

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113067.D
 Acq On : 15 Mar 2019 15:53
 Operator : JU/SJ
 Sample : K1905-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3483

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	5.340	548	553	571	rBV	2959549	2968377	76.31%	8.762%
2	6.369	723	728	746	rBV	2841050	3192444	82.07%	9.424%
3	6.498	746	750	753	rBV	3542451	3116723	80.12%	9.200%
4	6.728	785	789	792	rBV	759128	669565	17.21%	1.977%
5	6.881	811	815	819	rBV	2621266	2357469	60.60%	6.959%
6	7.286	879	884	887	rBV	2176087	1863931	47.92%	5.502%
7	8.010	1003	1007	1013	rBV	775763	817334	21.01%	2.413%
8	9.080	1185	1189	1204	rBV	3518448	3538408	90.96%	10.445%
9	9.475	1253	1256	1264	rBV	198403	184165	4.73%	0.544%
10	9.757	1300	1304	1308	rBV	1071197	1004865	25.83%	2.966%
11	9.786	1308	1309	1317	rVB	108712	89373	2.30%	0.264%
12	10.304	1394	1397	1403	rVB	64462	60838	1.56%	0.180%
13	10.545	1433	1438	1453	rBV	2636785	2666102	68.54%	7.870%
14	11.233	1552	1555	1558	rBV	1214778	1124875	28.92%	3.321%
15	11.257	1558	1559	1565	rVV	349346	236749	6.09%	0.699%
16	11.310	1565	1568	1572	rVB	55466	49557	1.27%	0.146%
17	11.774	1643	1647	1652	rBV2	317687	372900	9.59%	1.101%
18	11.845	1656	1659	1662	rBV	71668	75538	1.94%	0.223%
19	12.333	1736	1742	1745	rBV5	20928	41902	1.08%	0.124%
20	12.439	1757	1760	1764	rBV	410066	381122	9.80%	1.125%
21	12.551	1777	1779	1784	rBV2	91998	118520	3.05%	0.350%
22	12.668	1793	1799	1802	rBV	295144	345490	8.88%	1.020%
23	12.816	1820	1824	1828	rBV	4001114	3890029	100.00%	11.483%
24	12.998	1852	1855	1858	rVB2	62479	60084	1.54%	0.177%
25	13.063	1861	1866	1869	rVV2	70900	81896	2.11%	0.242%
26	13.721	1975	1978	1985	rBV	273731	402077	10.34%	1.187%
27	13.863	1996	2002	2005	rBV	1237512	1357220	34.89%	4.006%
28	14.039	2029	2032	2039	rVB	110300	111879	2.88%	0.330%
29	14.262	2066	2070	2072	rBV2	43525	76409	1.96%	0.226%
30	14.339	2080	2083	2086	rBV	164538	166865	4.29%	0.493%
31	14.633	2130	2133	2137	rBV	185814	191734	4.93%	0.566%
32	14.868	2171	2173	2180	rVB	62838	106584	2.74%	0.315%
33	14.951	2183	2187	2193	rBV	216461	250532	6.44%	0.740%
34	15.209	2228	2231	2236	rBV	36363	52618	1.35%	0.155%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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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	15.268	2236	2241	2245	rVV	847518	1050737	27.01%	3.102%
36	15.304	2245	2247	2253	rVB	210325	253736	6.52%	0.749%
37	15.709	2311	2316	2322	rBV	209008	297805	7.66%	0.879%
38	16.174	2391	2395	2405	rVB2	125987	249667	6.42%	0.737%

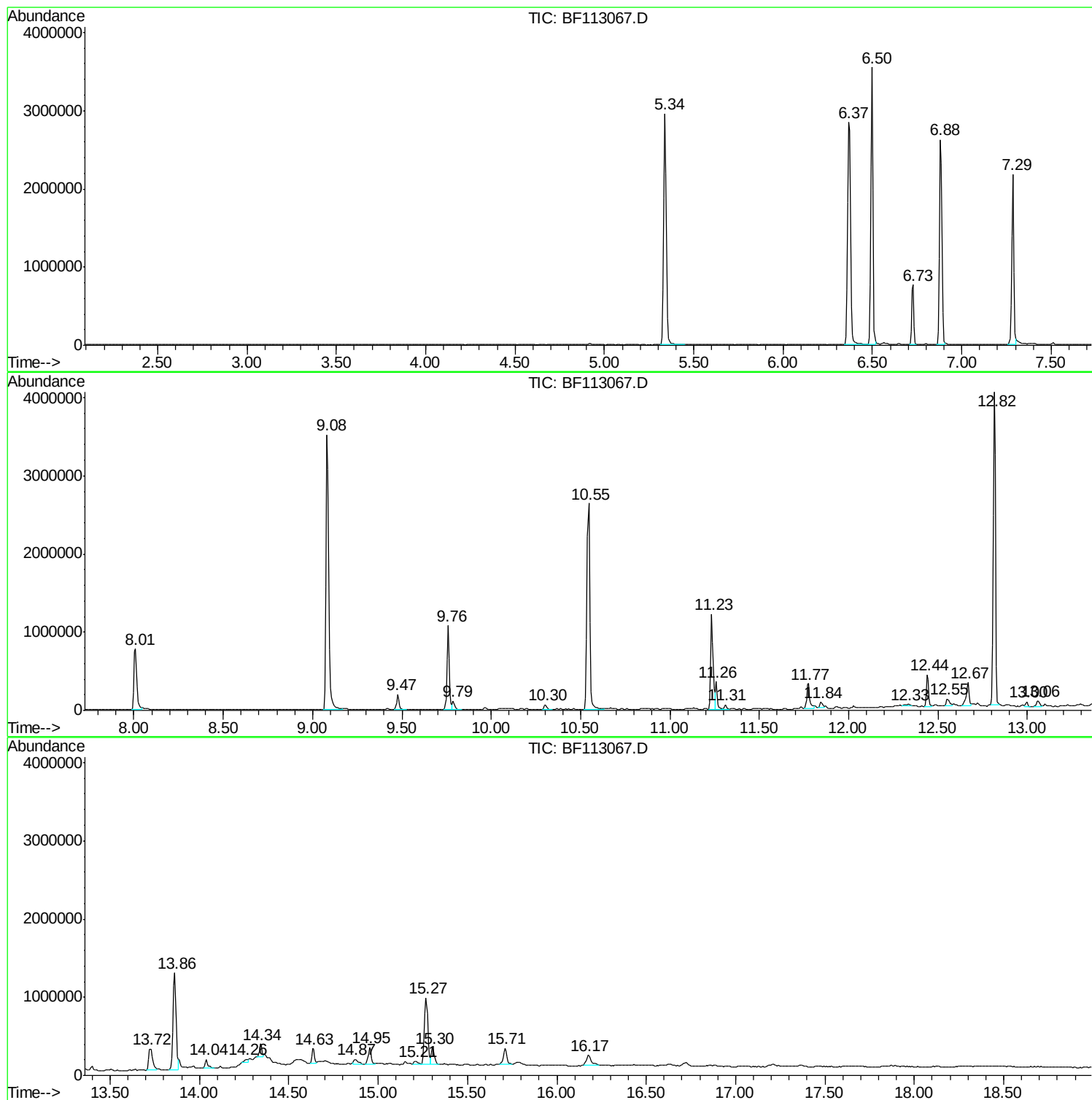
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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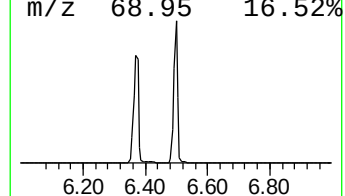
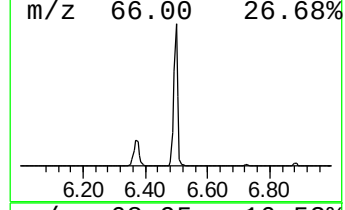
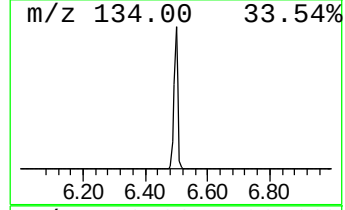
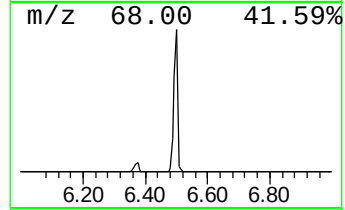
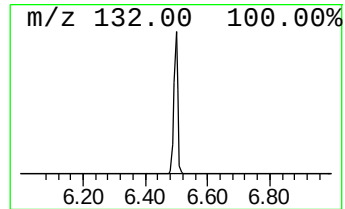
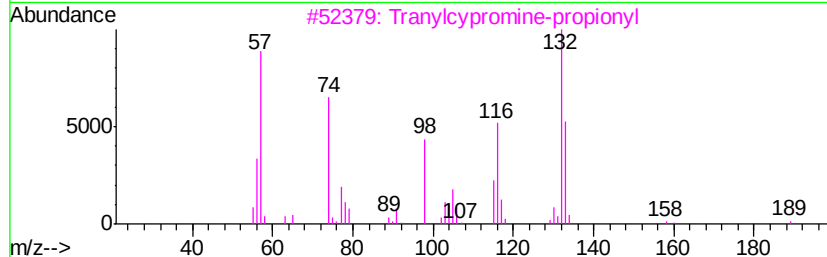
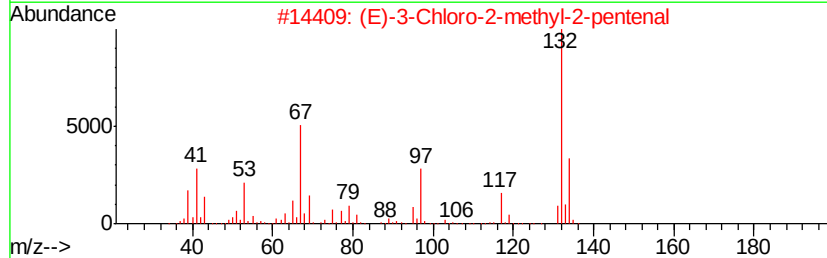
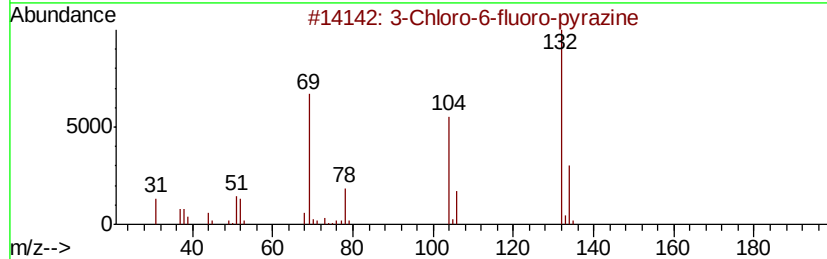
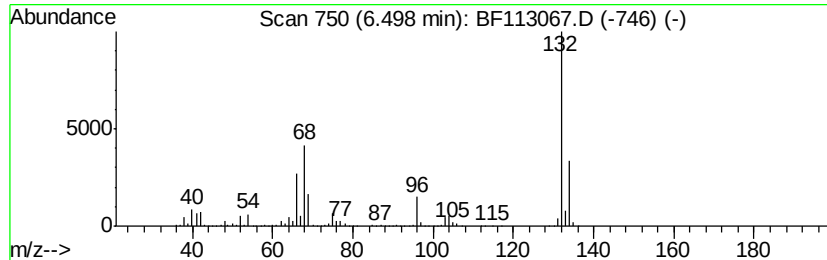
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	93.10 ng	3116720	1,4-Dichlorobenzene-d4	6.73

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	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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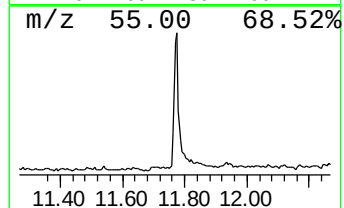
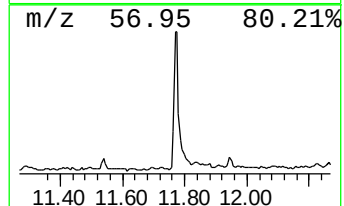
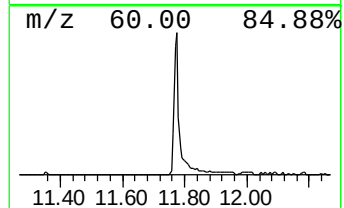
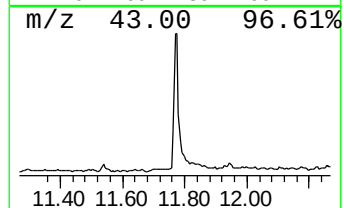
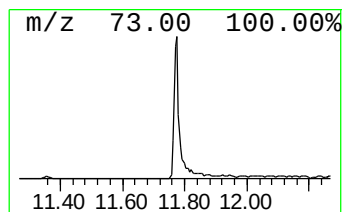
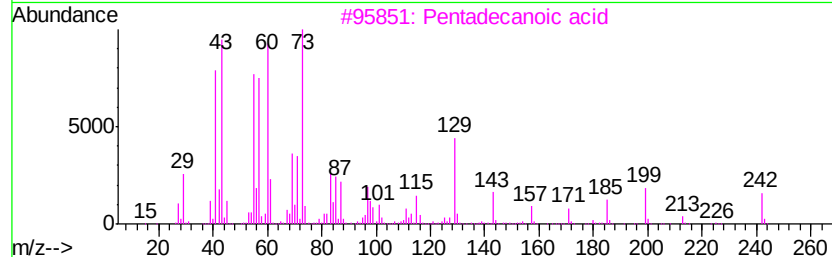
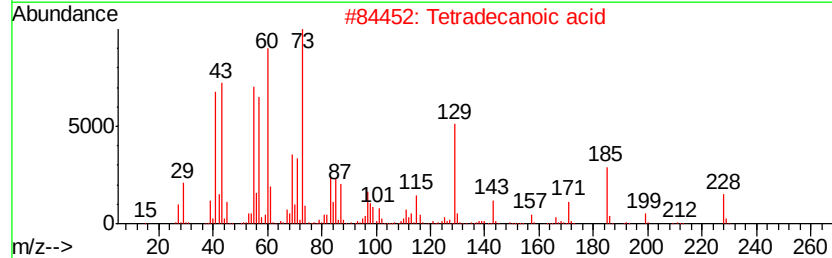
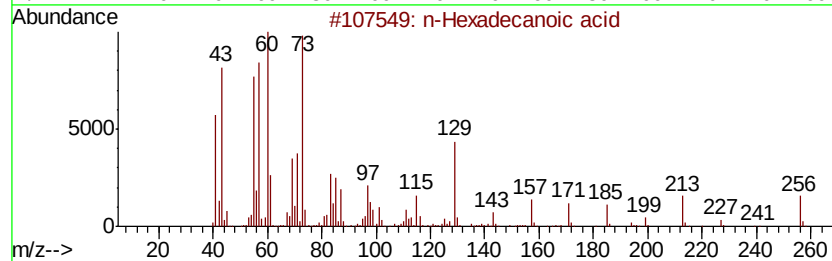
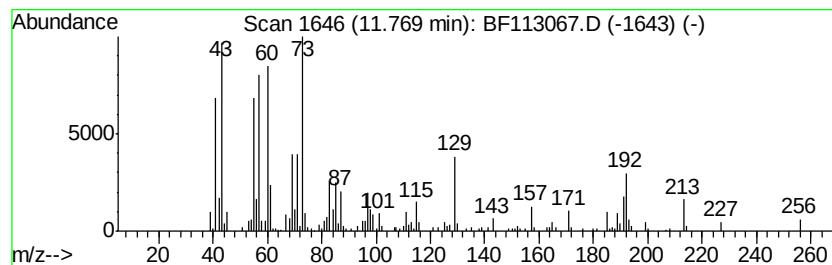
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	6.63 ng	372900	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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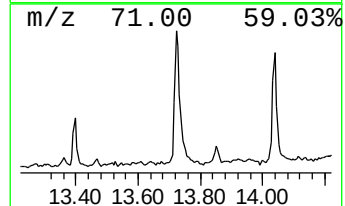
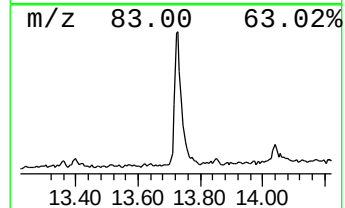
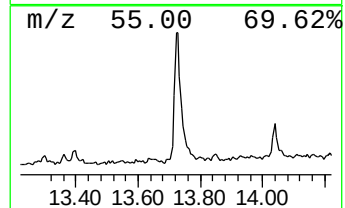
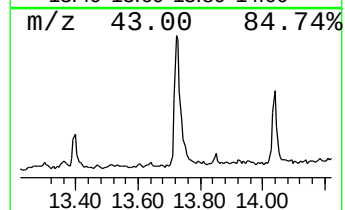
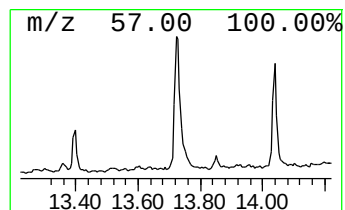
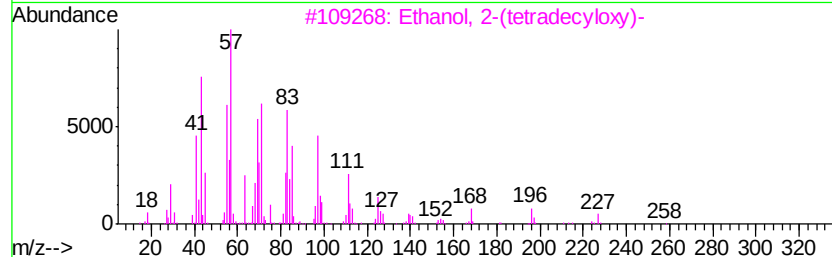
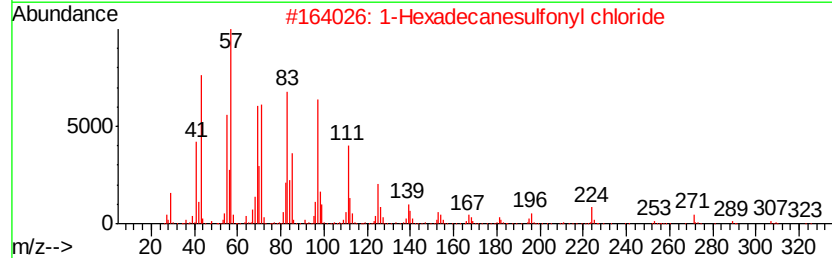
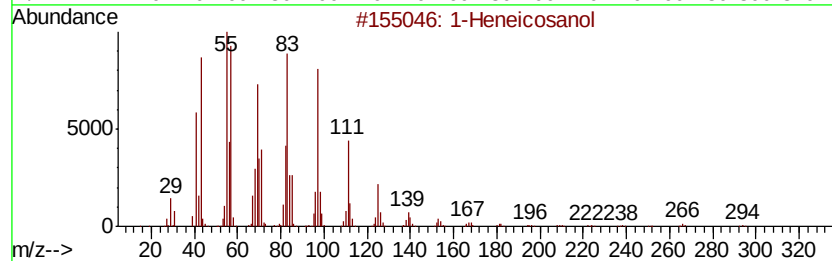
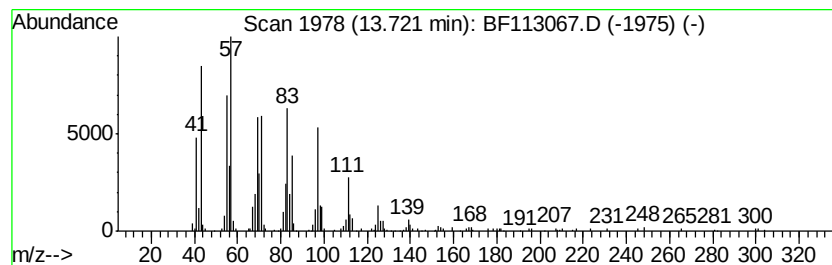
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.93 ng	402077	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	92
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



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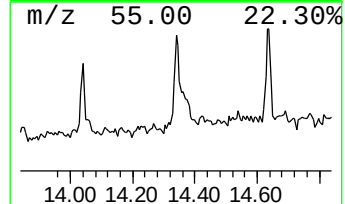
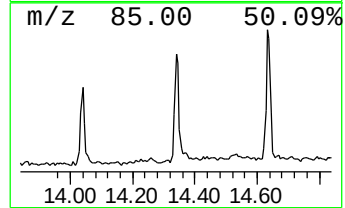
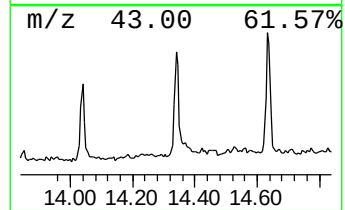
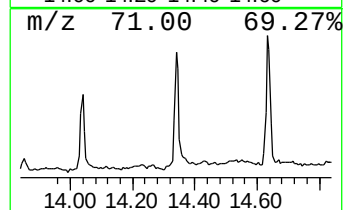
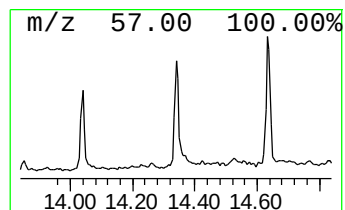
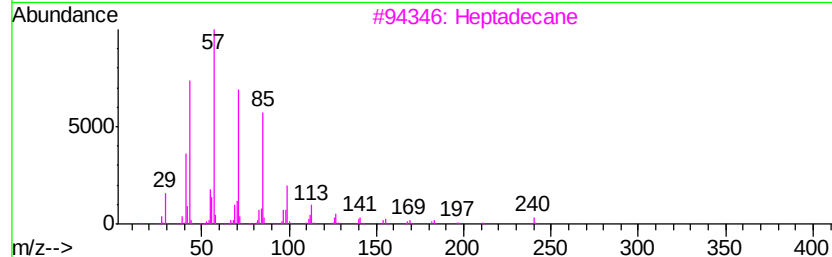
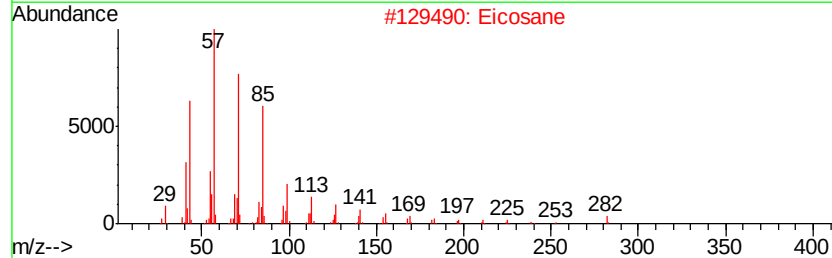
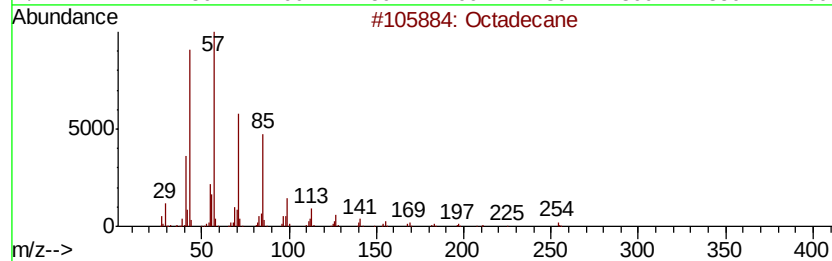
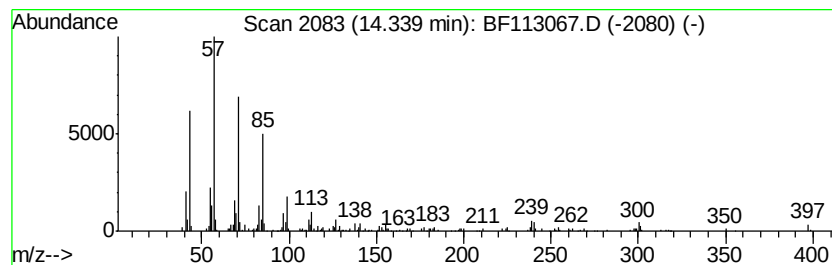
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.46 ng	166865	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Eicosane		282	C20H42	000112-95-8	93
3	Heptadecane		240	C17H36	000629-78-7	93
4	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	91
5	Heneicosane		296	C21H44	000629-94-7	87



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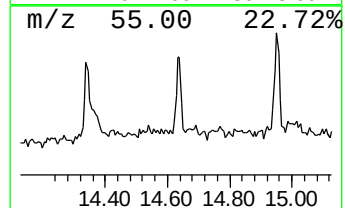
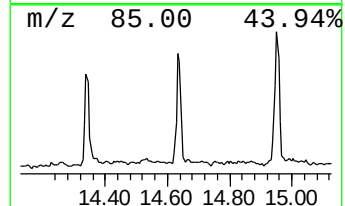
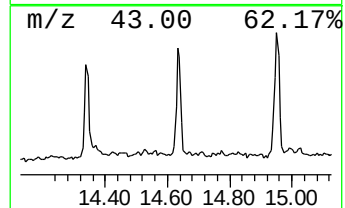
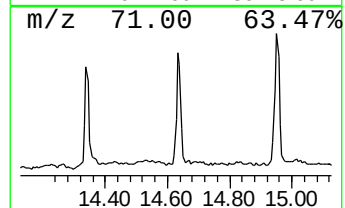
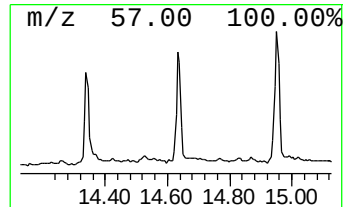
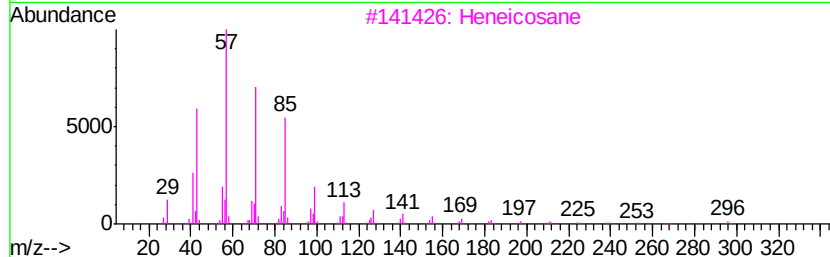
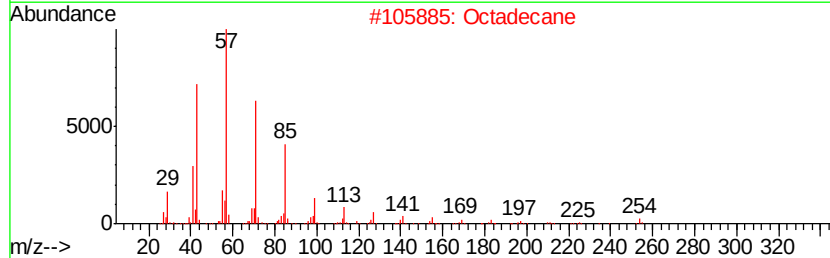
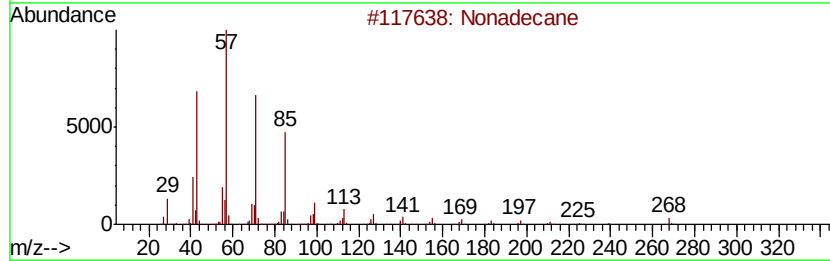
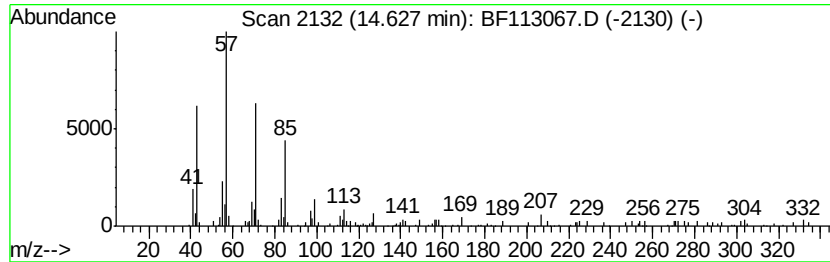
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.65 ng	191734	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Octadecane	254	C18H38	000593-45-3	87
3		Heneicosane	296	C21H44	000629-94-7	86
4		Heptacosane	380	C27H56	000593-49-7	81
5		Octacosane	394	C28H58	000630-02-4	81



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Sample : K1905-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3483

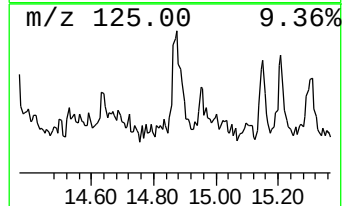
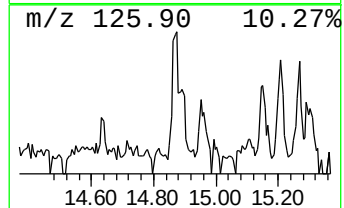
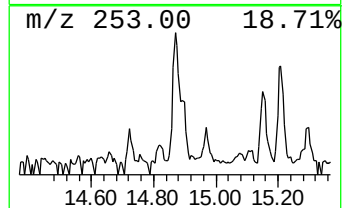
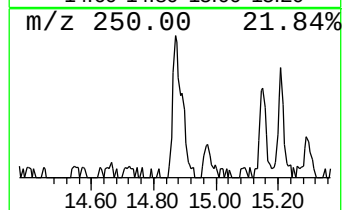
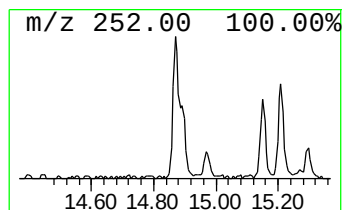
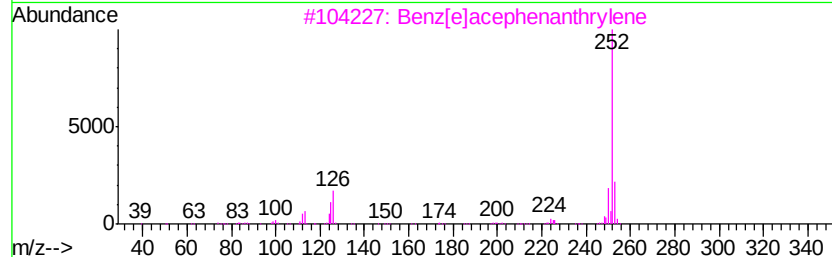
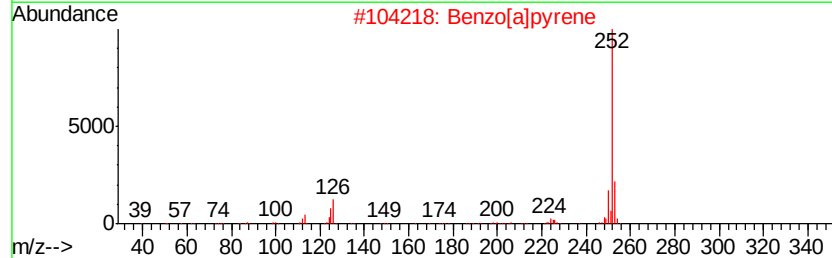
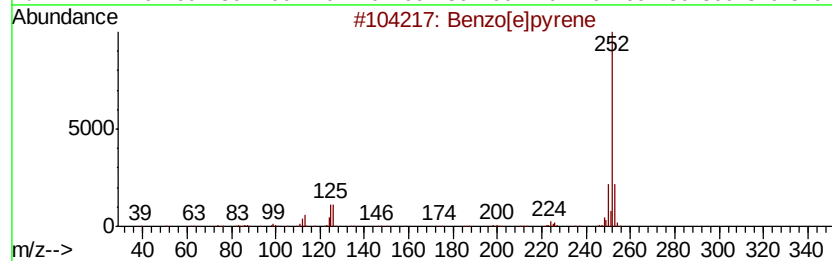
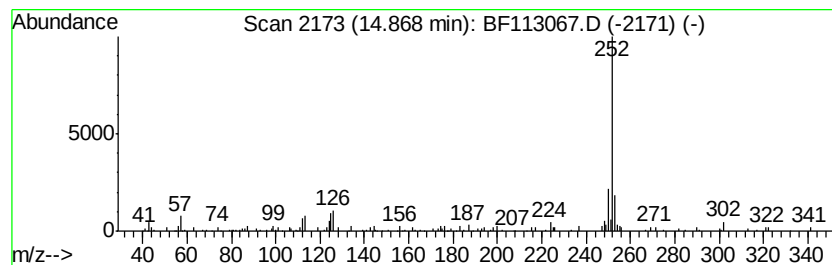
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.03 ng	106584	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[a]pyrene	252	C20H12	000050-32-8	94
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113067.D
 Acq On : 15 Mar 2019 15:53
 Operator : JU/SJ
 Sample : K1905-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3483

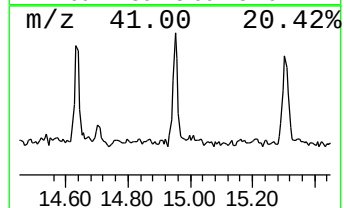
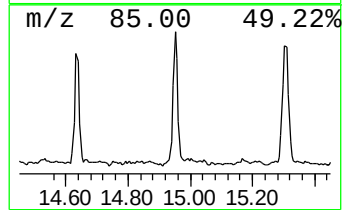
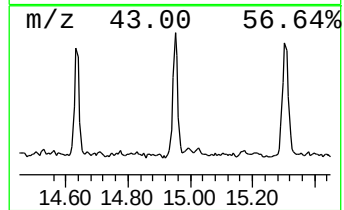
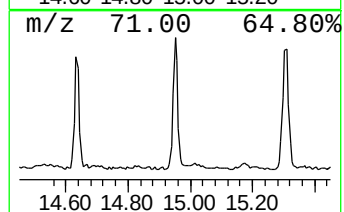
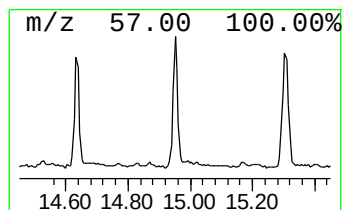
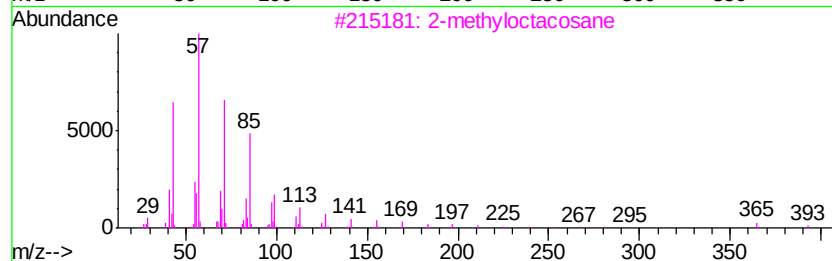
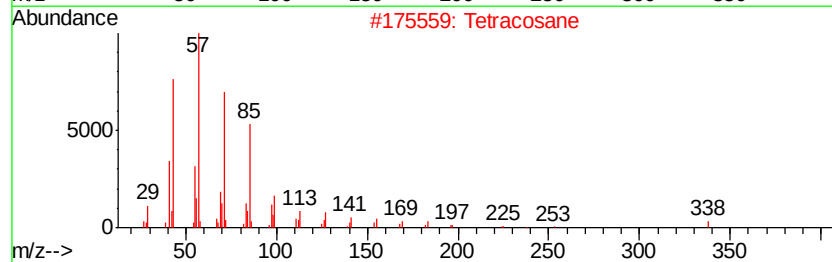
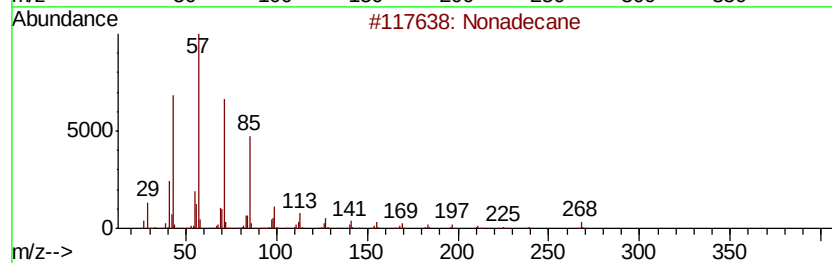
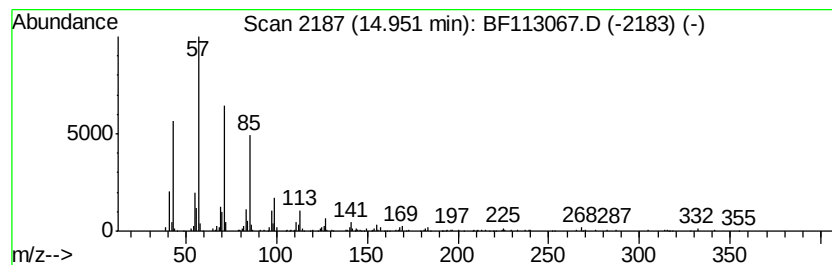
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 unknown14.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.77 ng	250532	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113067.D
Acq On : 15 Mar 2019 15:53
Operator : JU/SJ
Sample : K1905-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3483

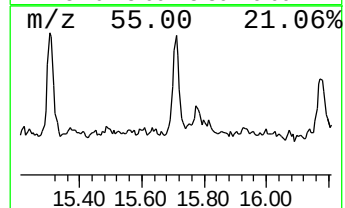
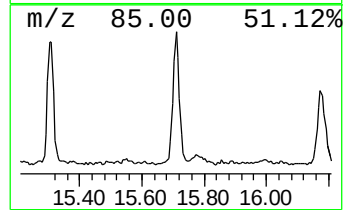
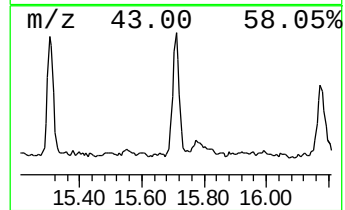
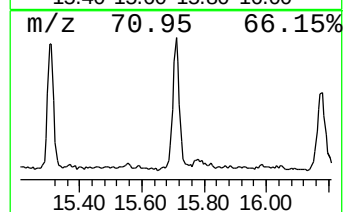
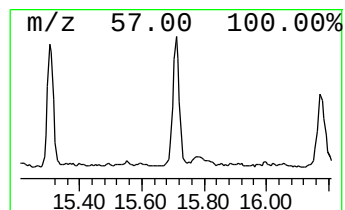
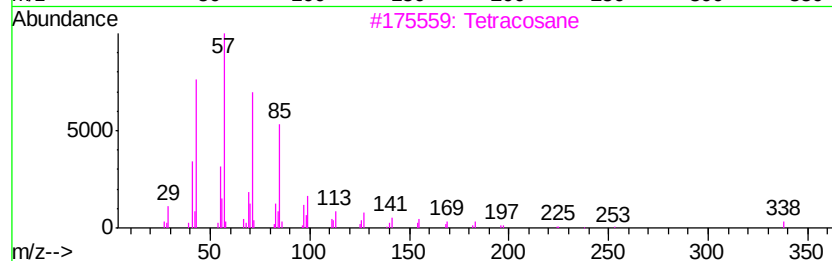
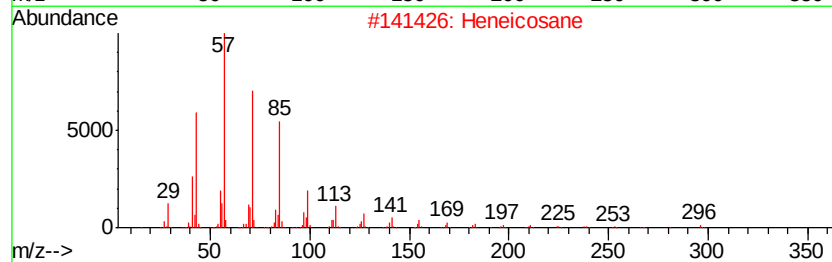
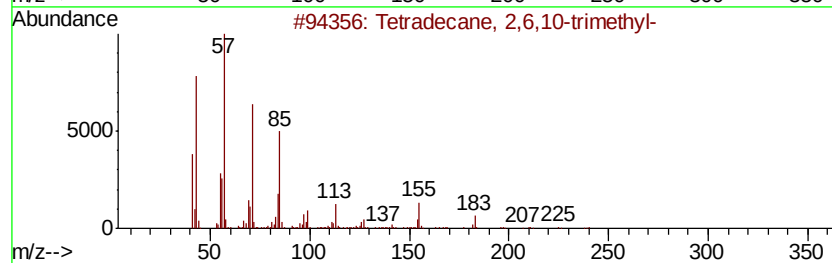
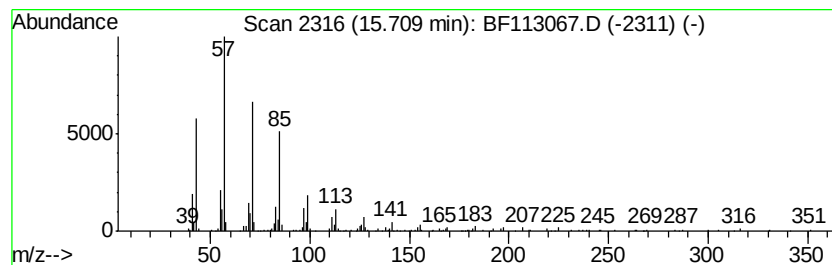
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.67 ng	297805	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113067.D
Acq On : 15 Mar 2019 15:53
Operator : JU/SJ
Sample : K1905-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3483

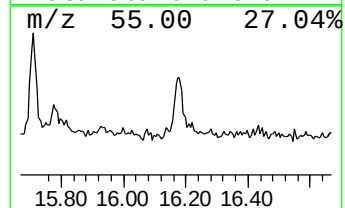
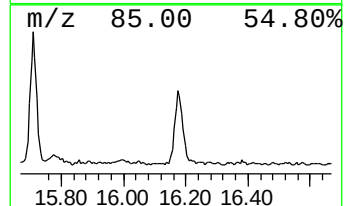
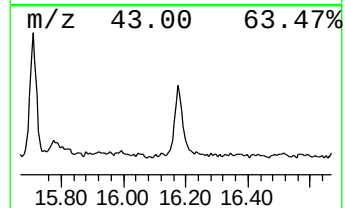
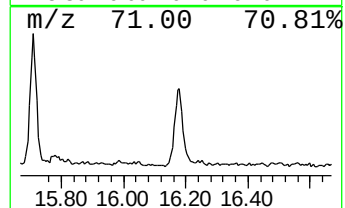
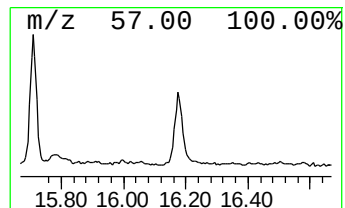
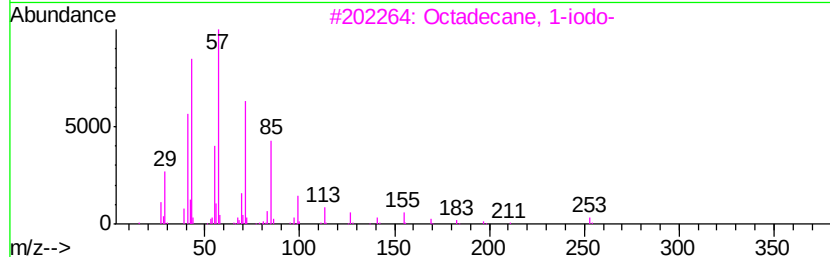
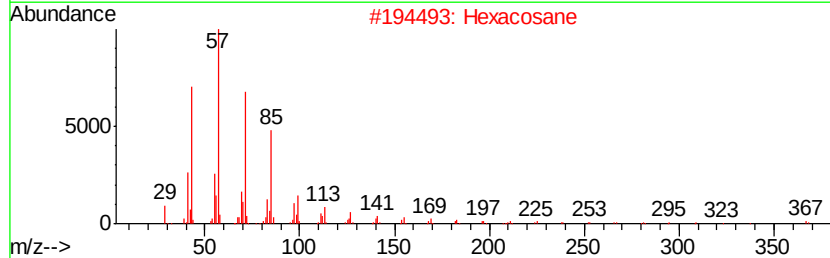
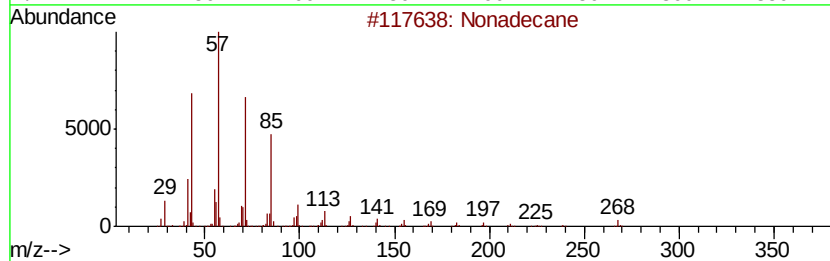
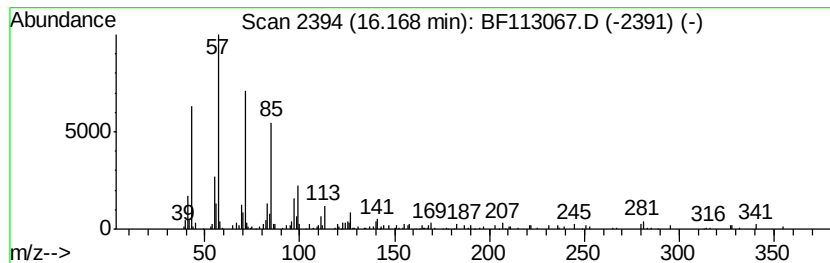
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.17 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	4.75 ng	249667	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Hexacosane	366	C26H54	000630-01-3	87
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4			Octacosane	394	C28H58	000630-02-4	70
5			Tetratetracontane	619	C44H90	007098-22-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113067.D
Acq On : 15 Mar 2019 15:53
Operator : JU/SJ
Sample : K1905-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	93.1	ng	3116720	1	6.73	669565	20.0
n-Hexadecanoic acid	11.77	6.6	ng	372900	4	11.23	1124880	20.0
1-Heneicosanol	13.72	5.9	ng	402077	5	13.86	1357220	20.0
Octadecane	14.34	2.5	ng	166865	5	13.86	1357220	20.0
Nonadecane	14.63	3.6	ng	191734	6	15.27	1050740	20.0
Benzo[e]pyrene	14.87	2.0	ng	106584	6	15.27	1050740	20.0
unknown14.95	14.95	4.8	ng	250532	6	15.27	1050740	20.0
Tetradecane, 2,6,...	15.71	5.7	ng	297805	6	15.27	1050740	20.0
unknown16.17	16.17	4.8	ng	249667	6	15.27	1050740	20.0