

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116287.D
 Acq On : 15 Aug 2019 19:22
 Operator : HP/JU
 Sample : K4356-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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-BF073019.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	5.434	566	569	599	rBV	847277	1271846	87.90%	7.123%
2	6.451	739	742	762	rBV	1058428	1379068	95.31%	7.723%
3	6.587	762	765	786	rVB	1456418	1446874	100.00%	8.103%
4	6.816	802	804	815	rBV	389780	391995	27.09%	2.195%
5	6.969	827	830	848	rBV	975634	1007625	69.64%	5.643%
6	7.381	897	900	931	rBV	701004	872827	60.33%	4.888%
7	8.098	1019	1022	1047	rBV	437957	502853	34.75%	2.816%
8	9.169	1200	1204	1216	rBV	1501155	1308321	90.42%	7.327%
9	9.569	1268	1272	1284	rBV	236240	254595	17.60%	1.426%
10	9.851	1316	1320	1331	rVB	648983	607628	42.00%	3.403%
11	10.639	1451	1454	1470	rBV	900554	966493	66.80%	5.413%
12	10.769	1473	1476	1486	rVB	29236	46882	3.24%	0.263%
13	11.339	1569	1573	1590	rBV	621828	649115	44.86%	3.635%
14	11.857	1658	1661	1672	rBV2	91096	127443	8.81%	0.714%
15	12.410	1752	1755	1761	rVB	32527	29009	2.00%	0.162%
16	12.592	1783	1786	1789	rVB	16738	14759	1.02%	0.083%
17	12.639	1791	1794	1801	rBV2	41732	63074	4.36%	0.353%
18	12.910	1837	1840	1853	rVB	1398707	1347117	93.11%	7.544%
19	13.116	1872	1875	1876	rBV	31041	27756	1.92%	0.155%
20	13.139	1876	1879	1884	rVB	67555	66460	4.59%	0.372%
21	13.474	1932	1936	1943	rBV2	18719	21584	1.49%	0.121%
22	13.598	1954	1957	1960	rVB2	22654	20505	1.42%	0.115%
23	13.798	1988	1991	1999	rBV	389078	525677	36.33%	2.944%
24	13.939	2009	2015	2018	rBV4	10897	16623	1.15%	0.093%
25	13.980	2018	2022	2034	rBV	625290	726203	50.19%	4.067%
26	14.121	2042	2046	2053	rBV	70011	93017	6.43%	0.521%
27	14.245	2064	2067	2071	rBV	43717	37701	2.61%	0.211%
28	14.433	2094	2099	2109	rBV	559042	818460	56.57%	4.584%
29	14.504	2109	2111	2115	rVB	33363	33021	2.28%	0.185%
30	14.721	2145	2148	2151	rBV	189884	189144	13.07%	1.059%
31	14.798	2158	2161	2166	rVB	99277	94246	6.51%	0.528%
32	14.868	2169	2173	2177	rVB	35561	40617	2.81%	0.227%
33	15.051	2199	2204	2207	rBV	281580	331765	22.93%	1.858%
34	15.080	2207	2209	2225	rVB2	126879	242158	16.74%	1.356%

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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

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Peak separation: 5

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35	15.433	2262	2269	2286	rVB2	517894	1070248	73.97%	5.994%
36	15.615	2297	2300	2303	rBV3	11426	15911	1.10%	0.089%
37	15.839	2333	2338	2344	rBV	216101	314276	21.72%	1.760%
38	15.898	2344	2348	2355	rVV7	24269	49315	3.41%	0.276%
39	16.327	2415	2421	2429	rBV	110074	200330	13.85%	1.122%
40	16.898	2512	2518	2523	rBV2	34400	66450	4.59%	0.372%
41	17.404	2599	2604	2608	rBV6	20476	45560	3.15%	0.255%
42	17.474	2610	2616	2628	rVV6	76597	193008	13.34%	1.081%
43	17.727	2652	2659	2665	rBV8	34680	95957	6.63%	0.537%
44	17.939	2688	2695	2704	rVB5	58846	142849	9.87%	0.800%
45	18.180	2730	2736	2746	rVB9	30449	89747	6.20%	0.503%

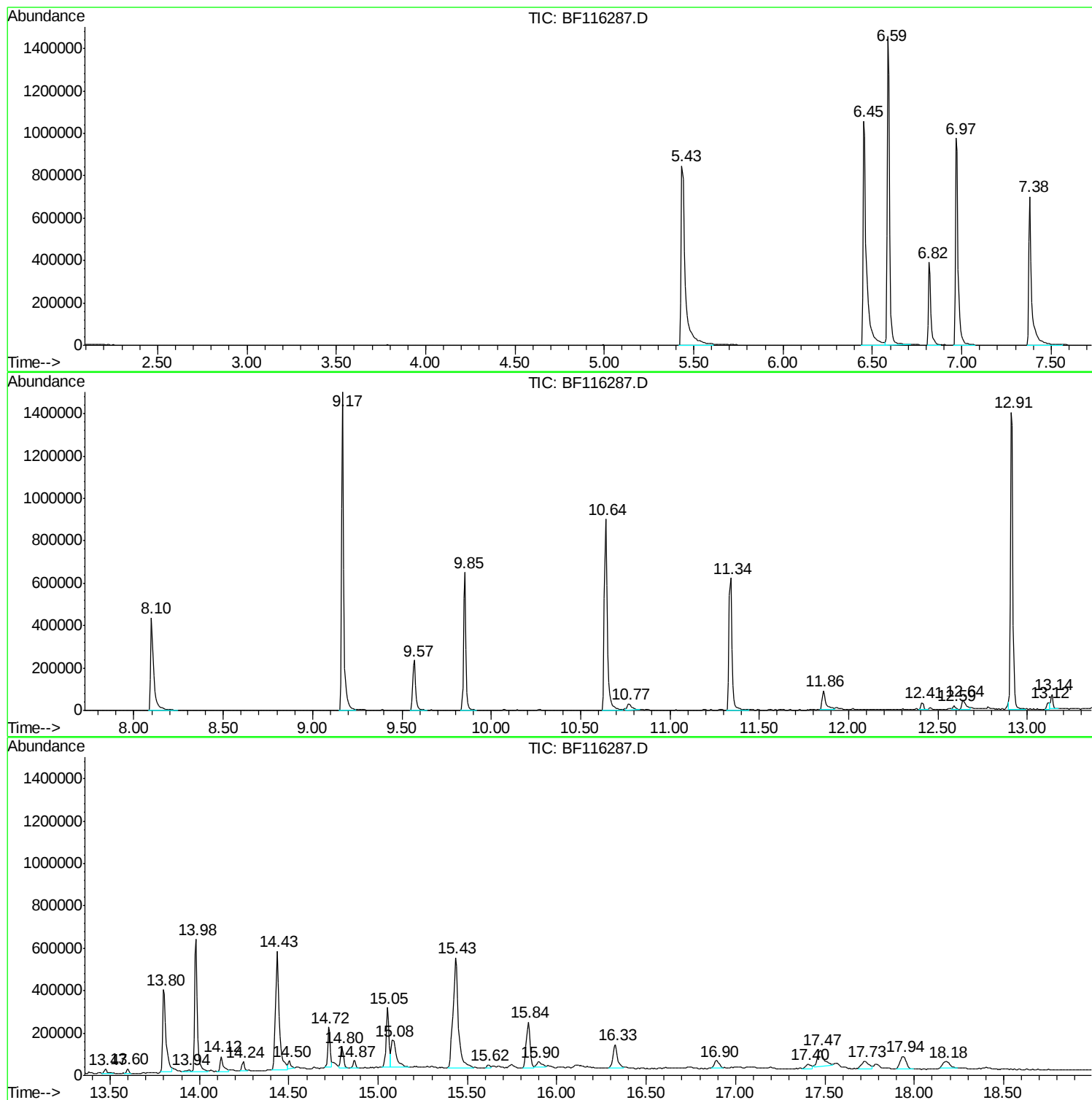
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

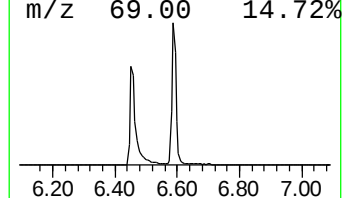
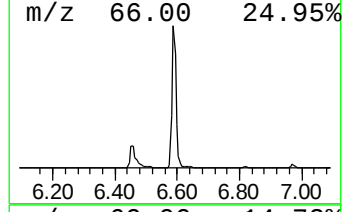
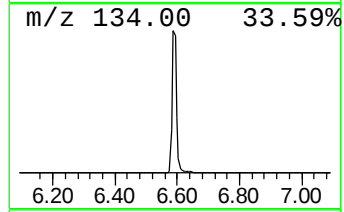
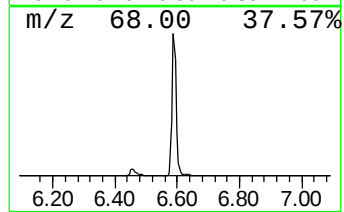
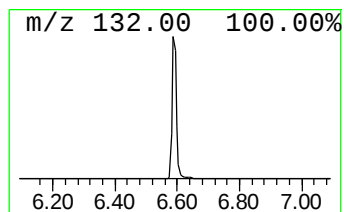
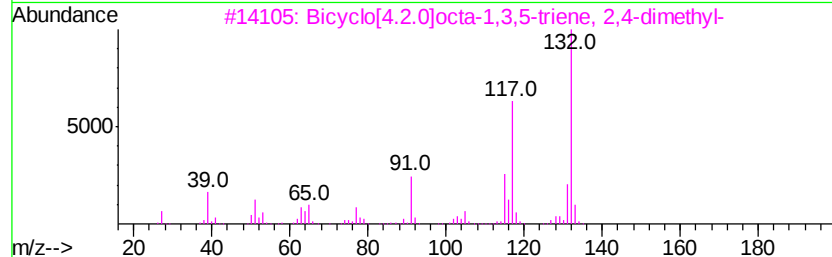
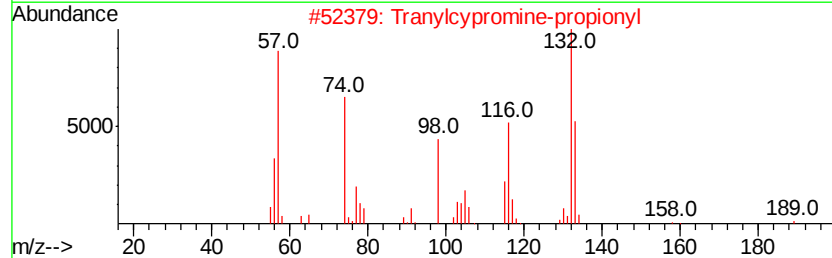
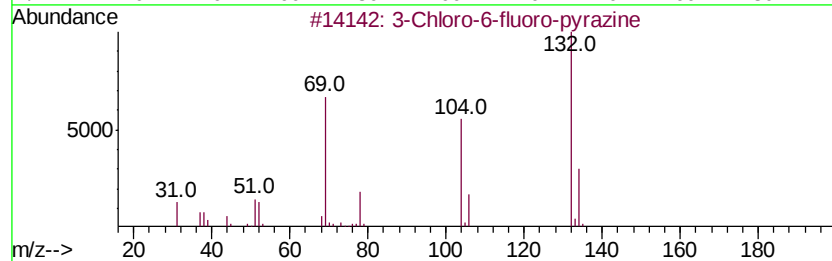
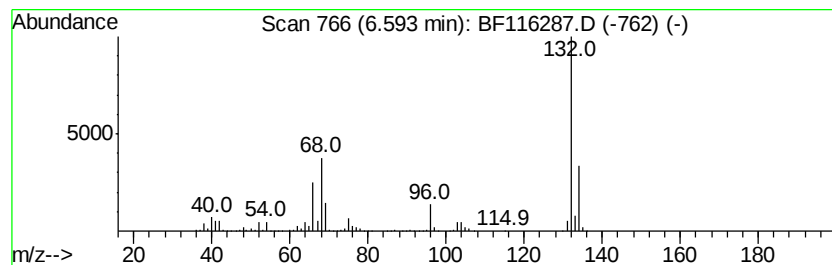
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	73.82 ng	1446870	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Xenon	132	Xe	007440-63-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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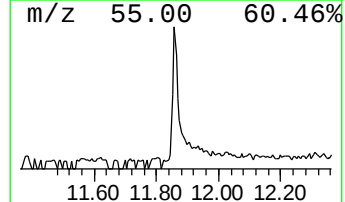
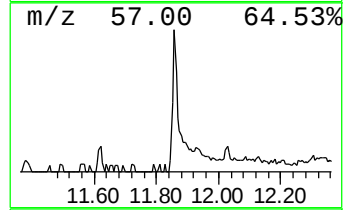
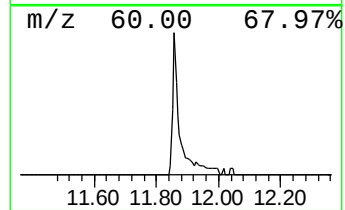
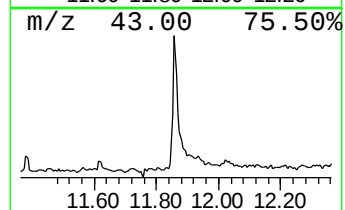
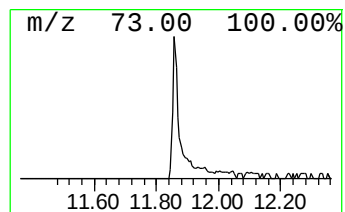
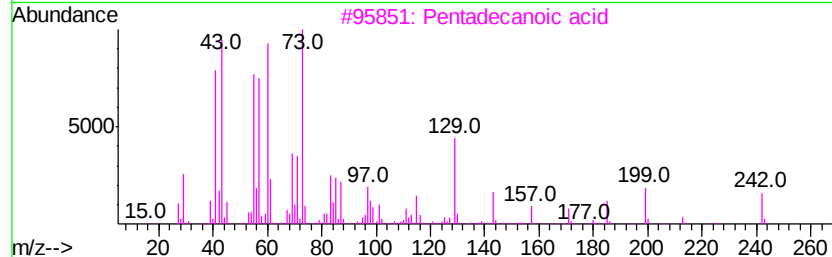
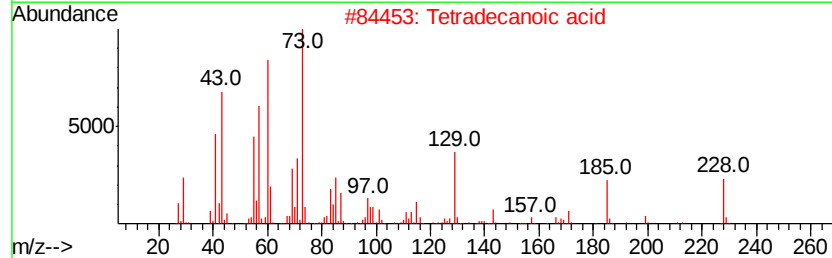
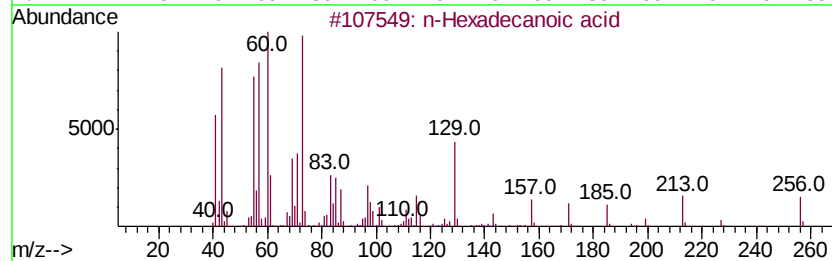
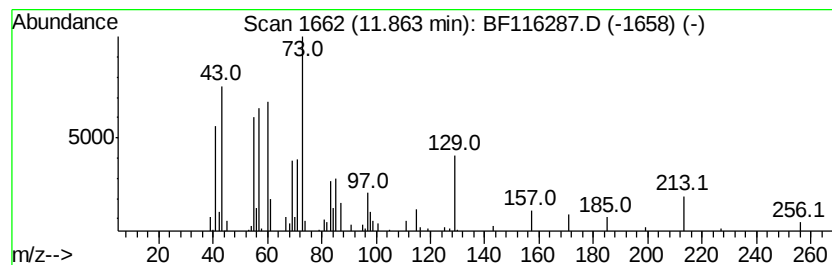
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	3.93 ng	127443	Phenanthrene-d10	11.34	
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	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	18



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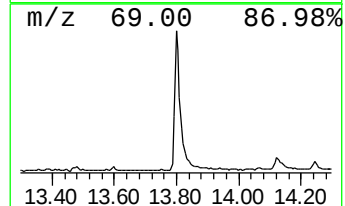
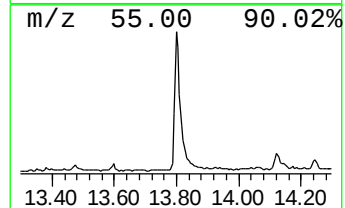
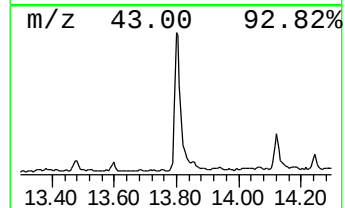
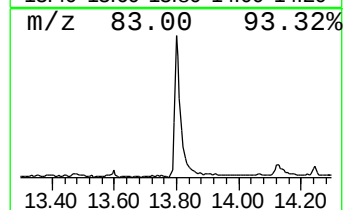
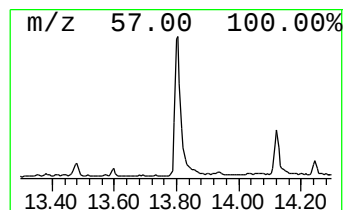
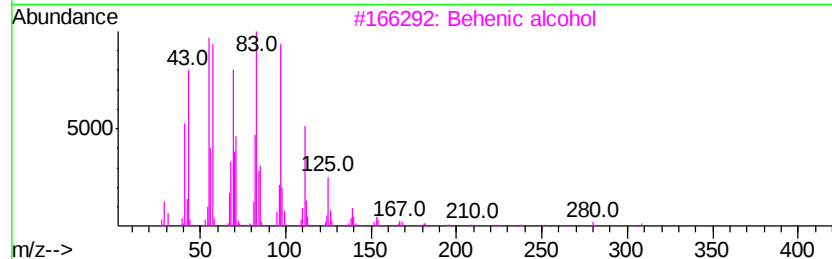
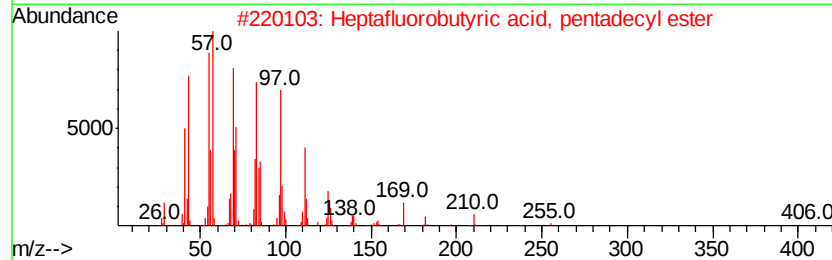
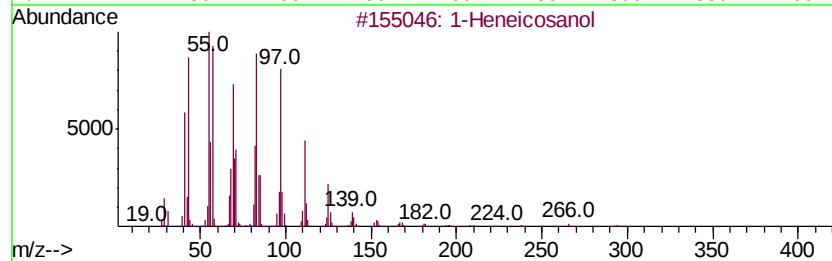
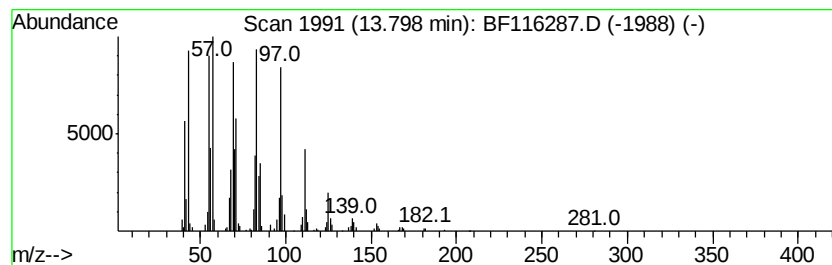
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.80	14.48 ng	525677	Chrysene-d12	13.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93



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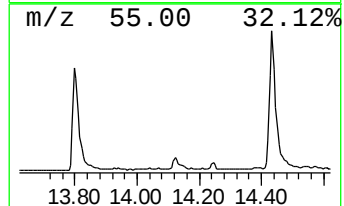
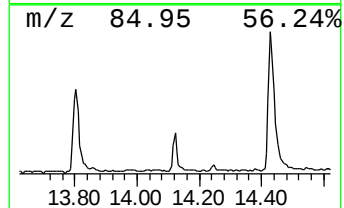
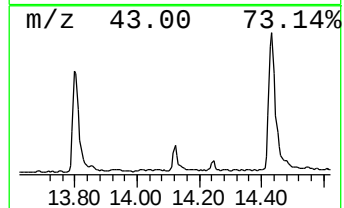
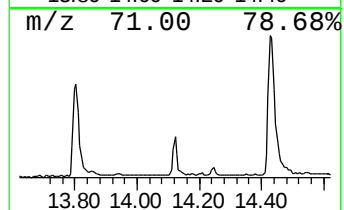
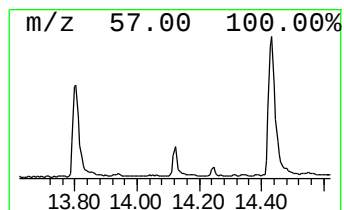
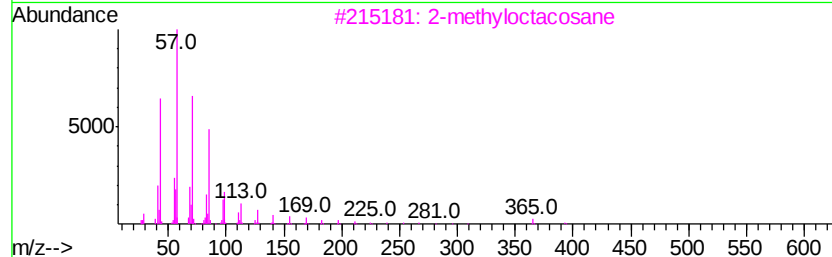
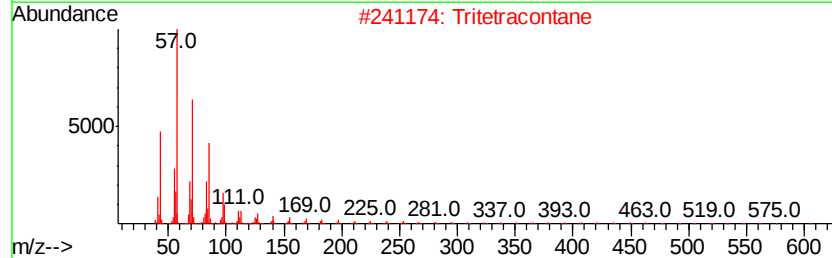
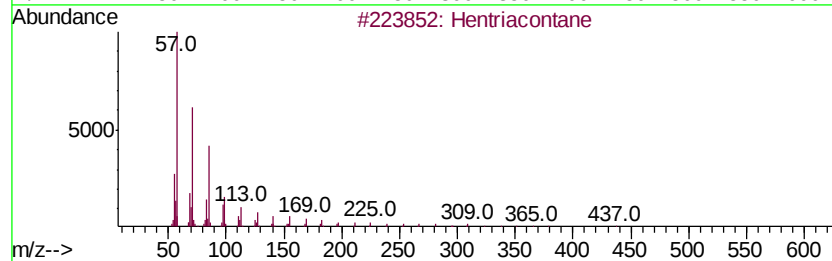
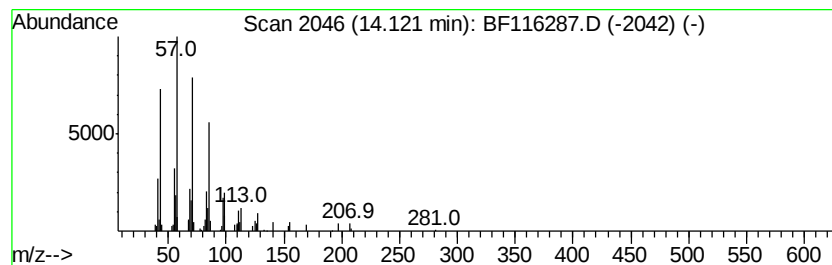
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.56 ng	93017	Chrysene-d12	13.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Tritetracontane		605	C43H88	007098-21-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Tetratetracontane		619	C44H90	007098-22-8	91
5	Hexacosane		366	C26H54	000630-01-3	90



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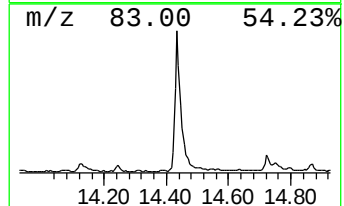
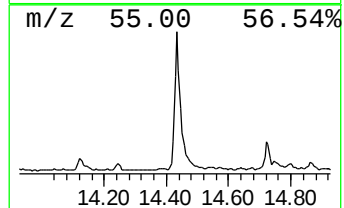
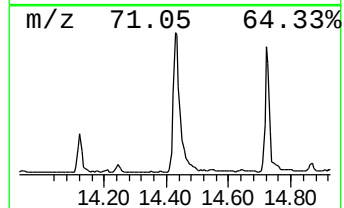
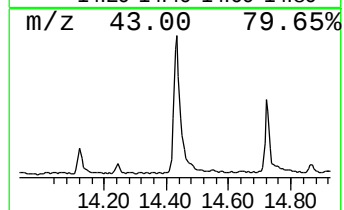
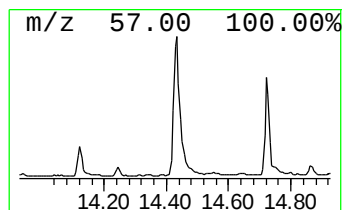
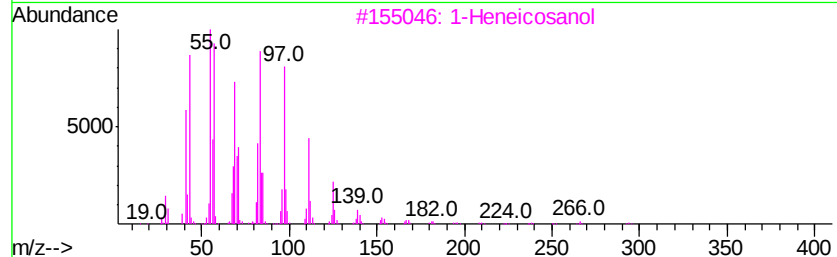
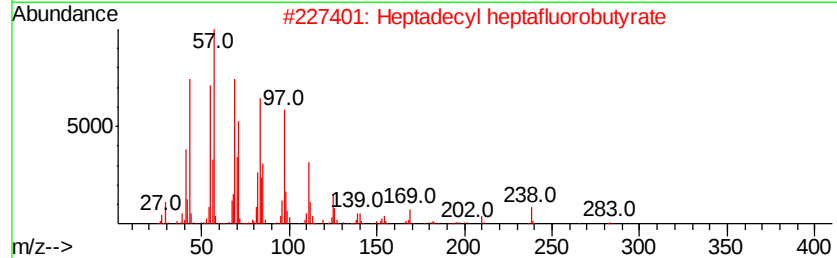
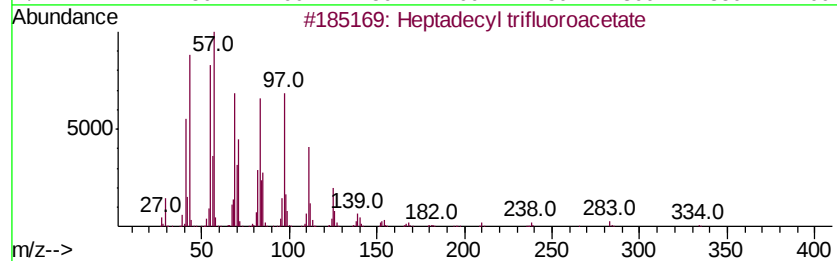
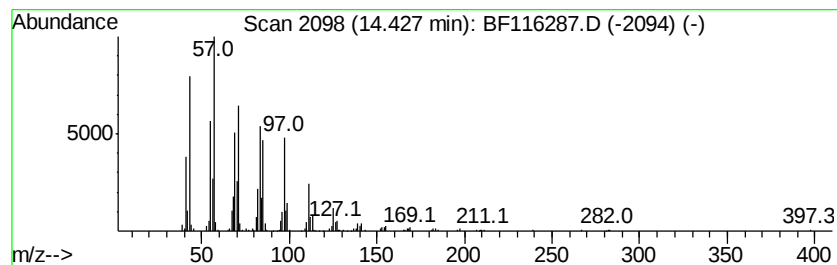
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	22.54 ng	818460	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116287.D
Acq On : 15 Aug 2019 19:22
Operator : HP/JU
Sample : K4356-13
Misc :
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Instrument :
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ClientSampleId :
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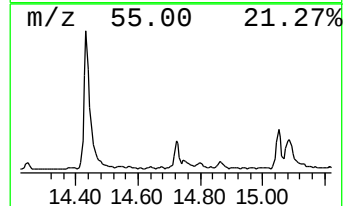
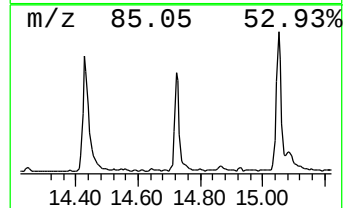
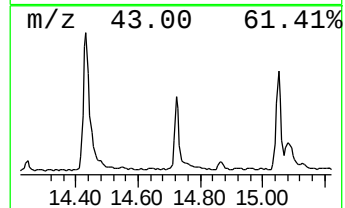
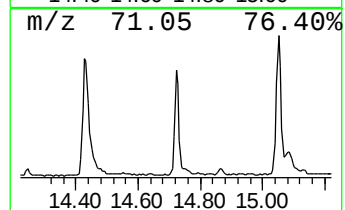
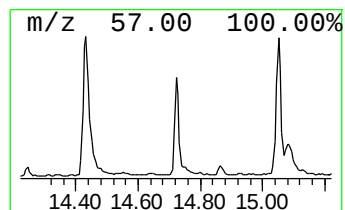
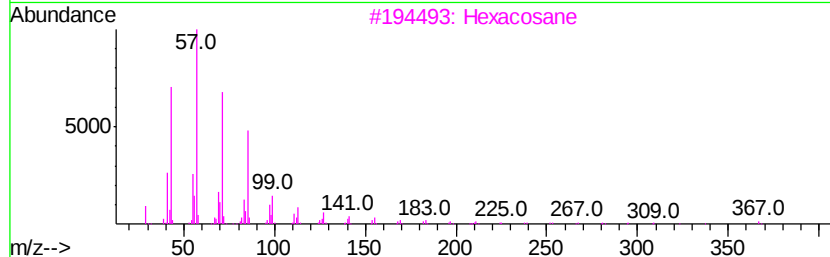
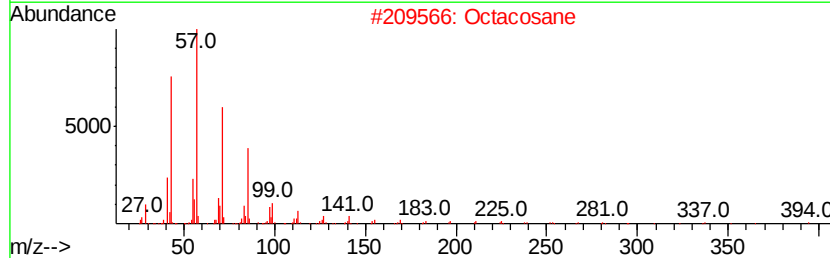
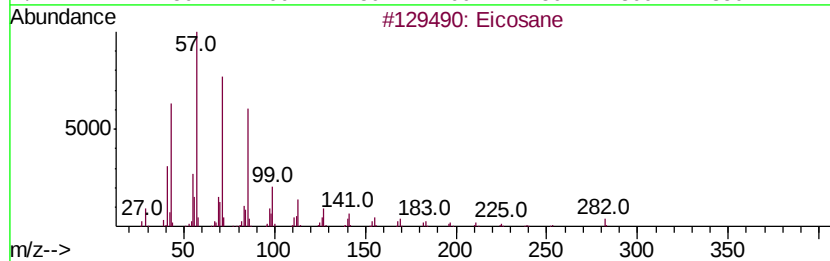
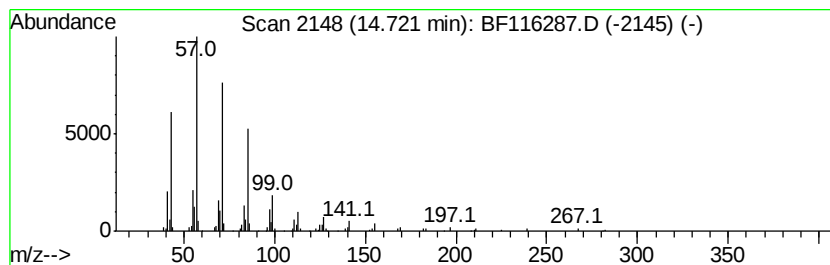
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.53 ng	189144	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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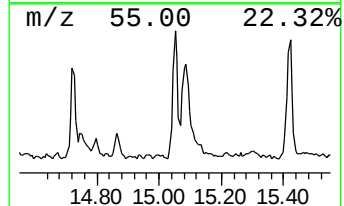
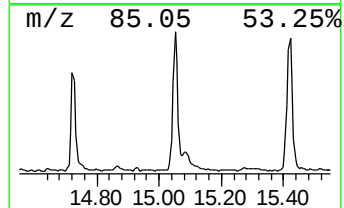
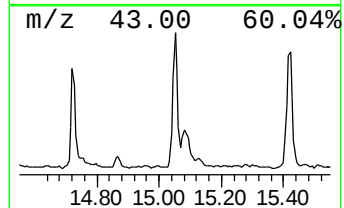
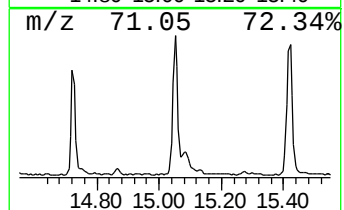
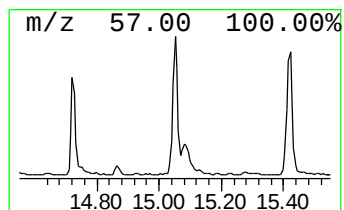
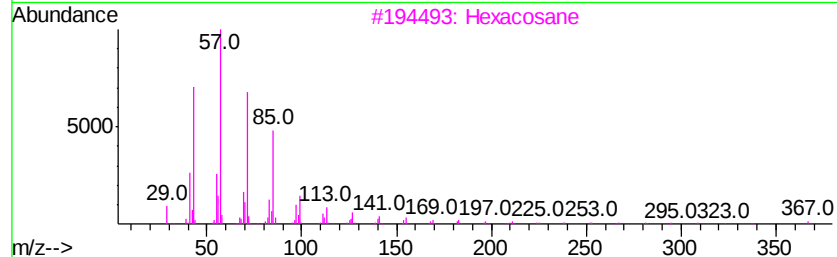
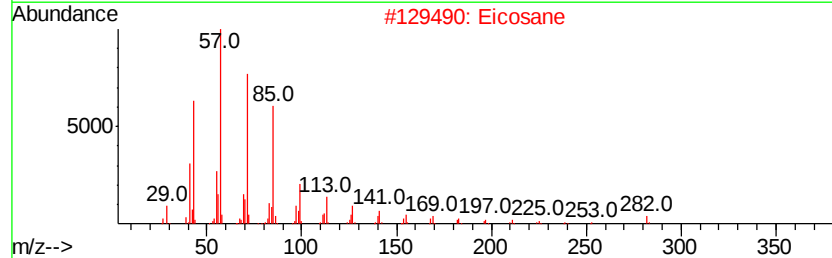
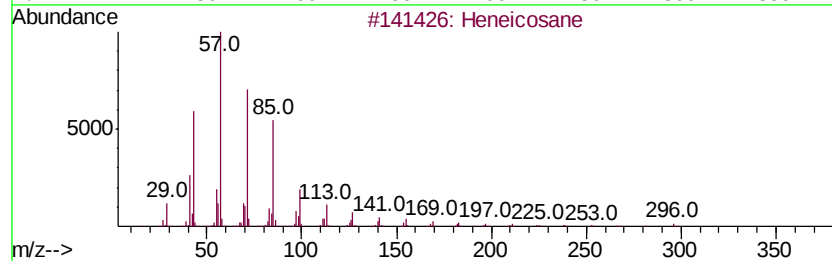
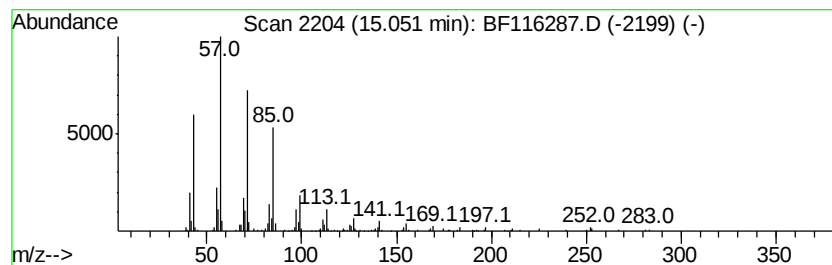
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	6.20 ng	331765	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90



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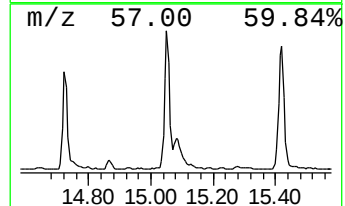
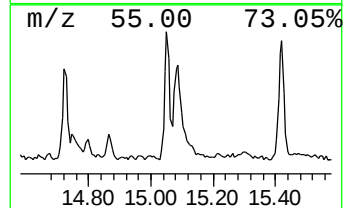
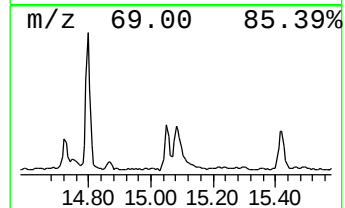
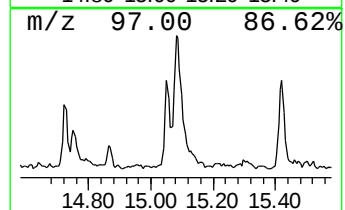
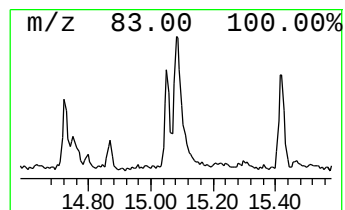
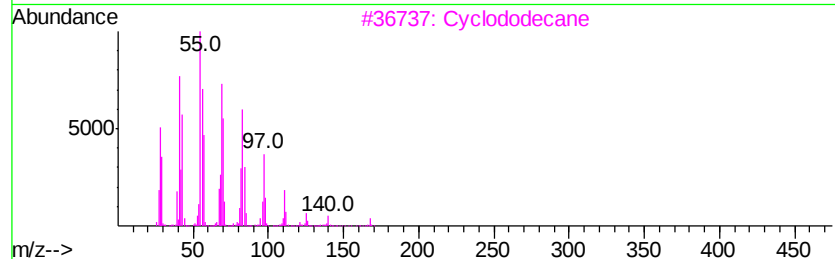
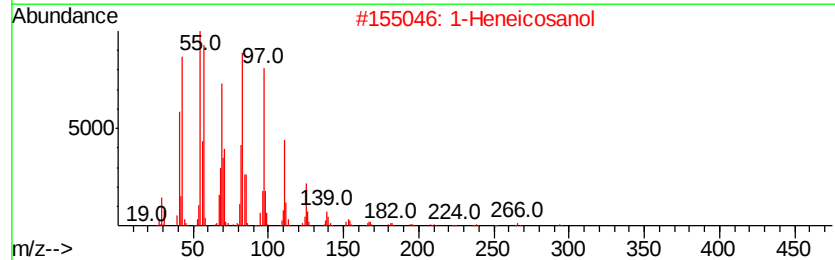
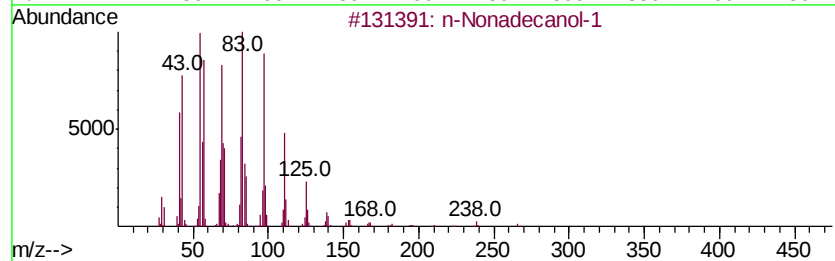
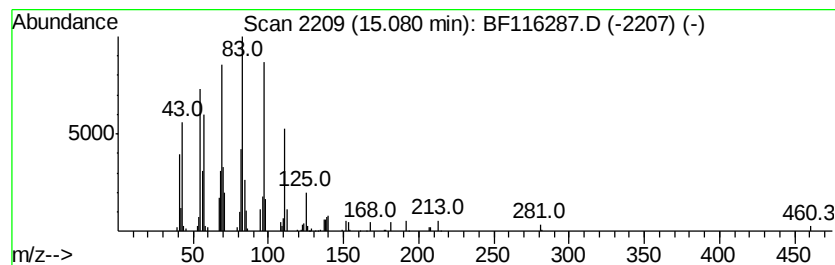
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Nonadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.53 ng	242158	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	87
2	1-Heneicosanol	312 C21H44O	015594-90-8	64
3	Cyclododecane	168 C12H24	000294-62-2	62
4	Octacosanol	410 C28H58O	000557-61-9	58
5	Acetic acid n-octadecyl ester	312 C20H40O2	000822-23-1	58



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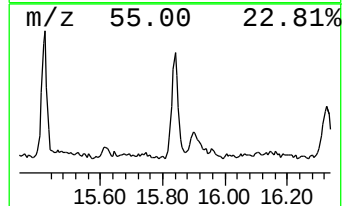
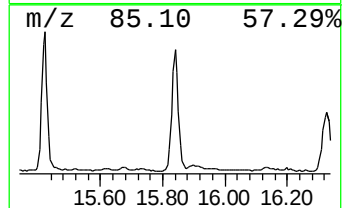
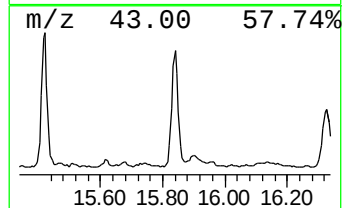
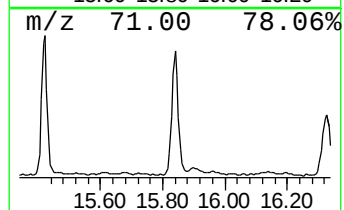
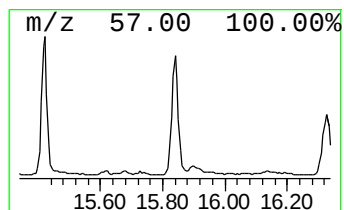
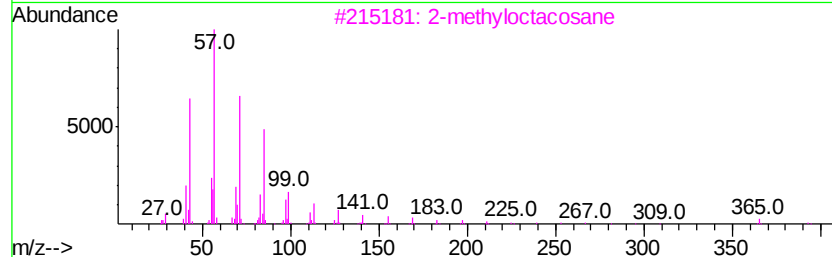
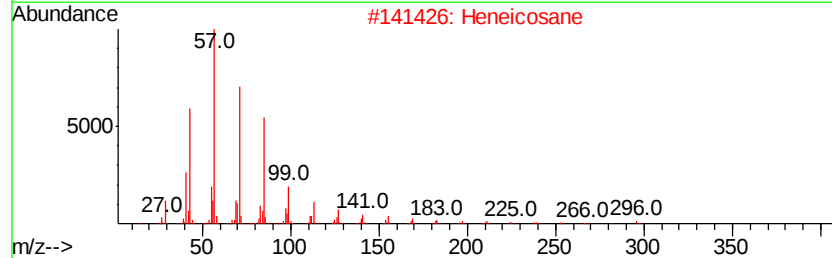
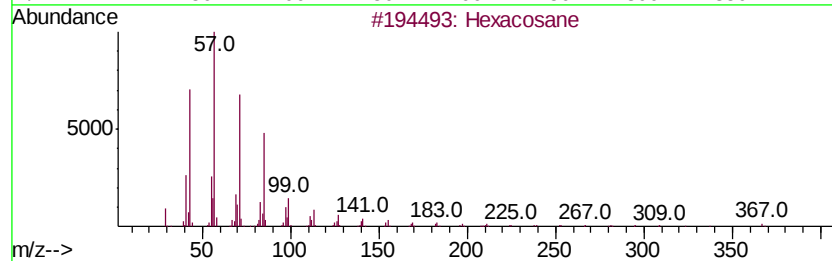
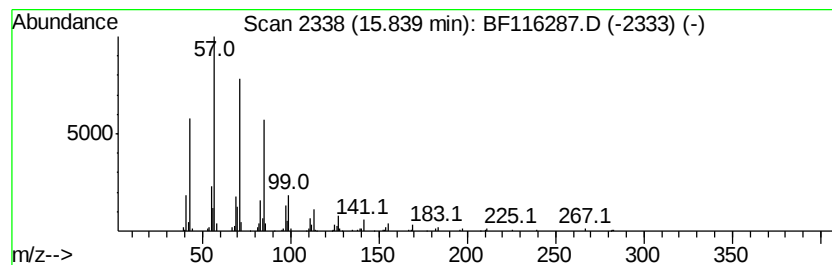
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	5.87 ng	314276	Perylene-d12	15.44

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		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
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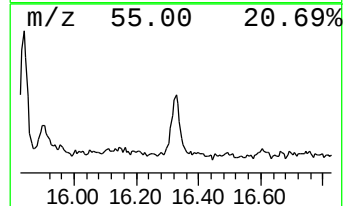
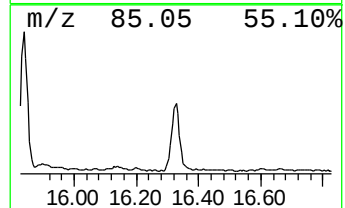
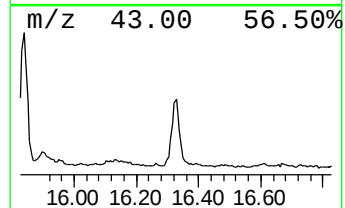
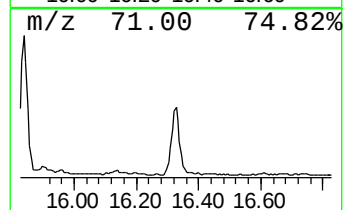
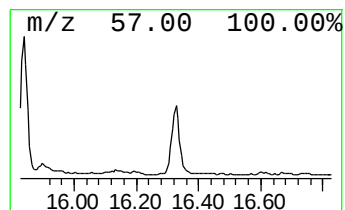
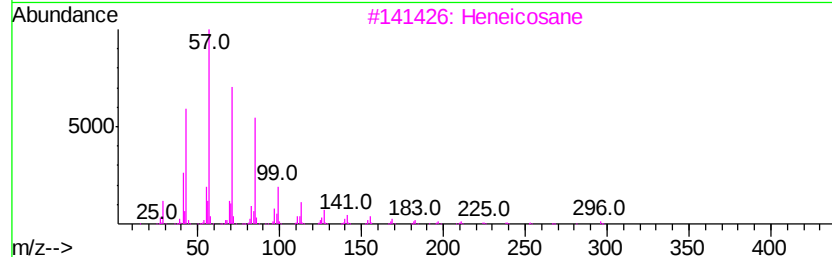
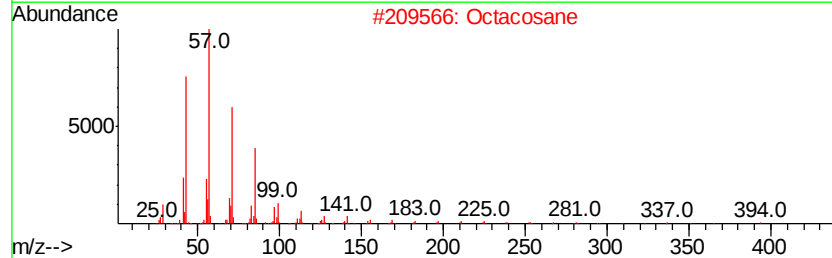
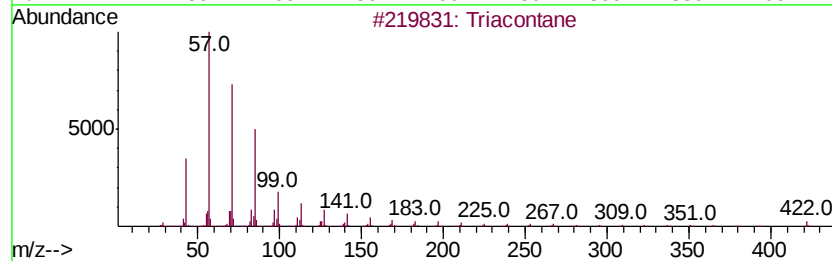
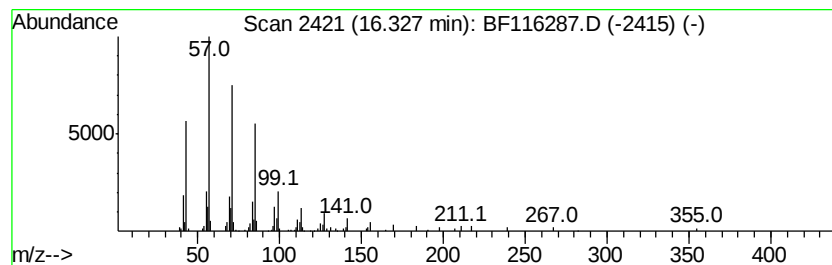
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.74 ng	200330	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Eicosane	282	C20H42	000112-95-8	91



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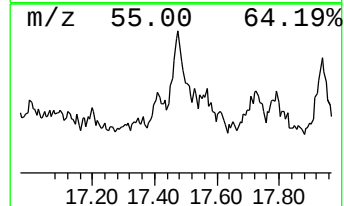
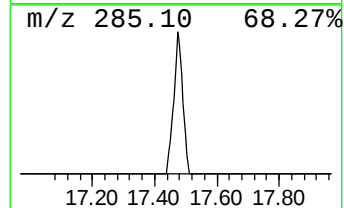
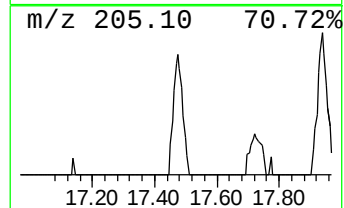
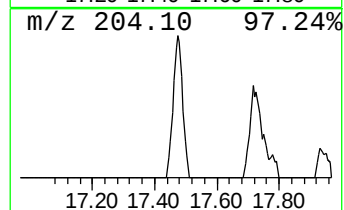
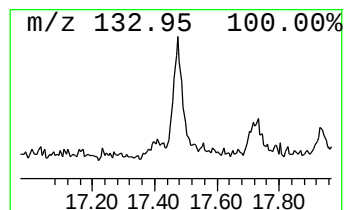
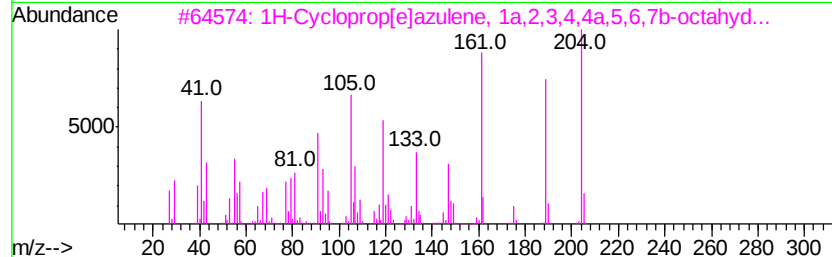
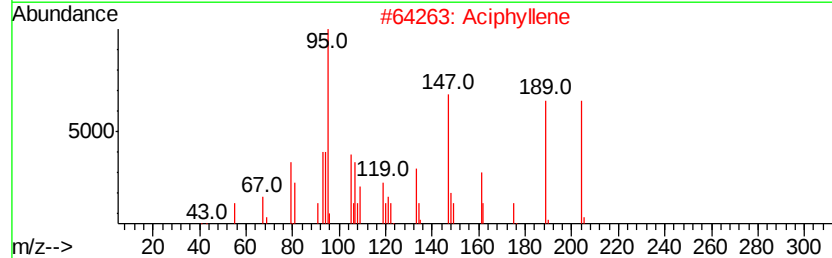
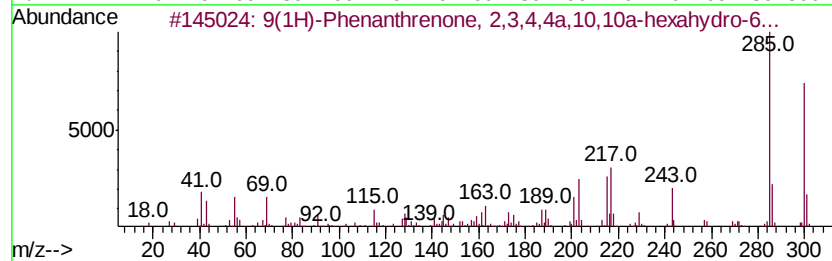
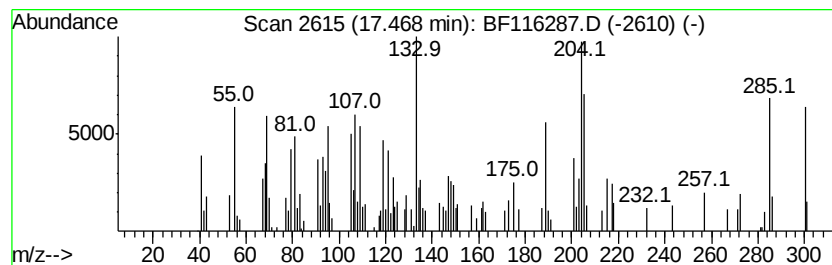
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	3.61 ng	193008	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	53
2			Aciphyllene	204	C15H24	087745-31-1	41
3			1H-Cycloprop[elazulene, 1a,2,3,4...	204	C15H24	000489-40-7	38
4			Himachala-2,4-diene	204	C15H24	060909-27-5	38
5			Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
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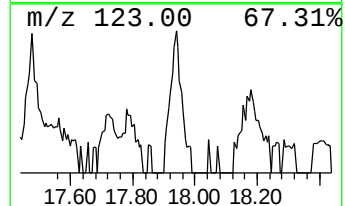
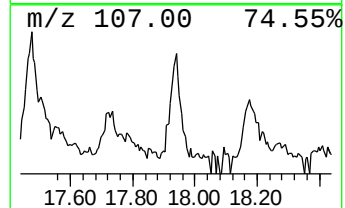
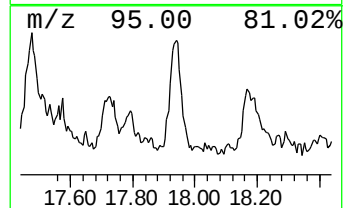
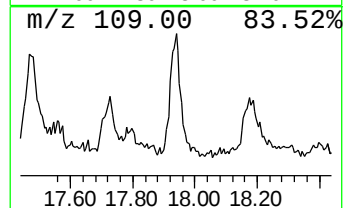
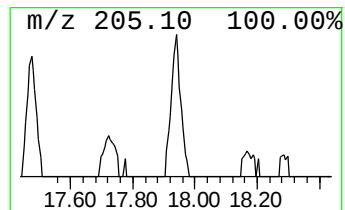
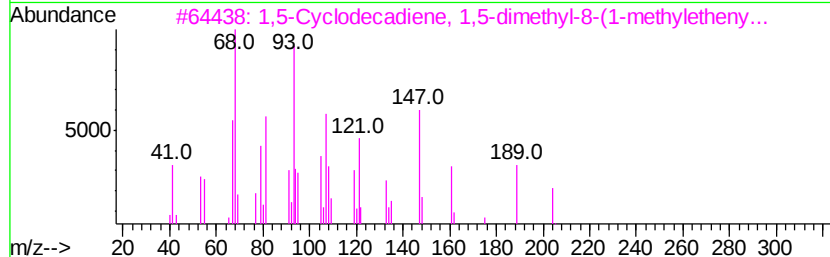
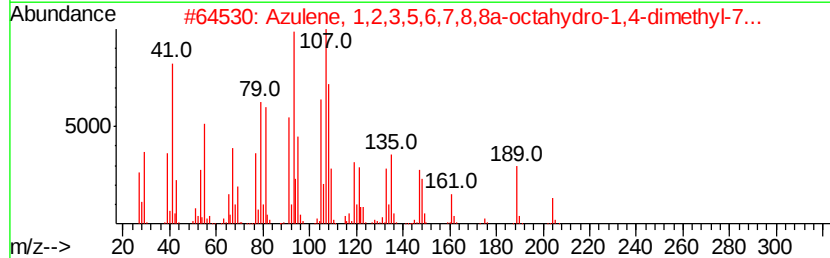
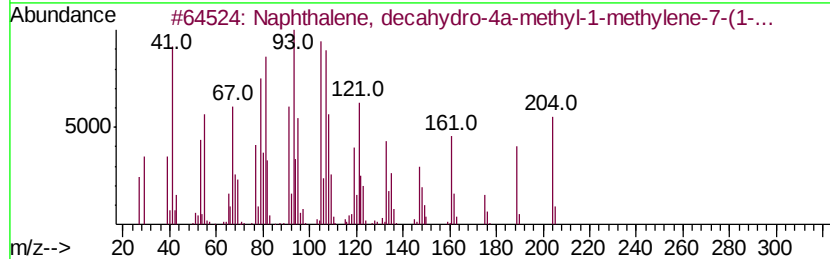
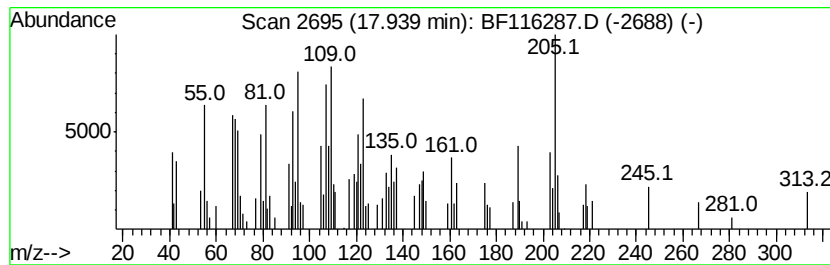
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, decahydro-4a-m... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.67 ng	142849	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	56
2		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	43
3		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	075023-40-4	41
4		.alpha.-Bulnesene	204	C15H24	1000374-19-9	38
5		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
Data File : BF116287.D
Acq On : 15 Aug 2019 19:22
Operator : HP/JU
Sample : K4356-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.59	6.59	73.8	ng	1446870	1	6.82	391995	20.0
n-Hexadecanoic acid	11.86	3.9	ng	127443	4	11.34	649115	20.0
1-Heneicosanol	13.80	14.5	ng	525677	5	13.98	726203	20.0
Hentriacontane	14.12	2.6	ng	93017	5	13.98	726203	20.0
Heptadecyl triflu...	14.43	22.5	ng	818460	5	13.98	726203	20.0
Eicosane	14.72	3.5	ng	189144	6	15.44	1070250	20.0
Heptadecane, 9-oc...	15.05	6.2	ng	331765	6	15.44	1070250	20.0
n-Nonadecanol-1	15.08	4.5	ng	242158	6	15.44	1070250	20.0
2-methyloctacosane	15.84	5.9	ng	314276	6	15.44	1070250	20.0
Triacontane	16.33	3.7	ng	200330	6	15.44	1070250	20.0
9(1H)-Phenanthren...	17.47	3.6	ng	193008	6	15.44	1070250	20.0
Naphthalene, deca...	17.94	2.7	ng	142849	6	15.44	1070250	20.0