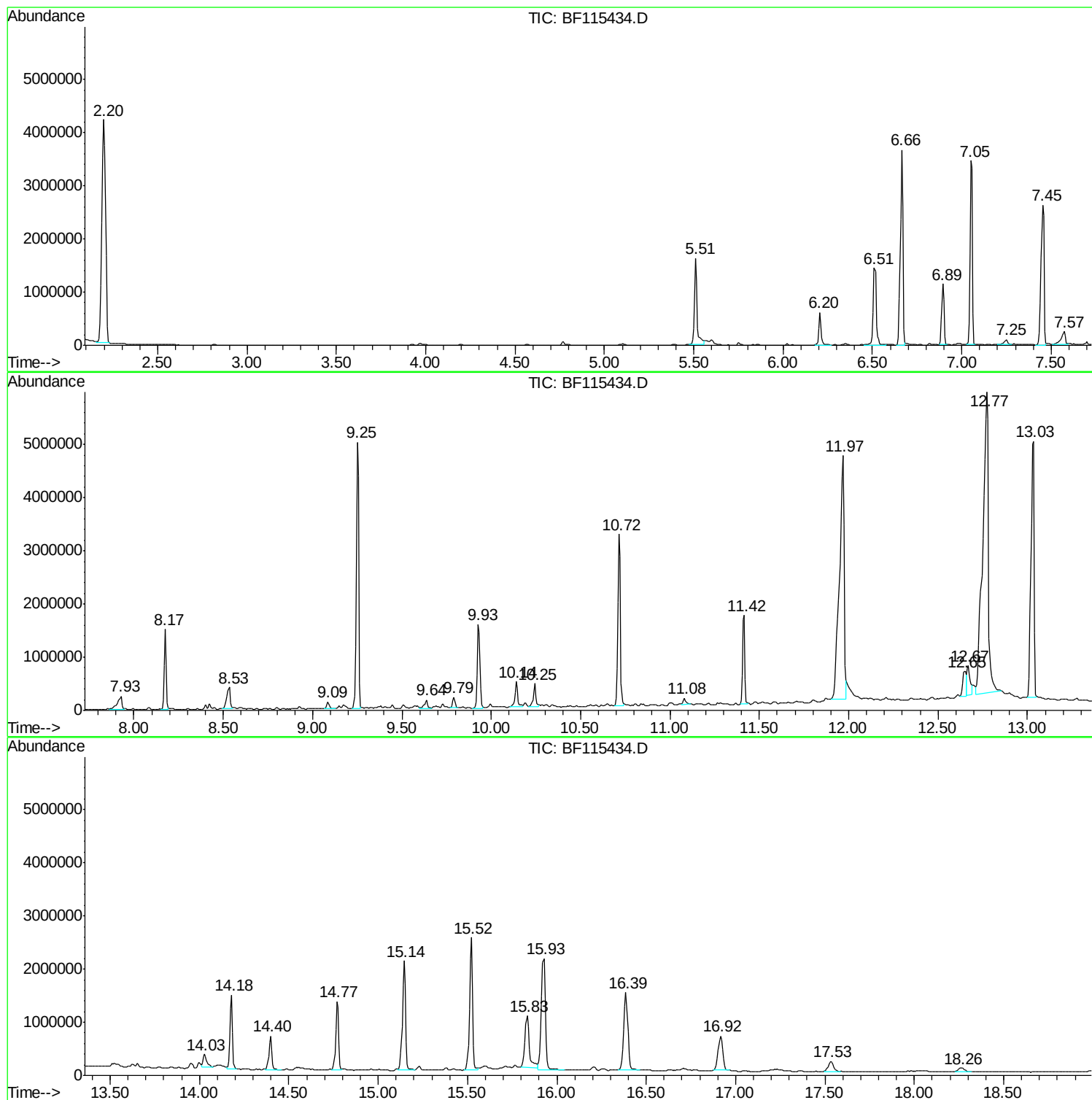
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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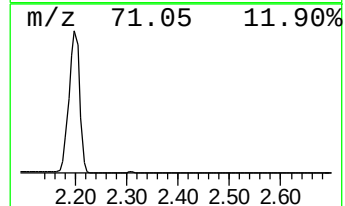
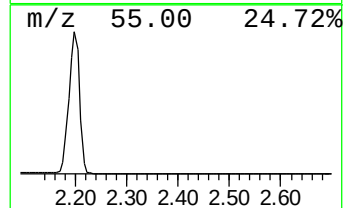
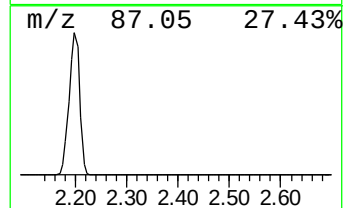
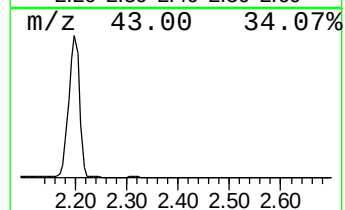
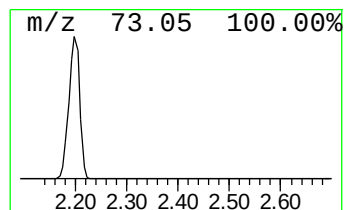
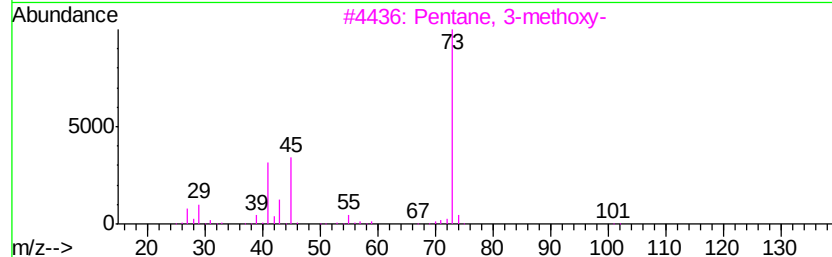
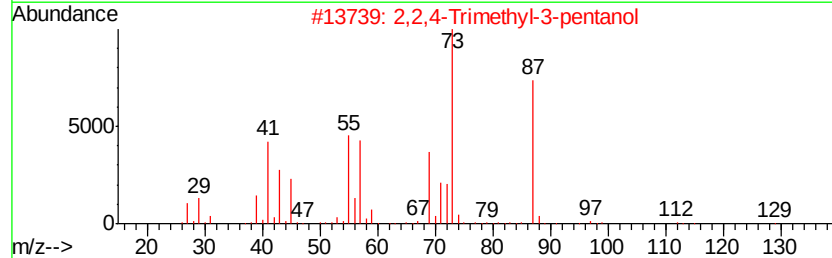
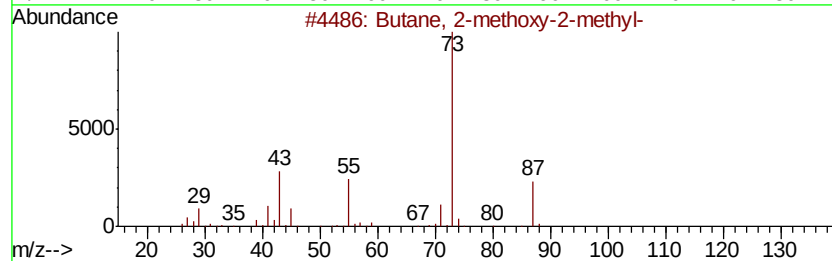
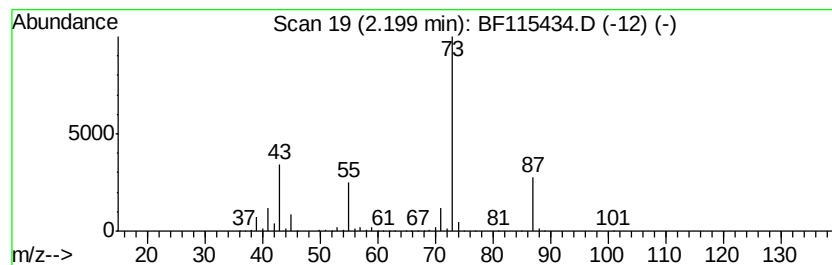
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	127.04 ng	6047300	1,4-Dichlorobenzene-d4	6.89

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	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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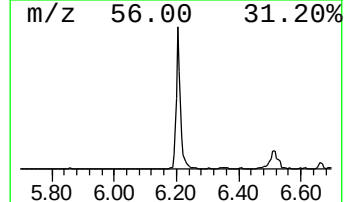
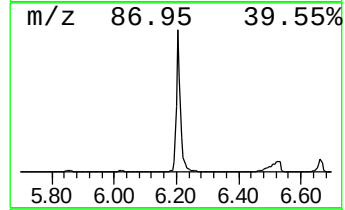
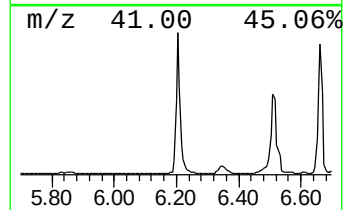
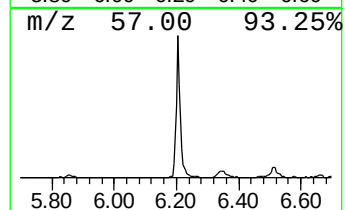
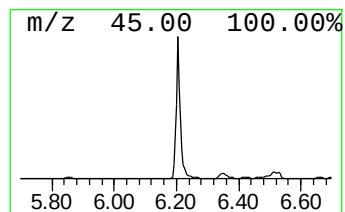
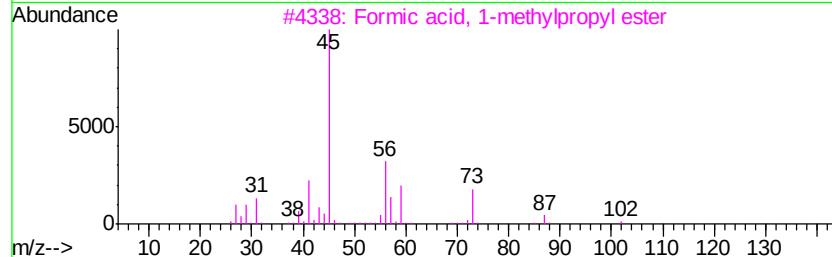
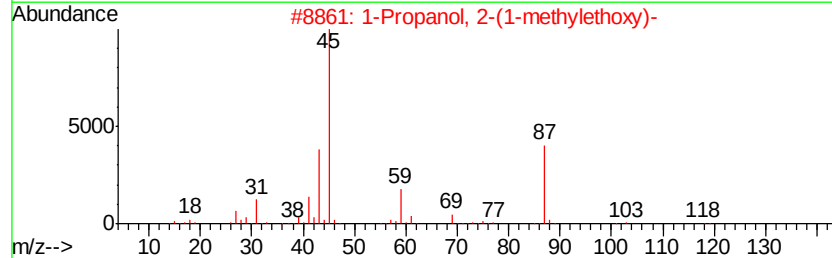
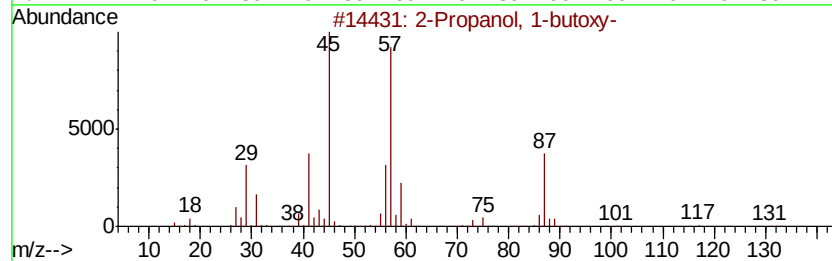
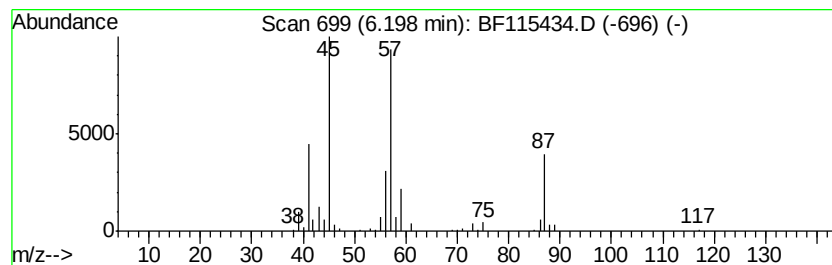
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.20	12.14 ng	578129	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	42
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	40
4	5-Methyl-1-hepten-4-ol	128	C8H16O	099328-46-8	40
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	38



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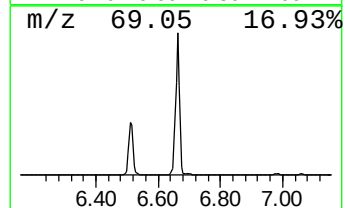
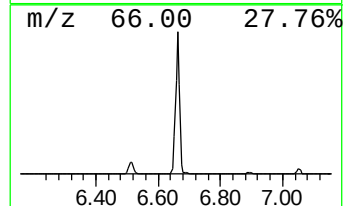
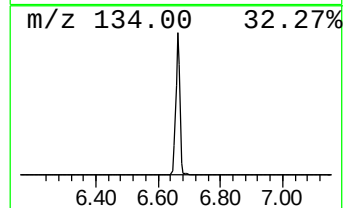
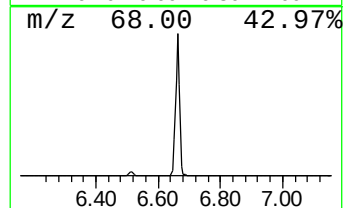
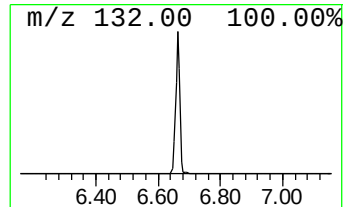
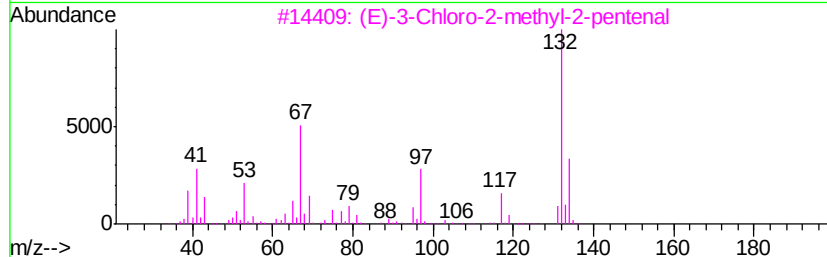
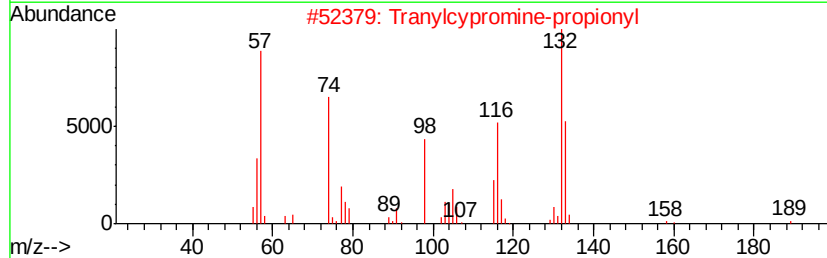
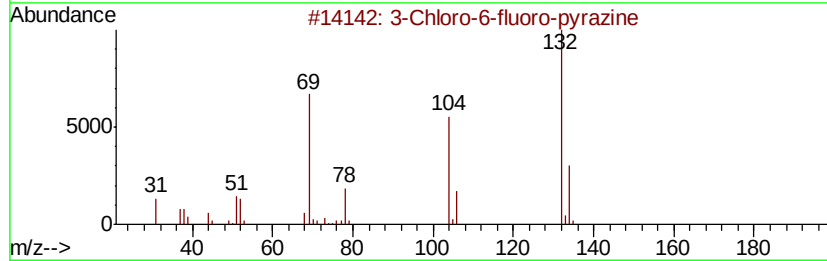
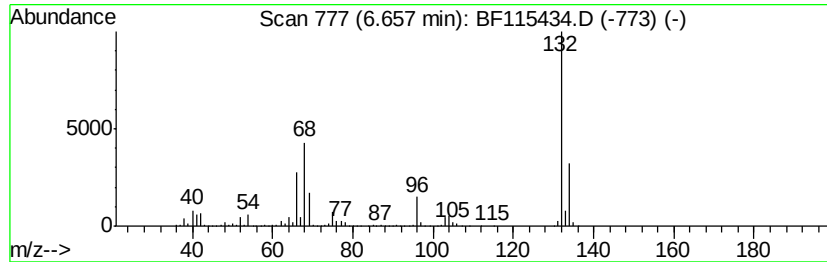
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	73.80 ng	3513070	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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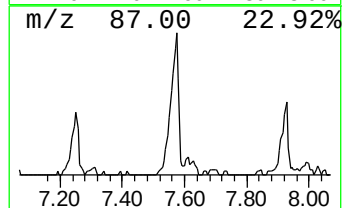
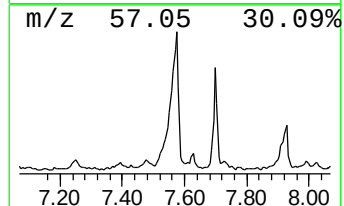
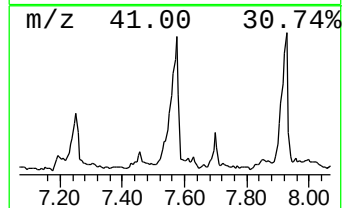
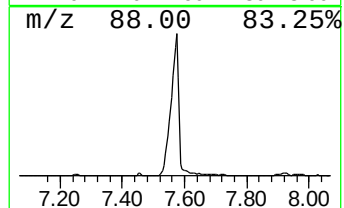
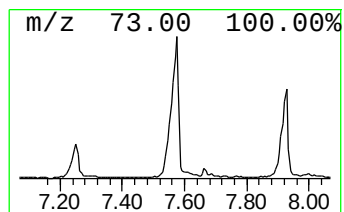
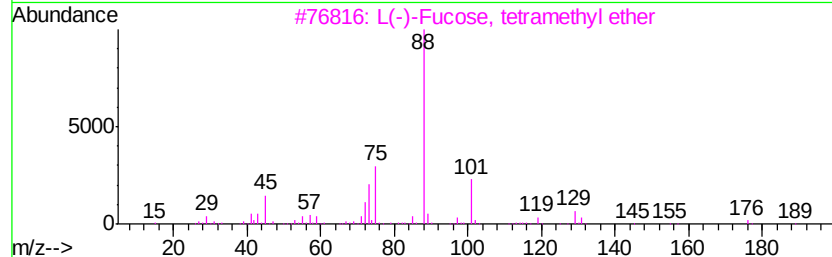
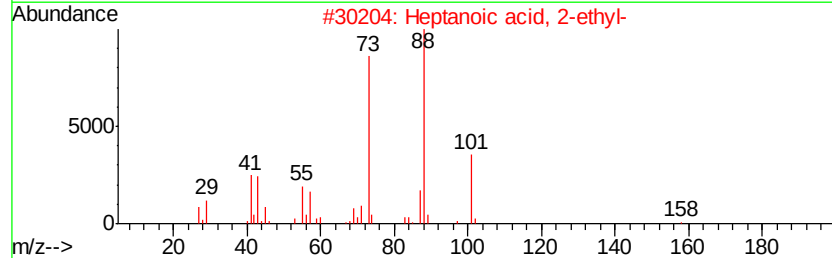
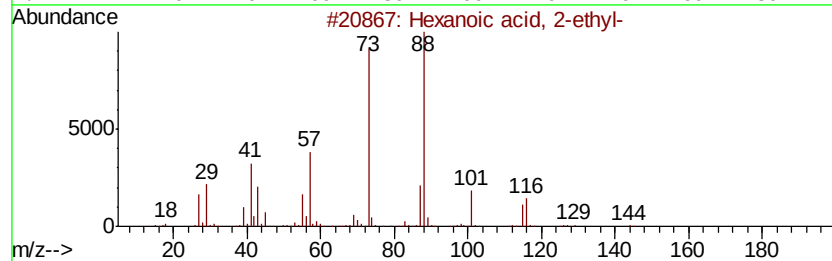
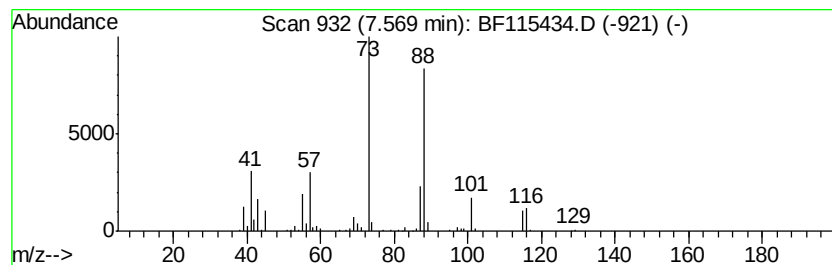
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	6.73 ng	413316	Naphthalene-d8	8.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexanoic acid, 2-ethyl-	144 C8H16O2	000149-57-5 86
2		Heptanoic acid, 2-ethyl-	158 C9H18O2	003274-29-1 59
3		L(-)-Fucose, tetramethyl ether	220 C10H20O5	1000332-75-0 53
4		Butanoic acid, 2-ethyl-, 1,2,3-p...	386 C21H38O6	056554-54-2 38
5		1,4-Dioxane	88 C4H8O2	000123-91-1 37



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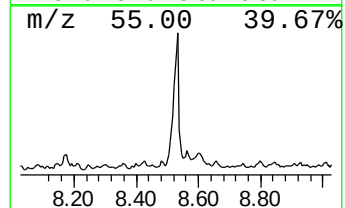
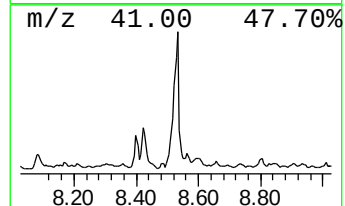
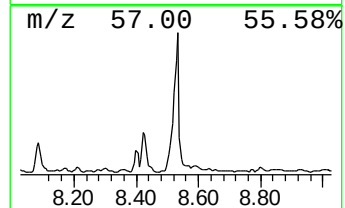
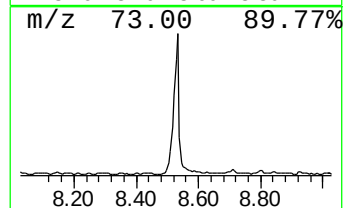
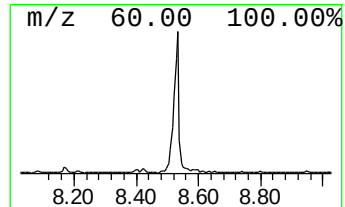
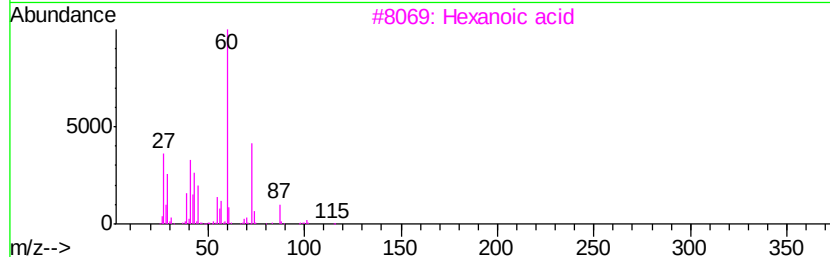
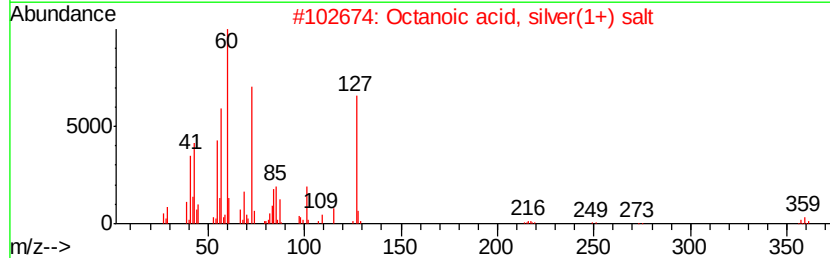
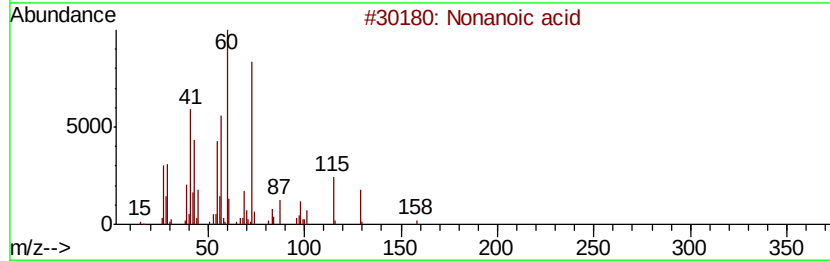
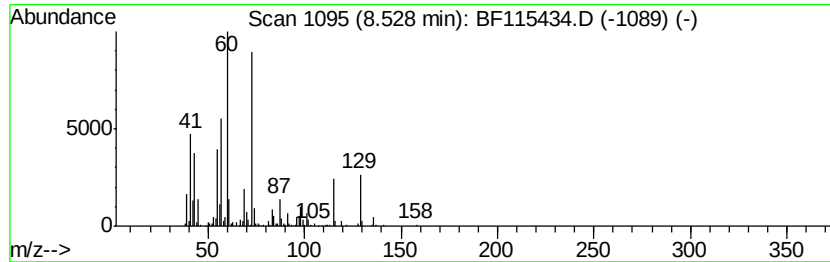
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	7.87 ng	483531	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	93
2		Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	52
3		Hexanoic acid	116	C6H12O2	000142-62-1	50
4		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
5		Butanoic acid	88	C4H8O2	000107-92-6	43



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Data File : BF115434.D
Acq On : 9 Jul 2019 15:25
Operator : HP/JU
Sample : K3705-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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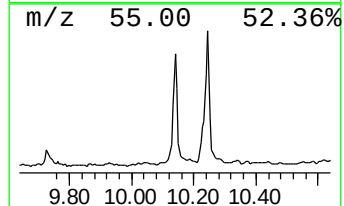
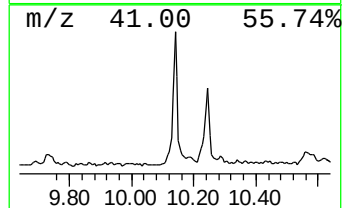
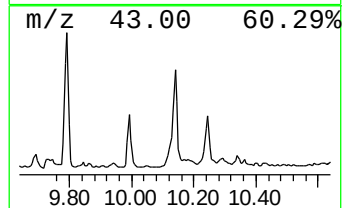
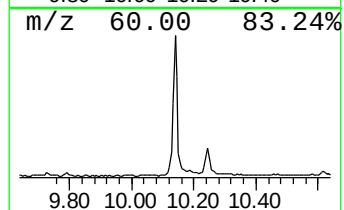
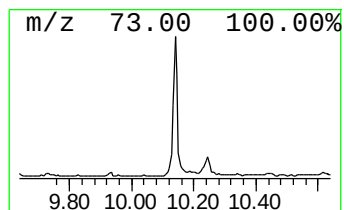
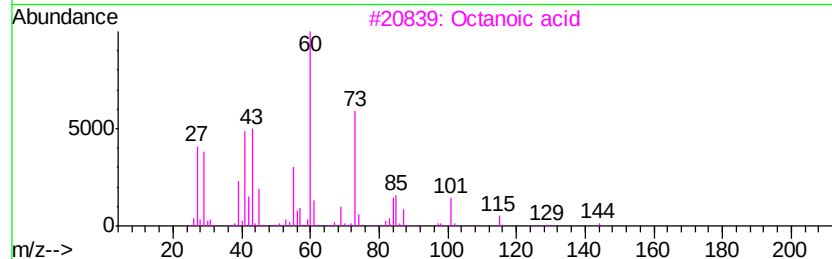
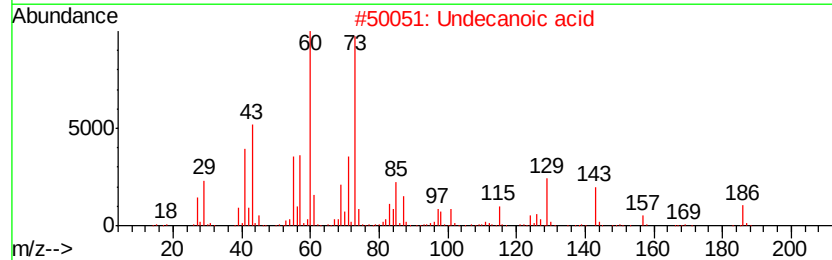
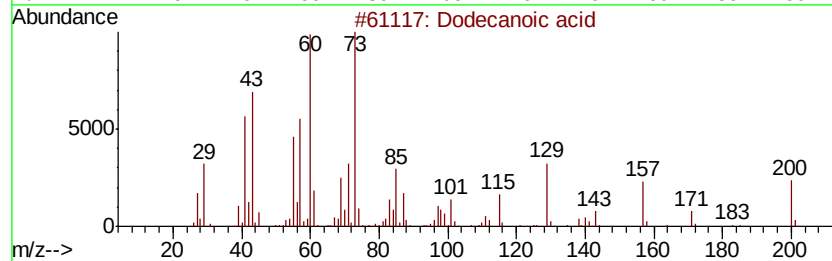
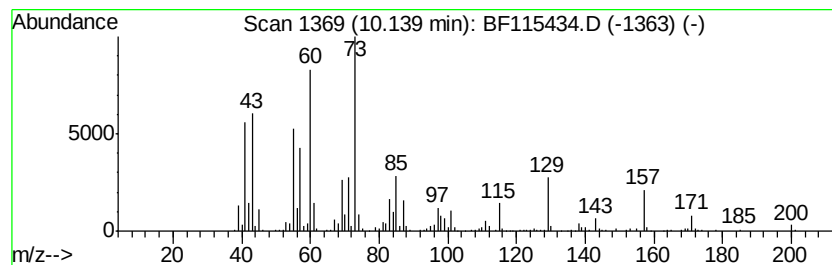
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	7.21 ng	541821	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2		Undecanoic acid	186	C11H22O2	000112-37-8	80
3		Octanoic acid	144	C8H16O2	000124-07-2	47
4		Nonanoic acid	158	C9H18O2	000112-05-0	46
5		Hexanoic acid	116	C6H12O2	000142-62-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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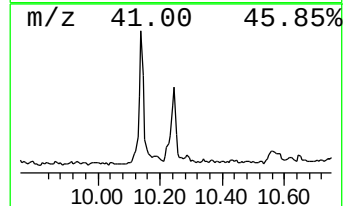
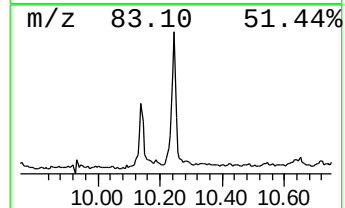
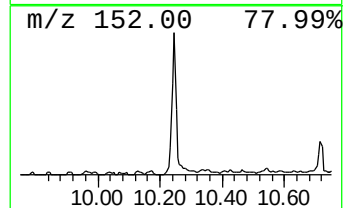
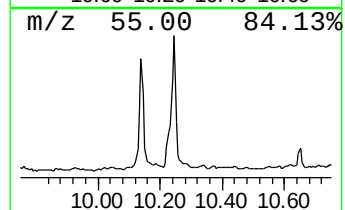
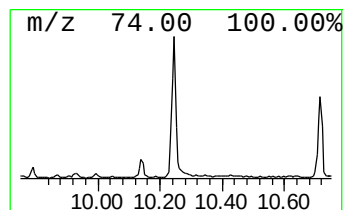
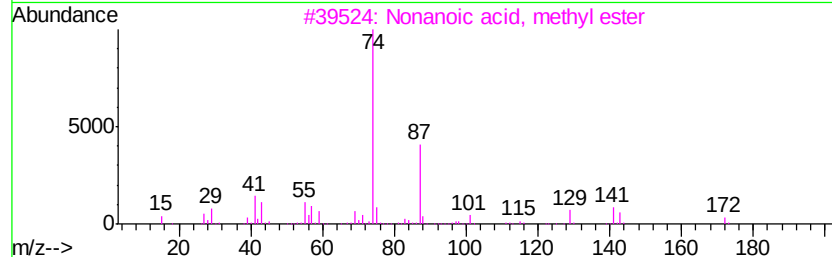
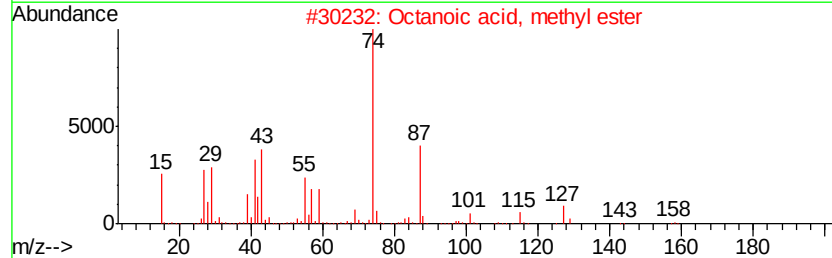
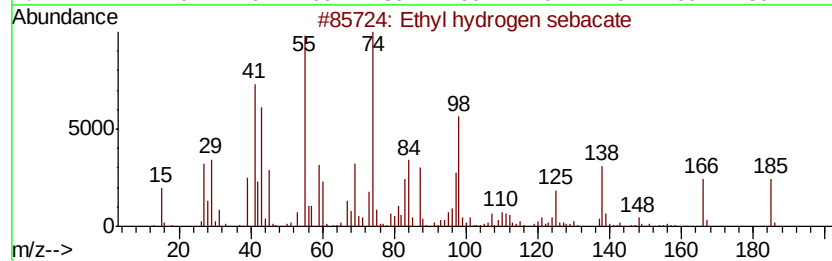
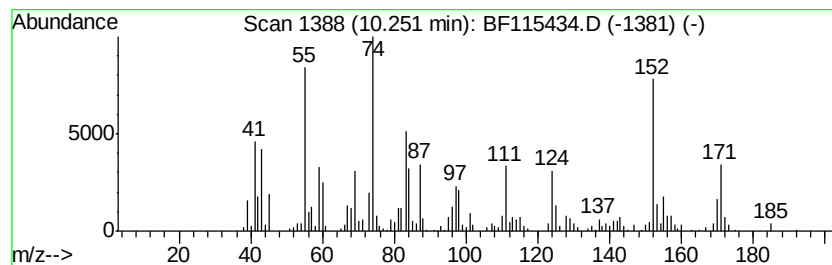
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.25 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	5.87 ng	440840	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethyl hydrogen sebacate	230 C12H22O4	1000342-39-1 38
2		Octanoic acid, methyl ester	158 C9H18O2	000111-11-5 25
3		Nonanoic acid, methyl ester	172 C10H20O2	001731-84-6 25
4		Heptanoic acid, methyl ester	144 C8H16O2	000106-73-0 22
5		Pentanoic acid, 2-methyl-, butyl...	172 C10H20O2	006297-41-2 18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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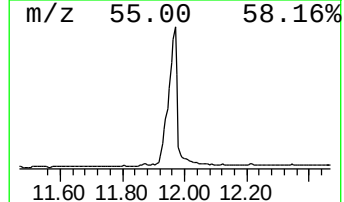
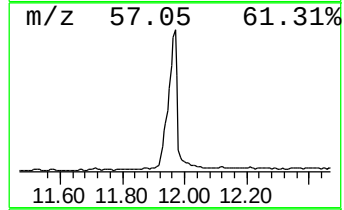
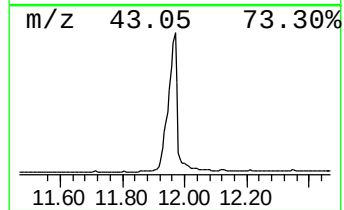
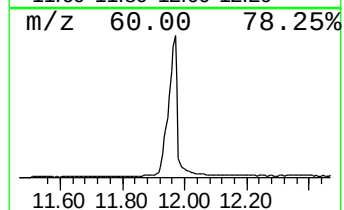
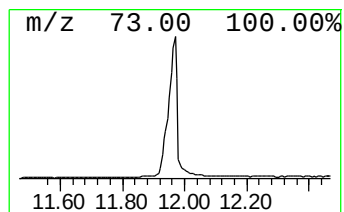
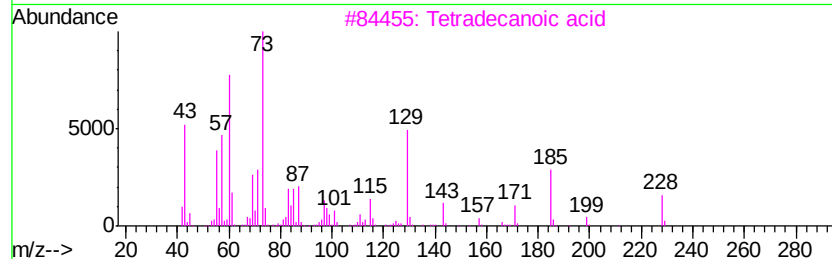
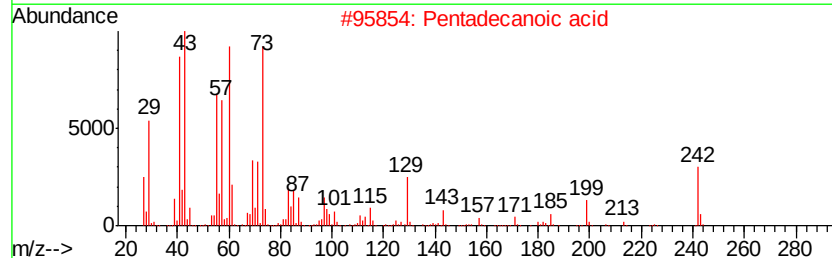
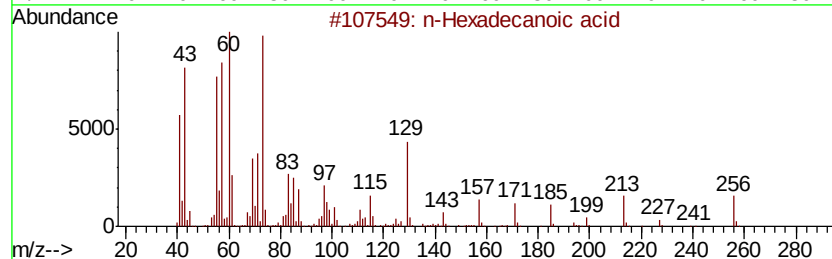
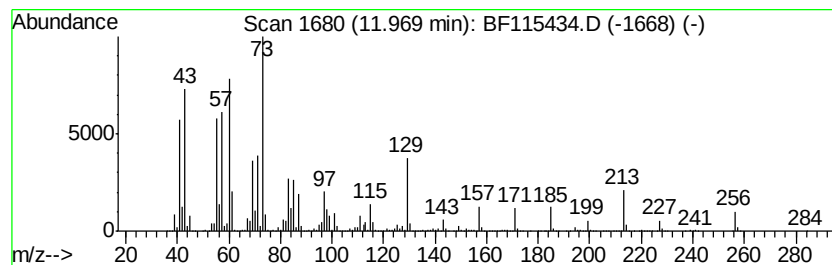
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.97	113.91 ng	8739260	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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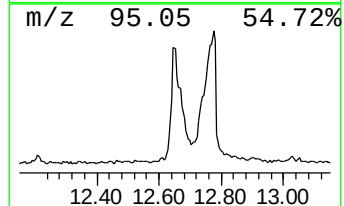
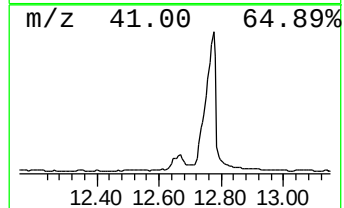
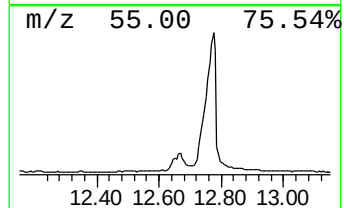
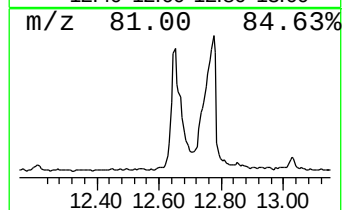
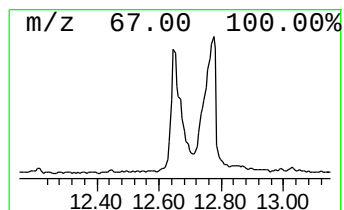
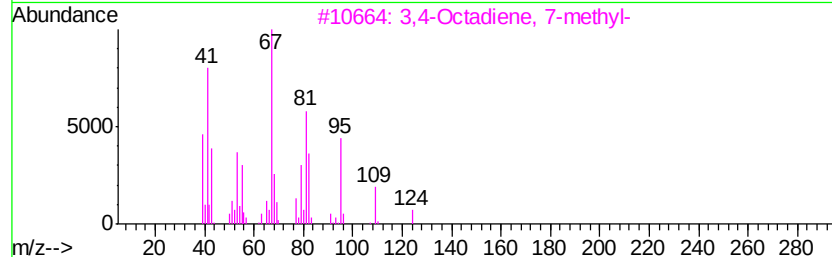
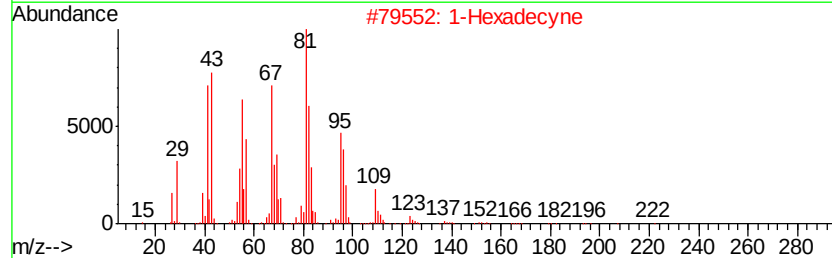
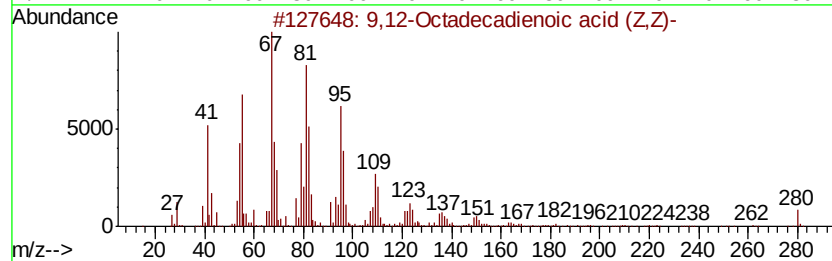
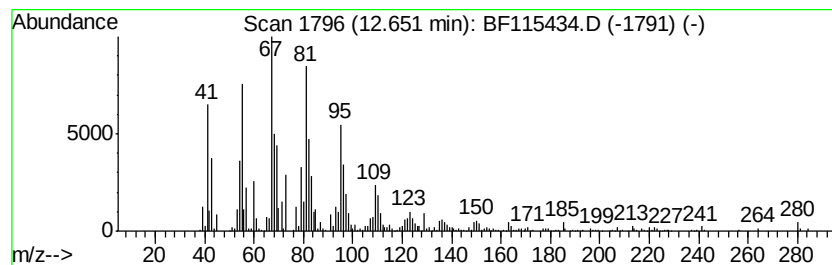
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,12-Octadecadienoic acid (... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.65	8.02 ng	615660	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	1-Hexadecyne	222	C16H30	000629-74-3	89
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76
4	5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	74
5	9-Eicosyne	278	C20H38	071899-38-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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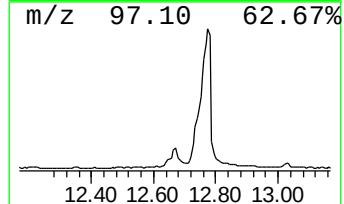
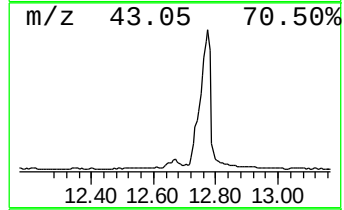
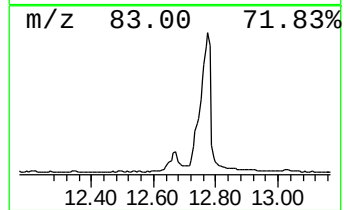
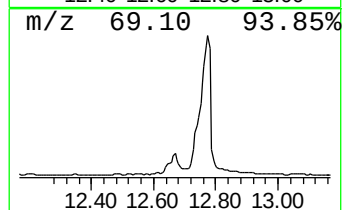
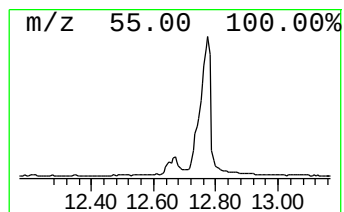
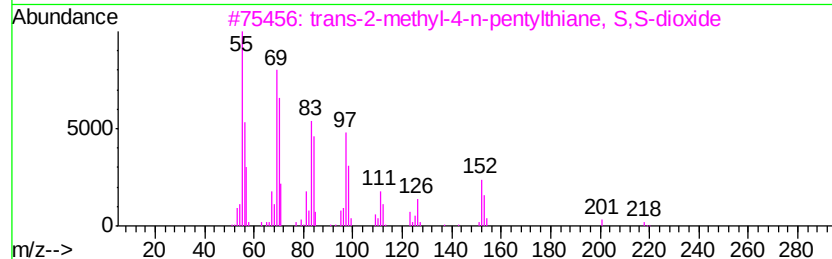
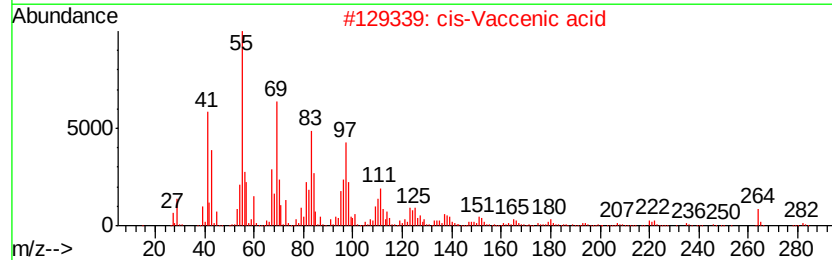
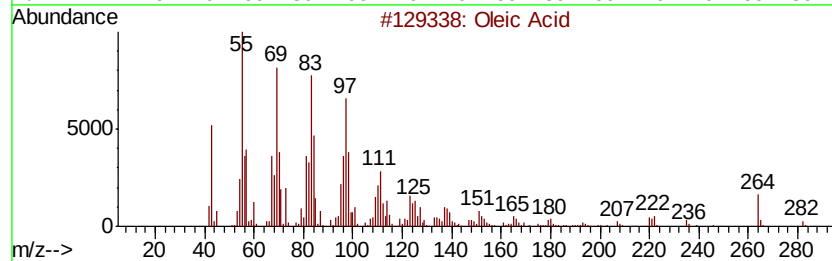
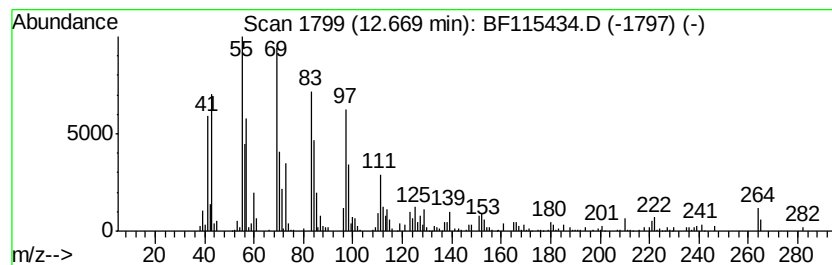
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oleic Acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.67	9.83 ng	754473	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	93
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
3	trans-2-methyl-4-n-pentylthiane,...	218	C11H22O2S	1000215-75-3	89
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115434.D
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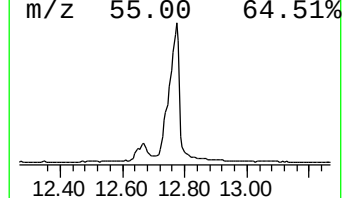
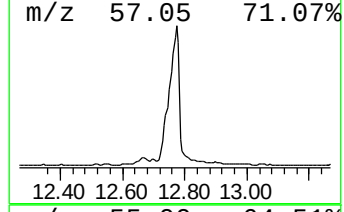
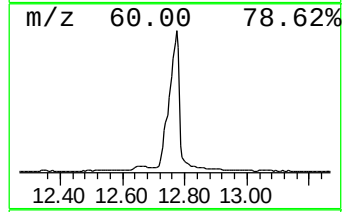
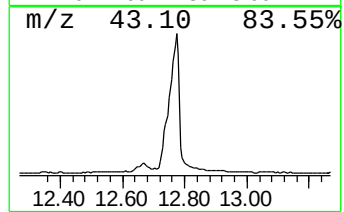
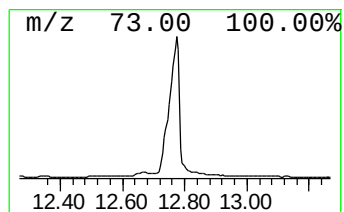
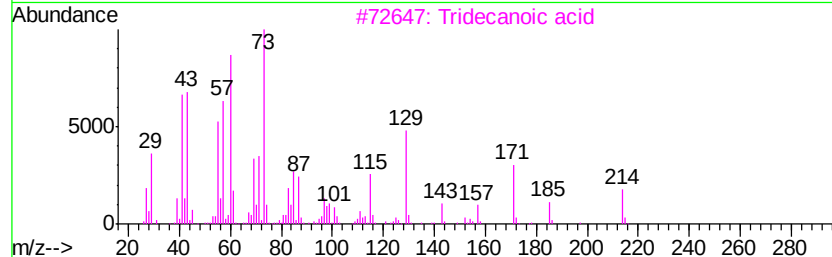
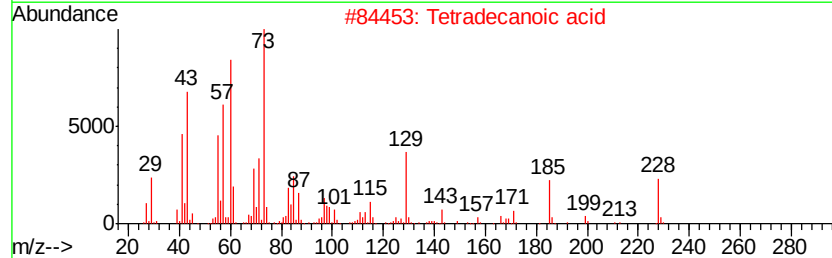
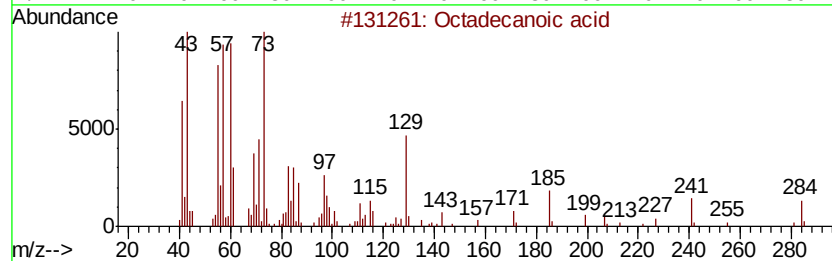
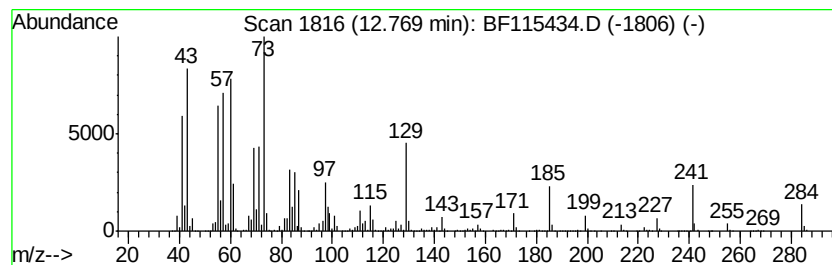
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	168.07 ng	12894400	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115434.D
Acq On : 9 Jul 2019 15:25
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Instrument :
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ClientSampleId :
GW-1-NE-BOILER-PIT

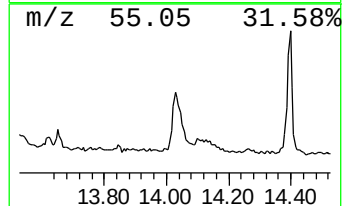
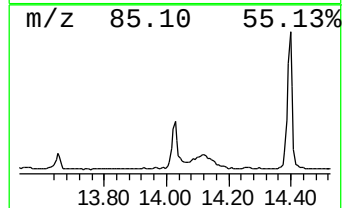
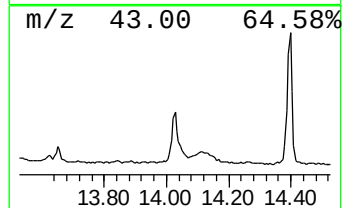
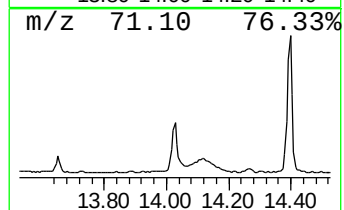
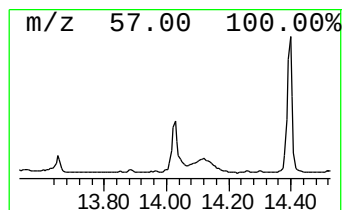
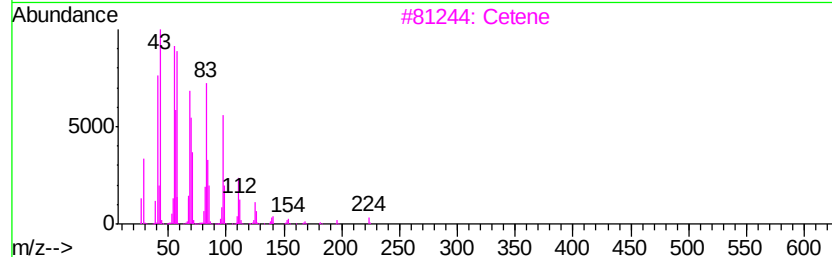
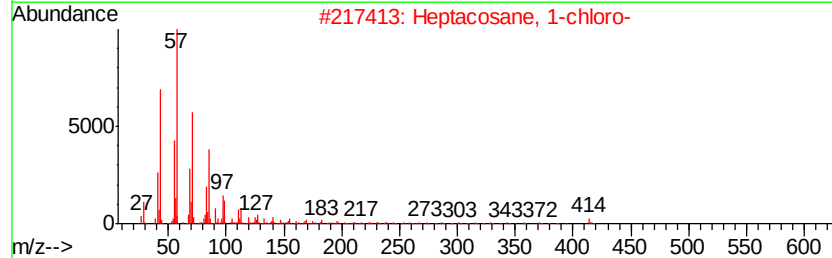
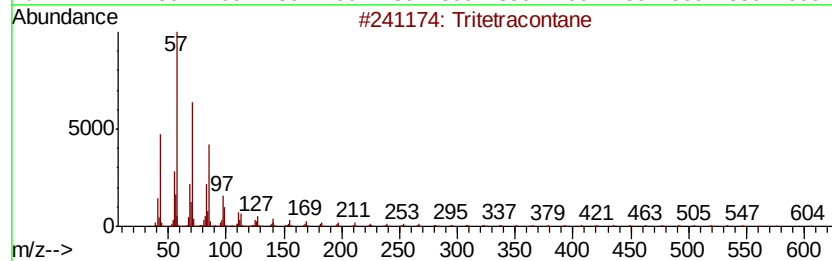
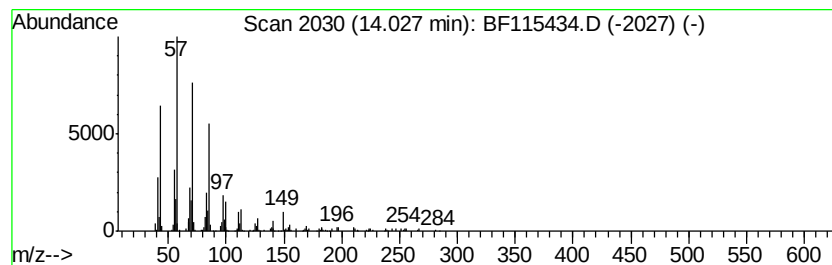
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tritetracontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	5.19 ng	367622	Chrysene-d12	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Cetene	224	C16H32	000629-73-2	91
4		E-14-Hexadecenal	238	C16H30O	330207-53-9	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115434.D
Acq On : 9 Jul 2019 15:25
Operator : HP/JU
Sample : K3705-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GW-1-NE-BOILER-PIT

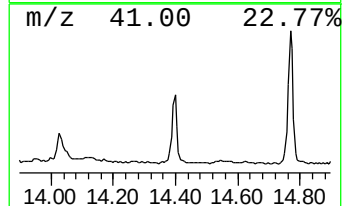
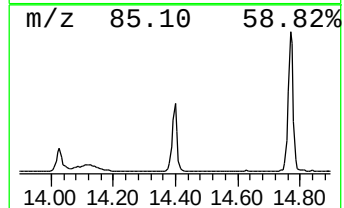
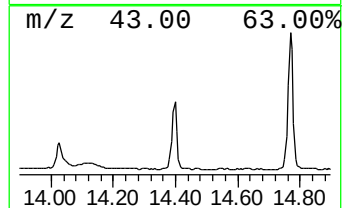
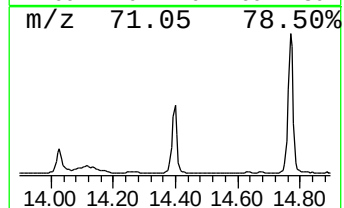
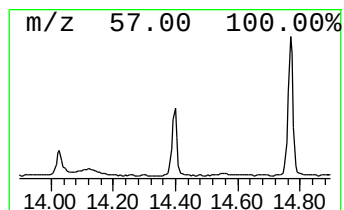
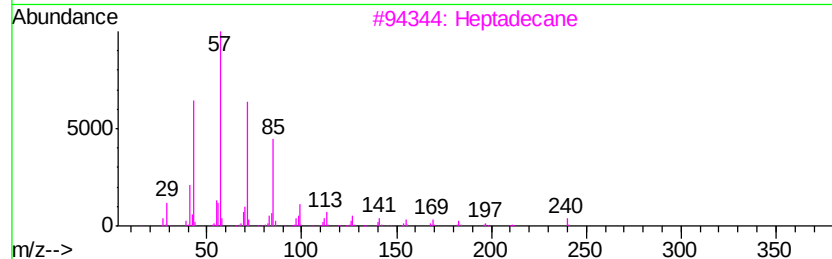
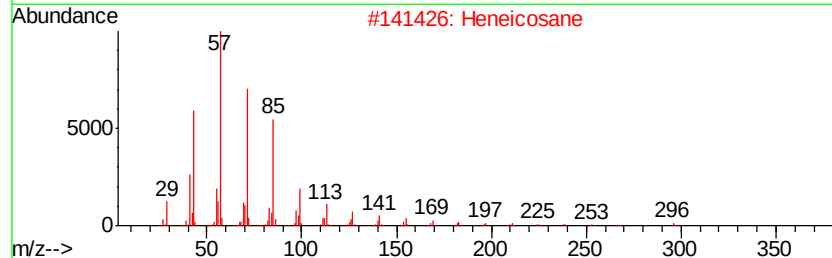
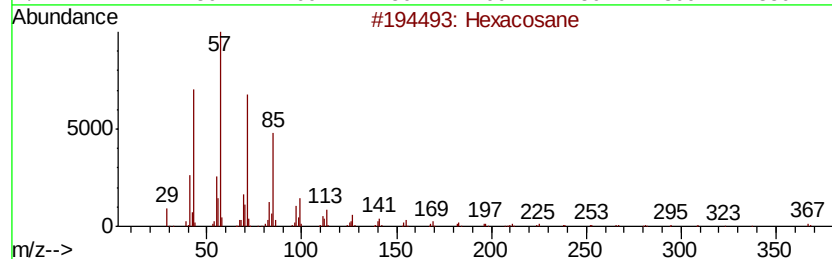
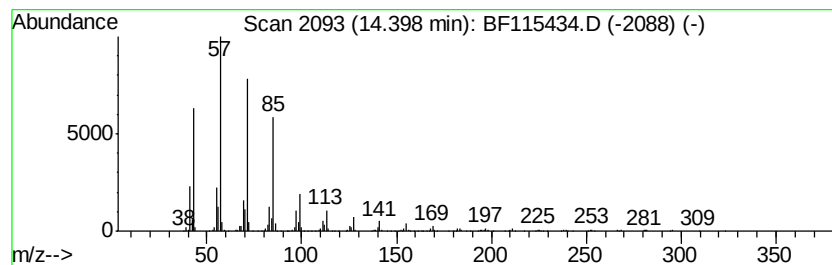
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	10.42 ng	737811	Chrysene-d12	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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Misc :
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ClientSampleId :
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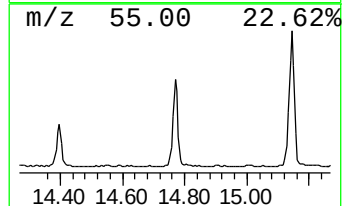
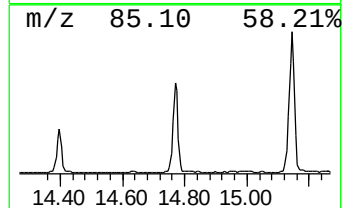
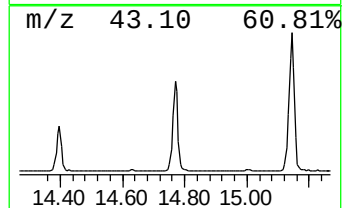
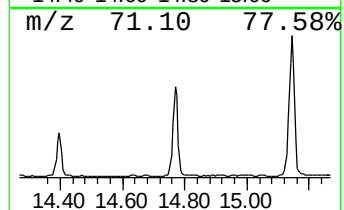
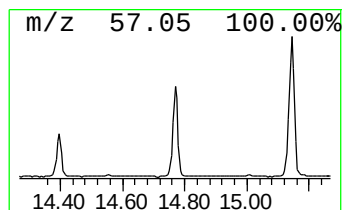
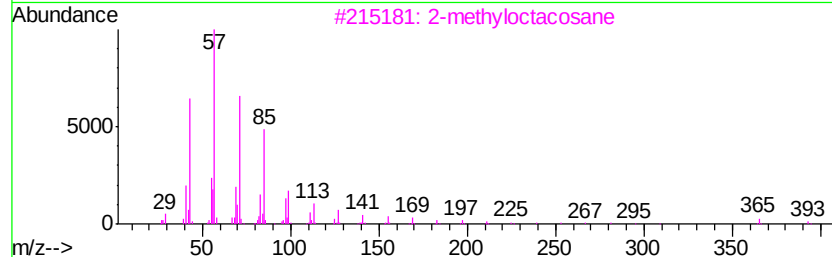
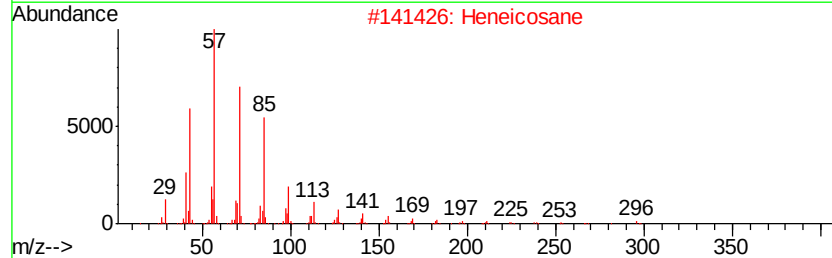
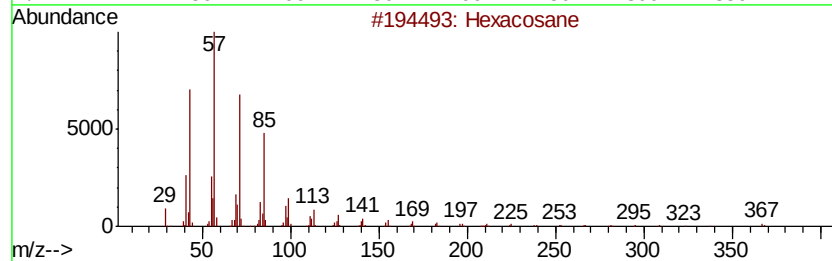
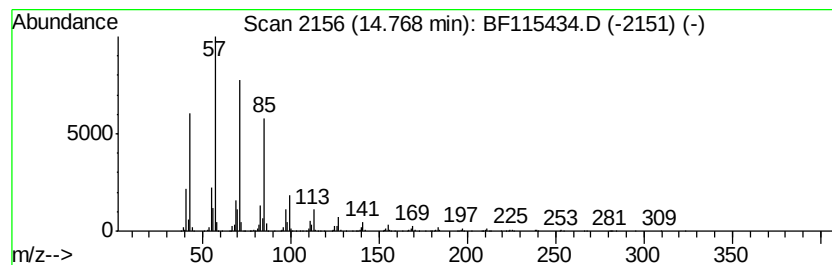
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	20.61 ng	1458760	Chrysene-d12	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115434.D
 Acq On : 9 Jul 2019 15:25
 Operator : HP/JU
 Sample : K3705-01
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 ALS Vial : 3 Sample Multiplier: 1

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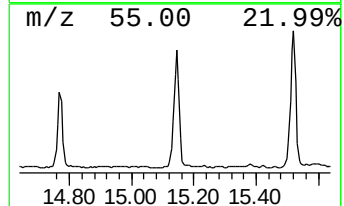
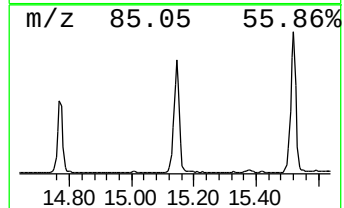
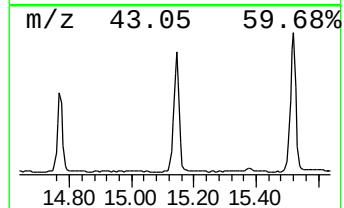
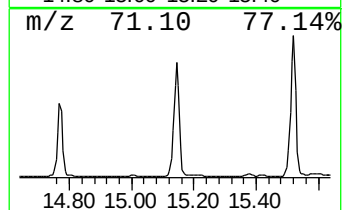
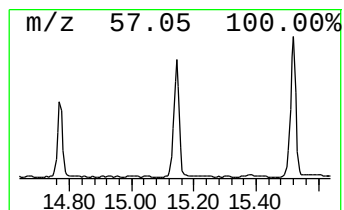
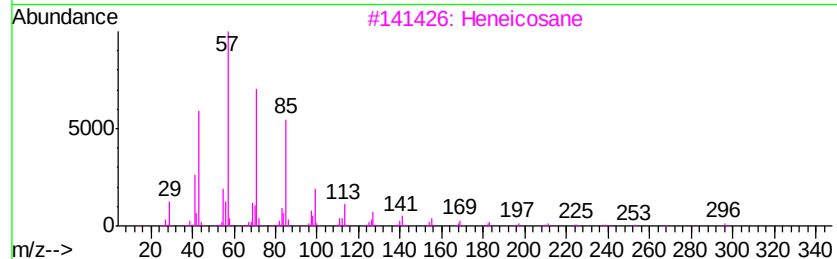
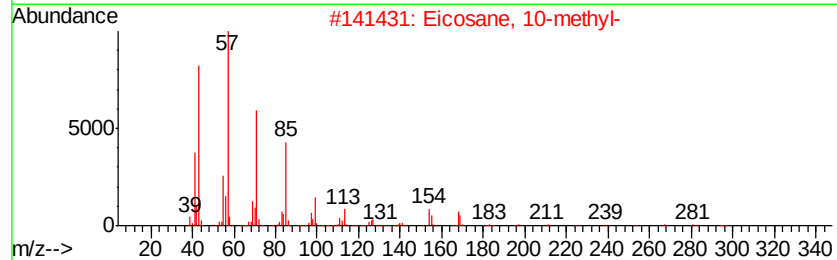
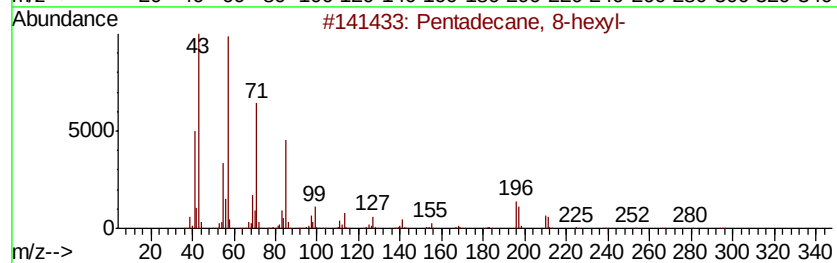
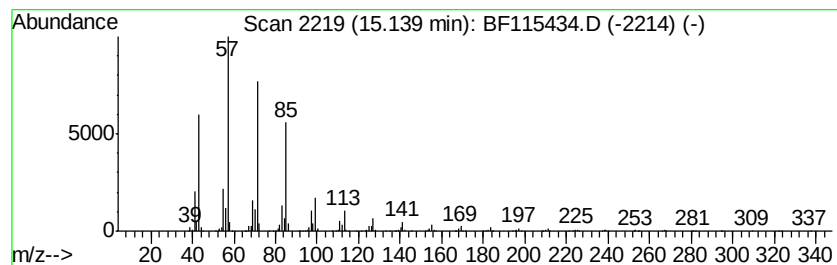
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	32.11 ng	2533100	Perylene-d12	15.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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Acq On : 9 Jul 2019 15:25
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Sample : K3705-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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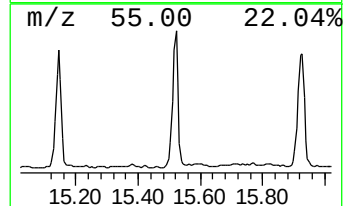
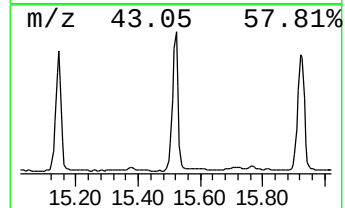
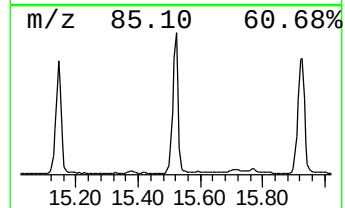
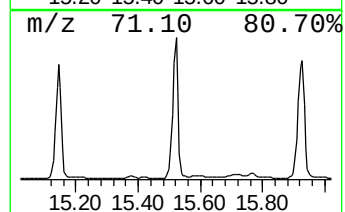
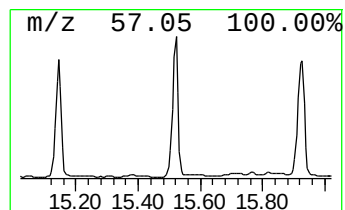
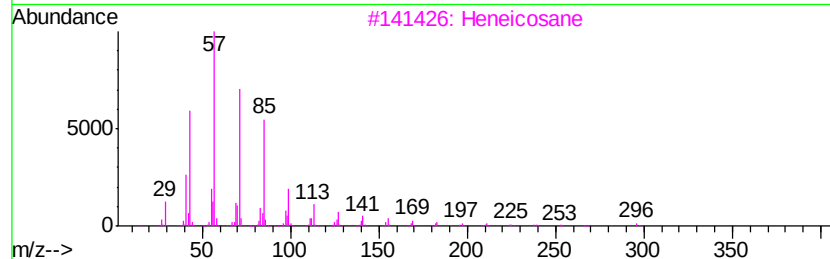
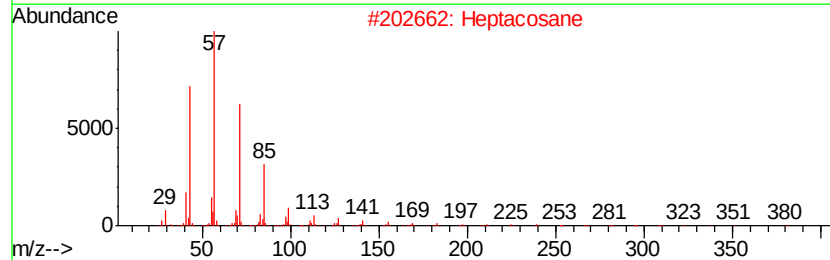
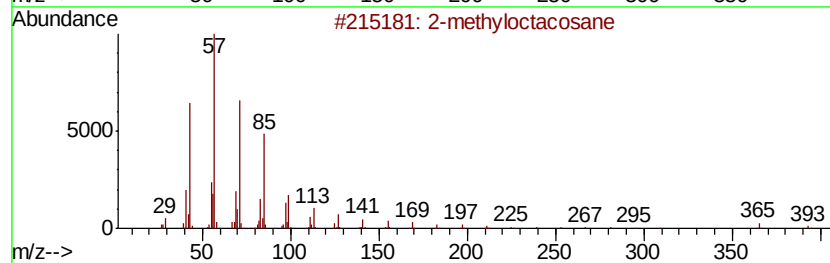
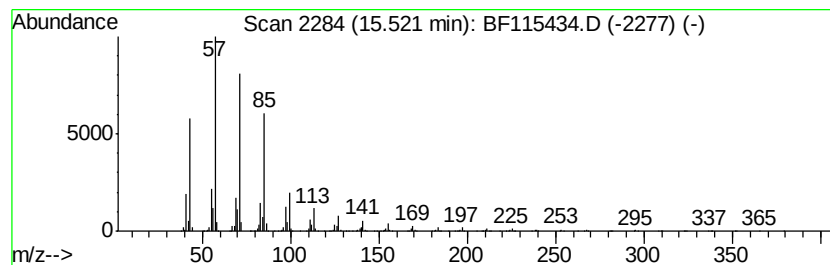
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	38.61 ng	3046370	Perylene-d12	15.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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Misc :
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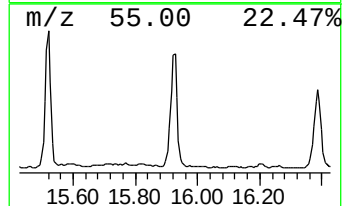
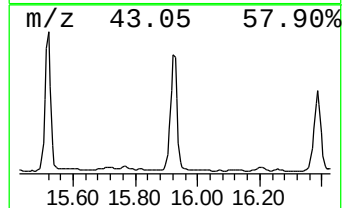
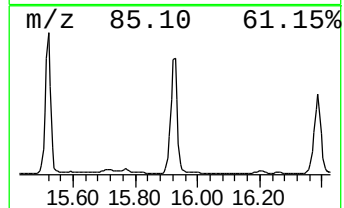
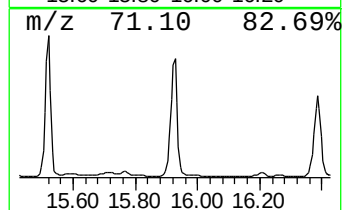
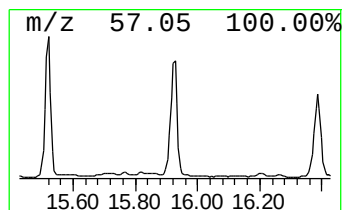
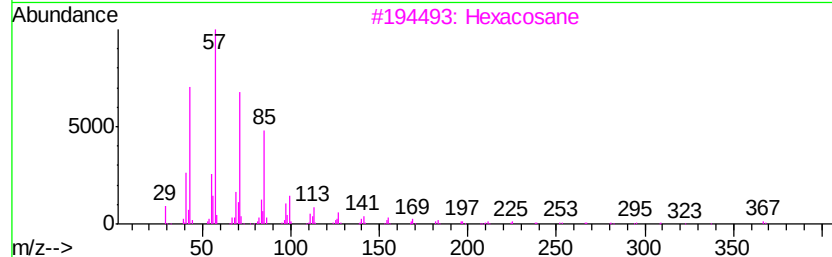
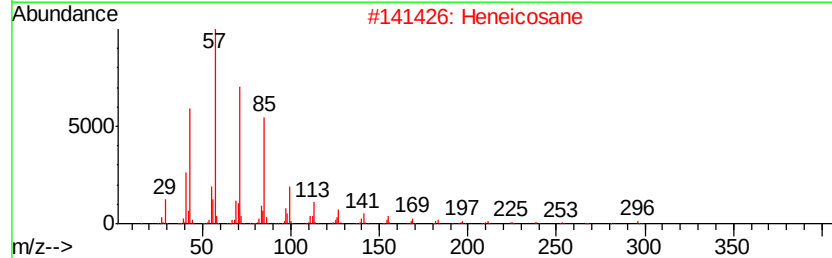
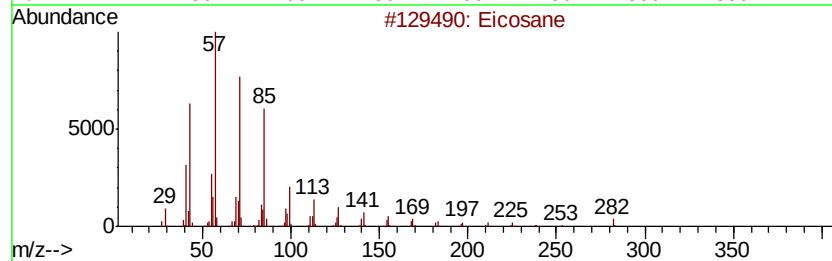
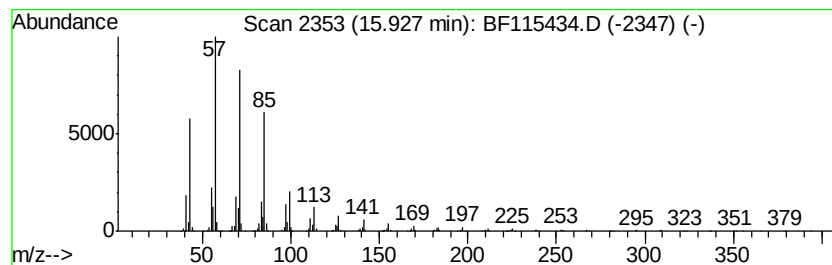
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	40.69 ng	3209970	Perylene-d12	15.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	92
2	Heneicosane	296 C21H44	000629-94-7	91
3	Hexacosane	366 C26H54	000630-01-3	91
4	2-methyloctacosane	408 C29H60	1000376-72-8	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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Misc :
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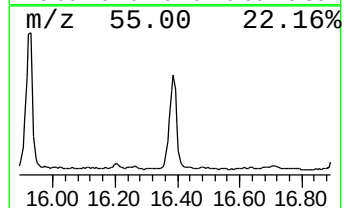
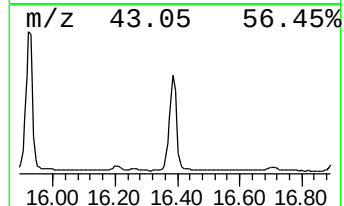
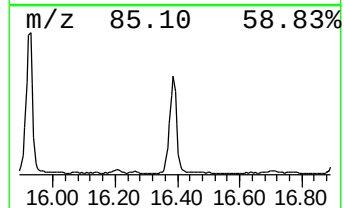
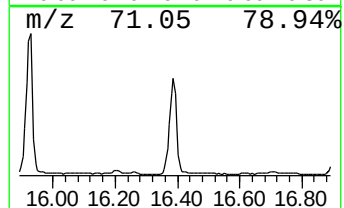
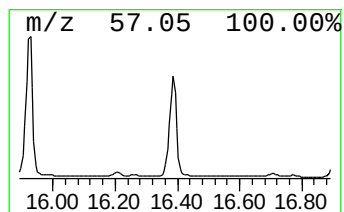
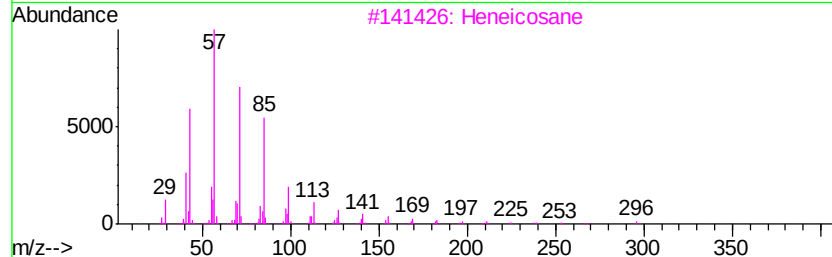
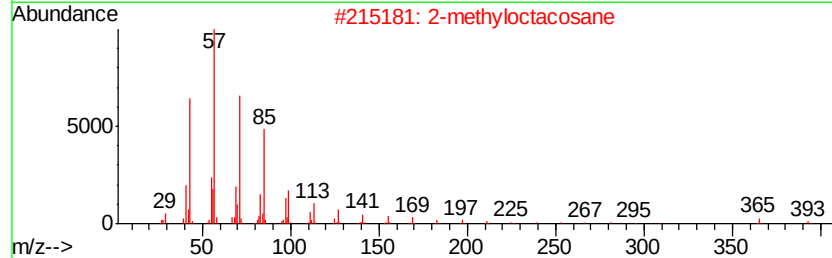
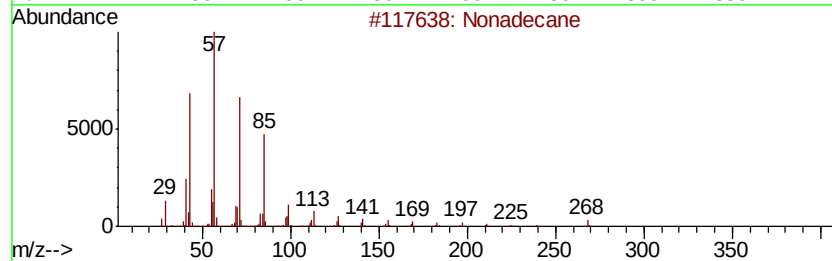
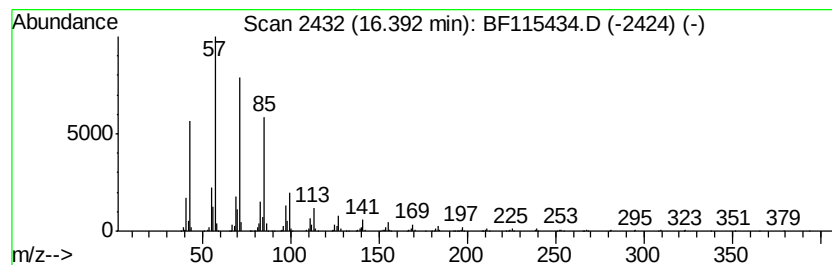
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	29.12 ng	2297040	Perylene-d12	15.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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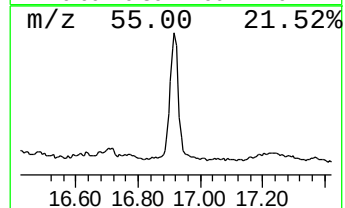
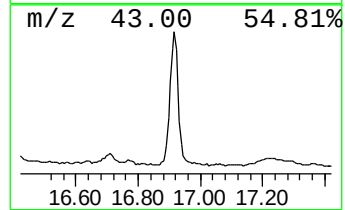
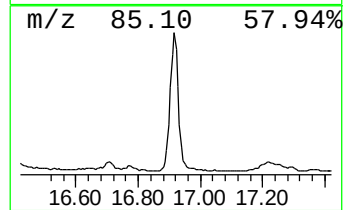
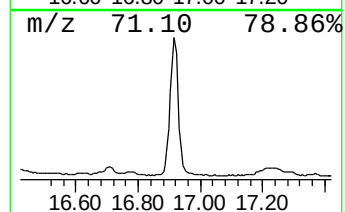
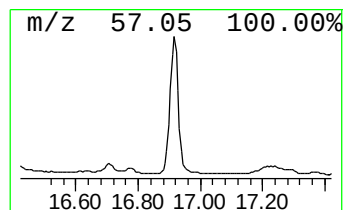
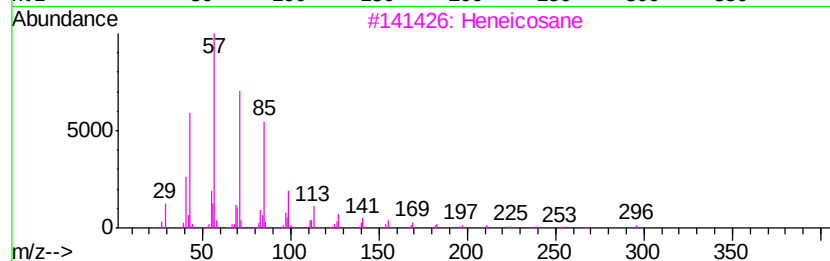
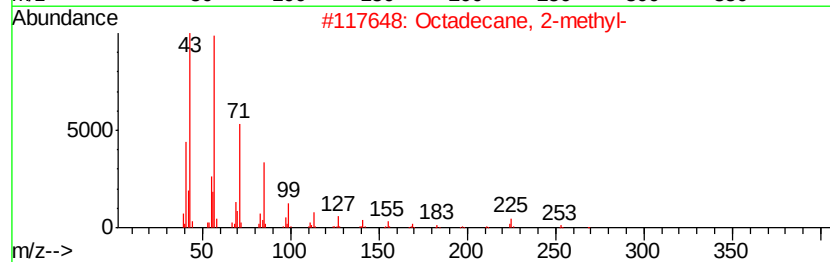
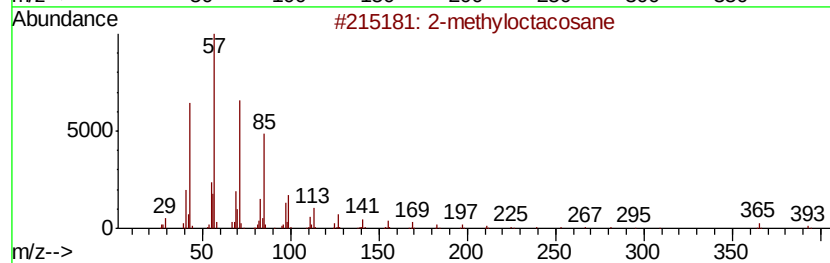
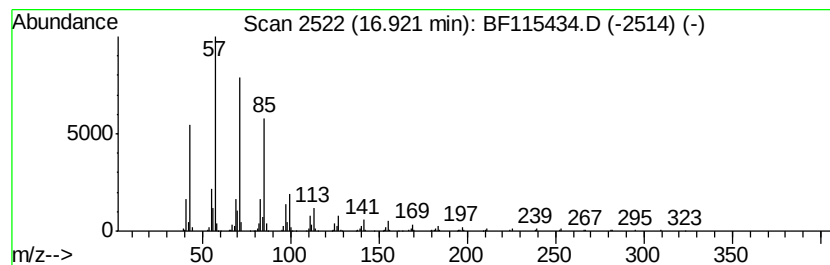
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	14.62 ng	1153100	Perylene-d12	15.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
 Data File : BF115434.D
 Acq On : 9 Jul 2019 15:25
 Operator : HP/JU
 Sample : K3705-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-NE-BOILER-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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...	2.20	127.0	ng	6047300	1	6.89	952071	20.0
2-Propanol, 1-but...	6.20	12.1	ng	578129	1	6.89	952071	20.0
unknown6.66	6.66	73.8	ng	3513070	1	6.89	952071	20.0
Hexanoic acid, 2-...	7.57	6.7	ng	413316	2	8.17	1228750	20.0
Nonanoic acid	8.53	7.9	ng	483531	2	8.17	1228750	20.0
Dodecanoic acid	10.14	7.2	ng	541821	3	9.93	1503160	20.0
unknown10.25	10.25	5.9	ng	440840	3	9.93	1503160	20.0
n-Hexadecanoic acid	11.97	113.9	ng	8739260	4	11.42	1534390	20.0
9,12-Octadecadien...	12.65	8.0	ng	615660	4	11.42	1534390	20.0
Oleic Acid	12.67	9.8	ng	754473	4	11.42	1534390	20.0
Octadecanoic acid	12.77	168.1	ng	12894400	4	11.42	1534390	20.0
Tritetracontane	14.03	5.2	ng	367622	5	14.18	1415890	20.0
Hexacosane	14.40	10.4	ng	737811	5	14.18	1415890	20.0
Heneicosane	14.77	20.6	ng	1458760	5	14.18	1415890	20.0
Pentadecane, 8-he...	15.14	32.1	ng	2533100	6	15.83	1577880	20.0
2-methyloctacosane	15.52	38.6	ng	3046370	6	15.83	1577880	20.0
Eicosane	15.93	40.7	ng	3209970	6	15.83	1577880	20.0
Nonadecane	16.39	29.1	ng	2297040	6	15.83	1577880	20.0
Octadecane, 2-met...	16.92	14.6	ng	1153100	6	15.83	1577880	20.0