

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114390.D
 Acq On : 18 May 2019 14:52
 Operator : JU/SJ
 Sample : K2905-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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	2.116	3	5	27	rVB	978314	1159411	22.62%	2.285%
2	2.263	27	30	45	rVB	104644	205619	4.01%	0.405%
3	5.063	503	506	513	rBV	40918	59265	1.16%	0.117%
4	5.469	571	575	598	rBV	4323560	4459015	87.01%	8.786%
5	6.481	743	747	765	rBV	4620346	4754464	92.78%	9.368%
6	6.610	765	769	779	rVB	4972758	4544925	88.69%	8.955%
7	6.834	804	807	816	rBV	1533399	1297048	25.31%	2.556%
8	6.992	830	834	848	rBV	3655393	3361797	65.60%	6.624%
9	7.398	898	903	917	rBV	3025826	3030978	59.15%	5.972%
10	8.116	1021	1025	1044	rBV	1731194	1687588	32.93%	3.325%
11	9.186	1203	1207	1218	rBV	5446968	5059944	98.74%	9.970%
12	9.580	1270	1274	1284	rBV	760250	727499	14.20%	1.433%
13	9.869	1319	1323	1338	rVB	1925176	1897763	37.03%	3.739%
14	10.657	1453	1457	1469	rBV	3165748	3189372	62.24%	6.284%
15	11.351	1571	1575	1586	rBV	2146551	2107259	41.12%	4.152%
16	11.874	1660	1664	1673	rBV2	332430	406501	7.93%	0.801%
17	12.657	1794	1797	1807	rBV	82901	129647	2.53%	0.255%
18	12.933	1839	1844	1852	rBV	5302996	5124573	100.00%	10.098%
19	13.157	1876	1882	1889	rVB5	37964	67772	1.32%	0.134%
20	13.498	1935	1940	1942	rBV2	49833	55930	1.09%	0.110%
21	13.821	1991	1995	2009	rBV	708581	1144370	22.33%	2.255%
22	13.992	2020	2024	2033	rVB	1861694	1886141	36.81%	3.716%
23	14.145	2046	2050	2059	rBV	100403	110358	2.15%	0.217%
24	14.451	2099	2102	2105	rBV	159407	169415	3.31%	0.334%
25	14.757	2150	2154	2158	rBV	237021	241881	4.72%	0.477%
26	15.092	2207	2211	2216	rBV	335842	373933	7.30%	0.737%
27	15.468	2269	2275	2291	rBV	1583009	2259766	44.10%	4.453%
28	15.892	2342	2347	2353	rBV	361475	574250	11.21%	1.132%
29	15.962	2354	2359	2365	rBV6	54672	148055	2.89%	0.292%
30	16.392	2426	2432	2448	rVB2	182945	401333	7.83%	0.791%
31	16.968	2526	2530	2538	rVB3	59425	114890	2.24%	0.226%

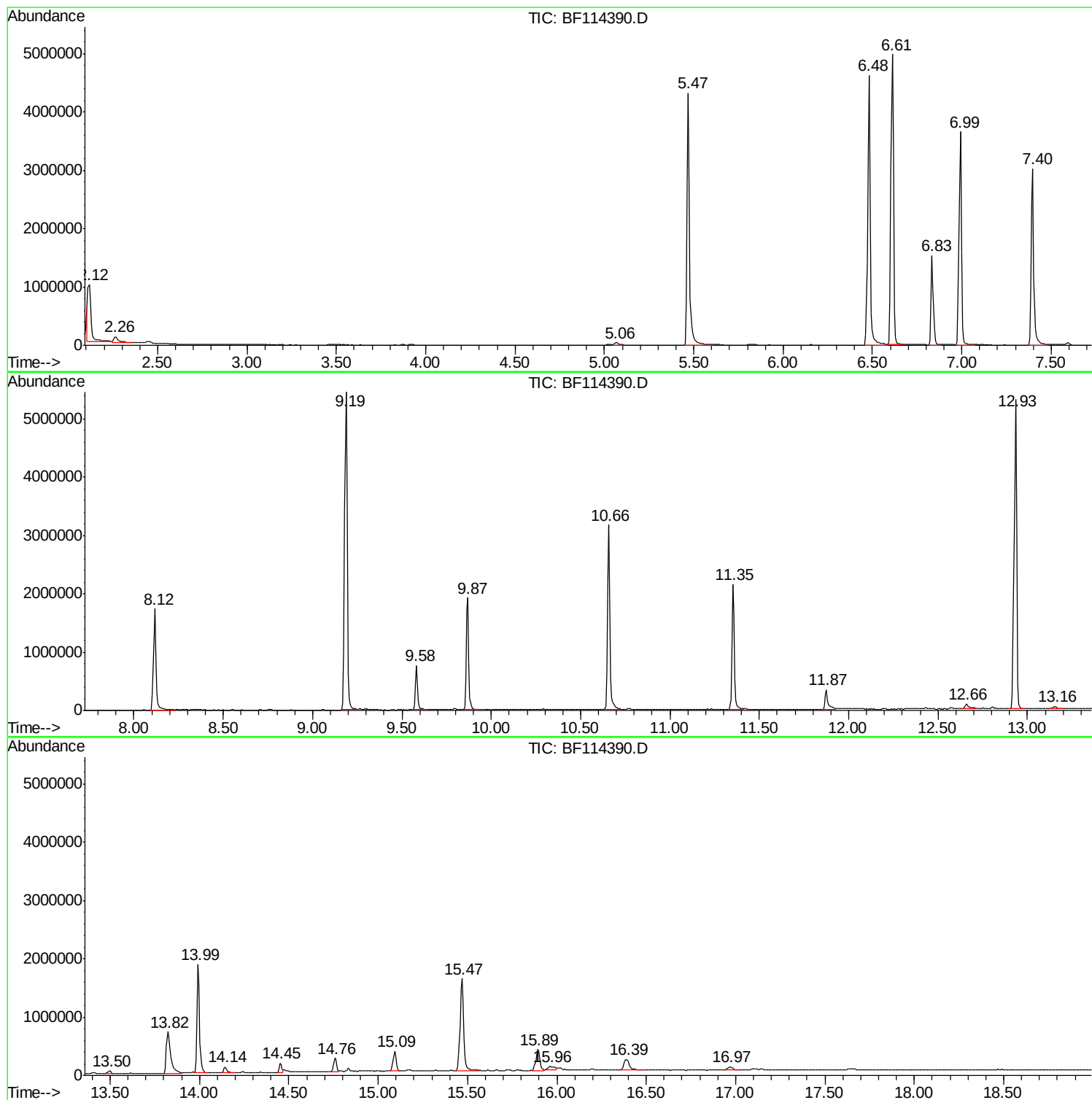
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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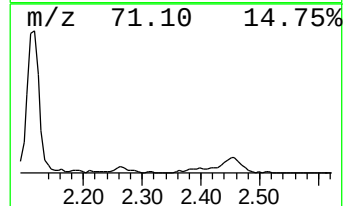
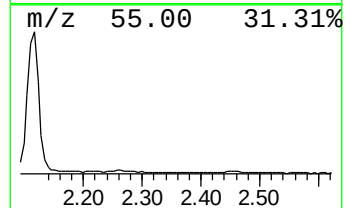
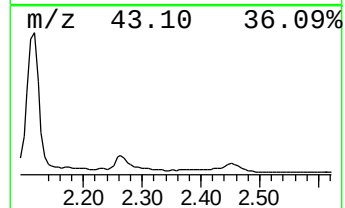
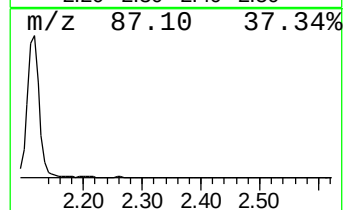
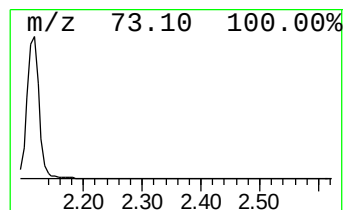
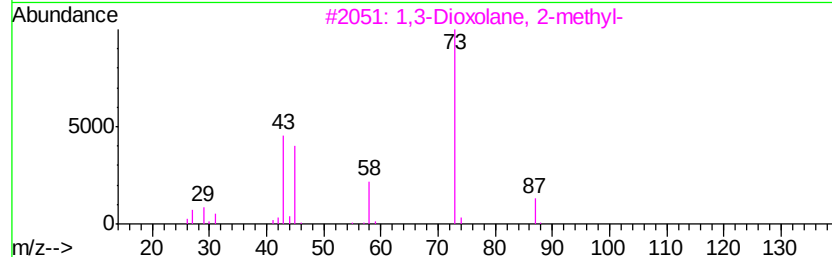
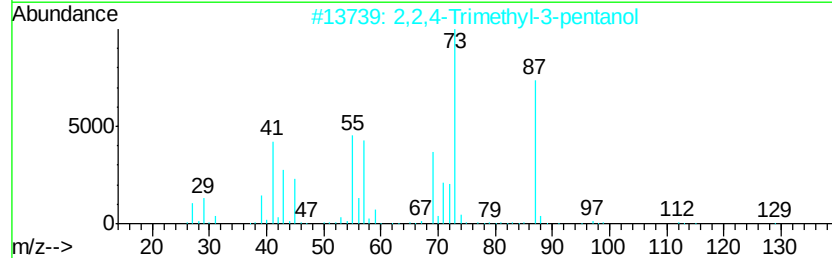
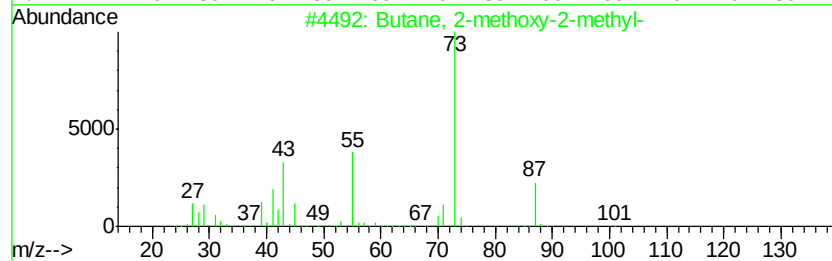
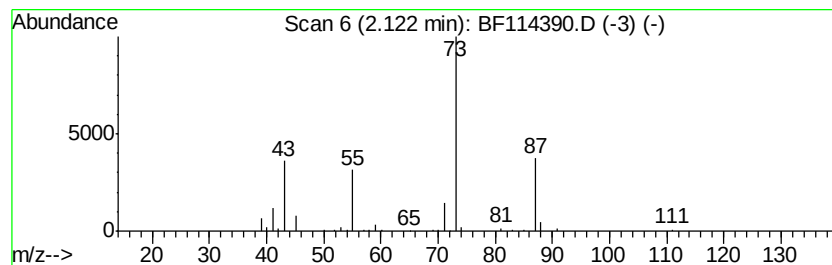
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	17.88 ng	1159410	1,4-Dichlorobenzene-d4	6.83

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	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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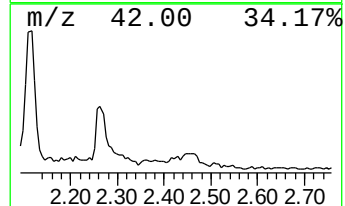
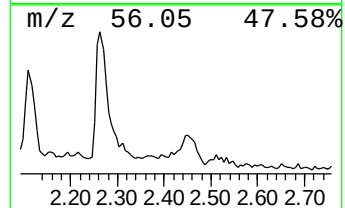
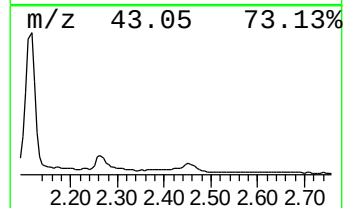
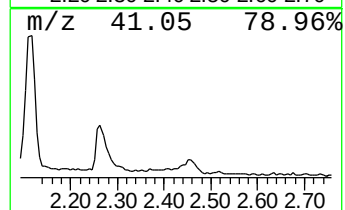
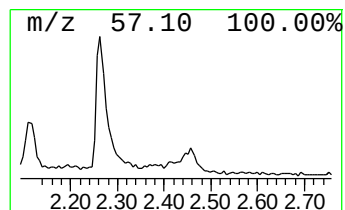
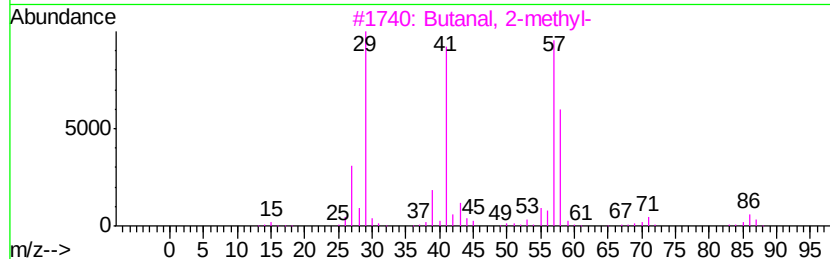
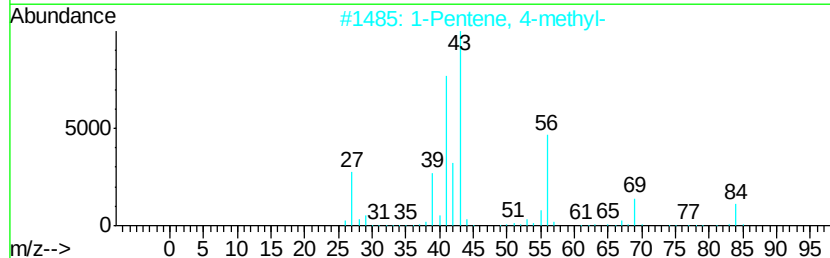
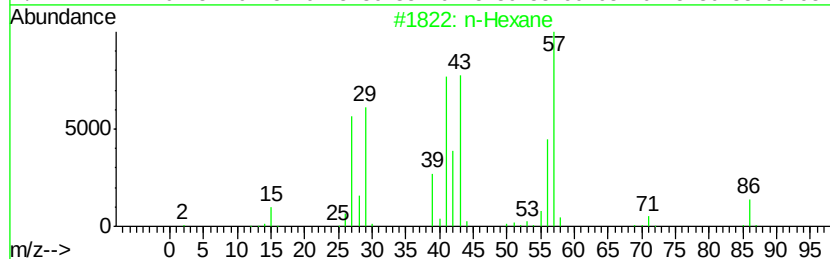
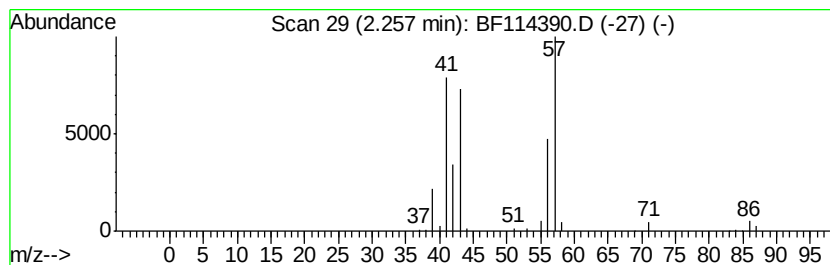
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Peak Number 2 n-Hexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	3.17 ng	205619	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	78
2		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42
3		Butanal, 2-methyl-	86	C5H10O	000096-17-3	17
4		Borinic acid, diethyl-	86	C4H11BO	004426-31-7	16
5		3-Aminopyrrolidine	86	C4H10N2	079286-79-6	16



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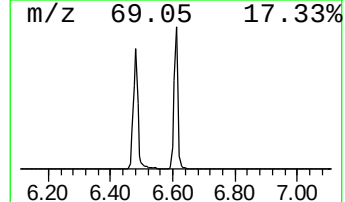
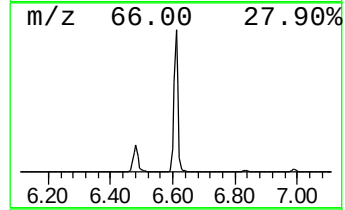
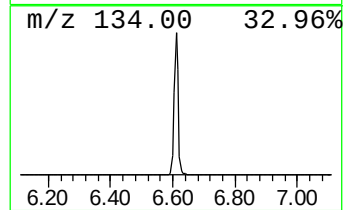
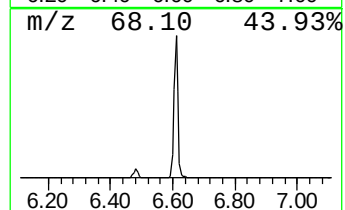
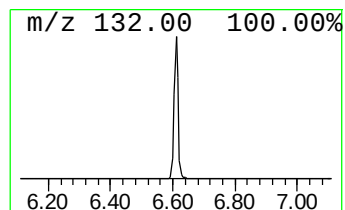
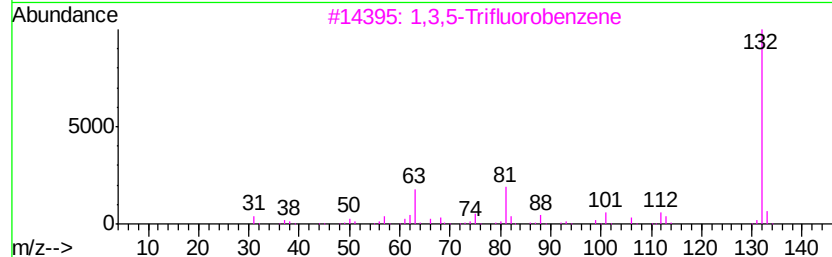
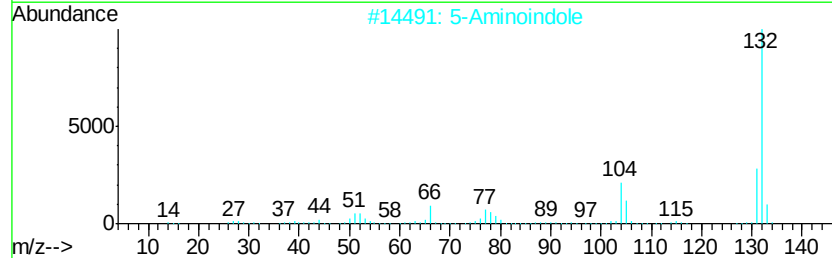
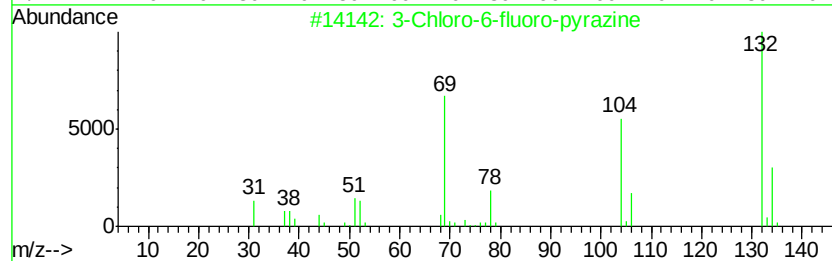
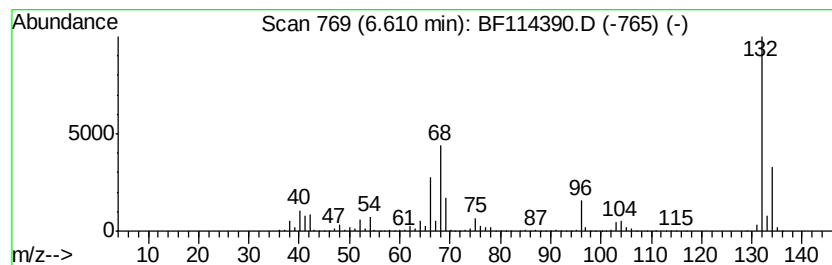
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Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	70.08 ng	4544930	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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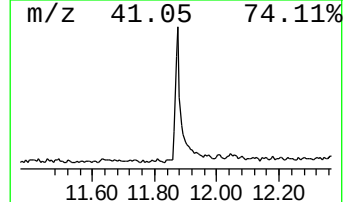
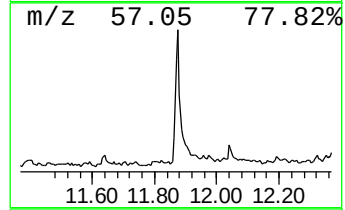
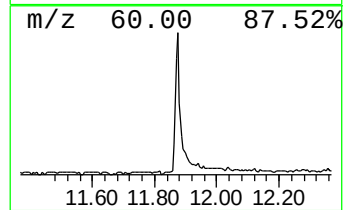
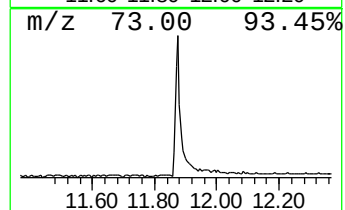
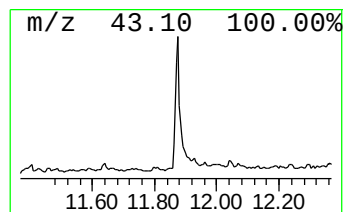
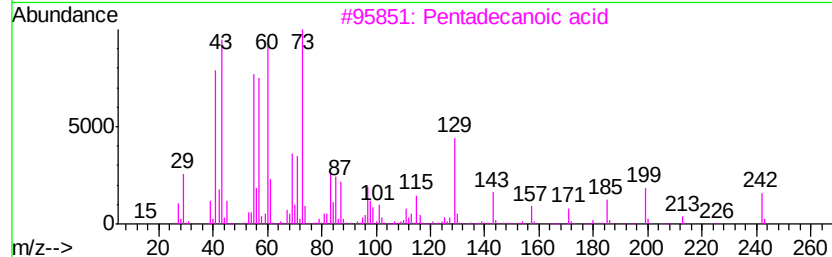
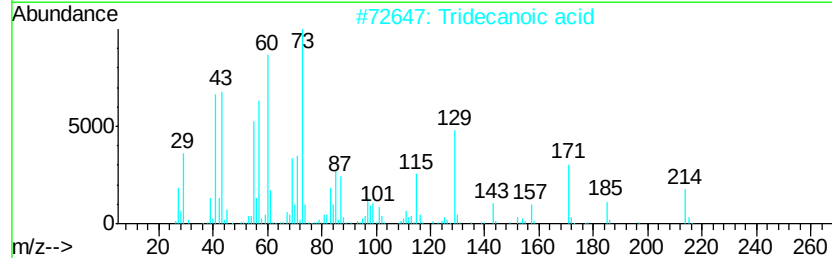
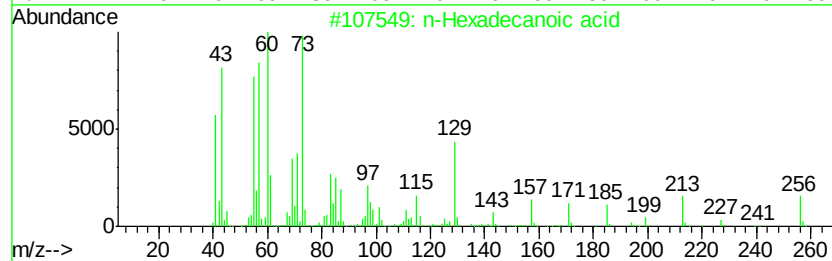
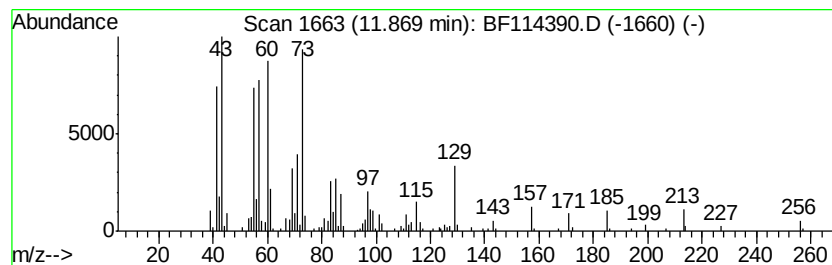
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.87	3.86 ng	406501	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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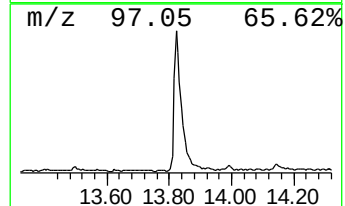
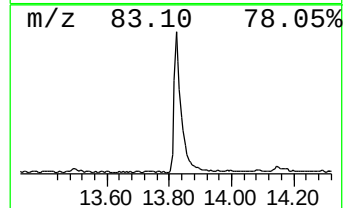
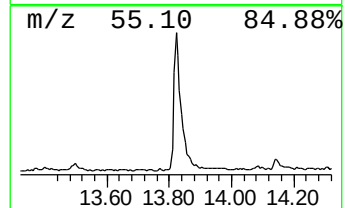
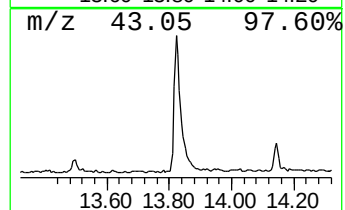
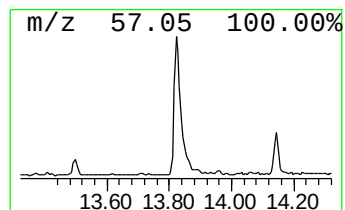
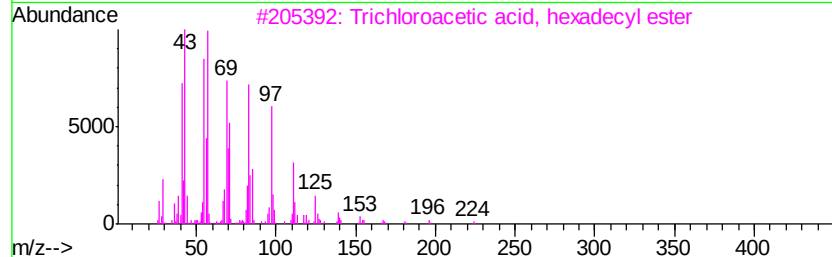
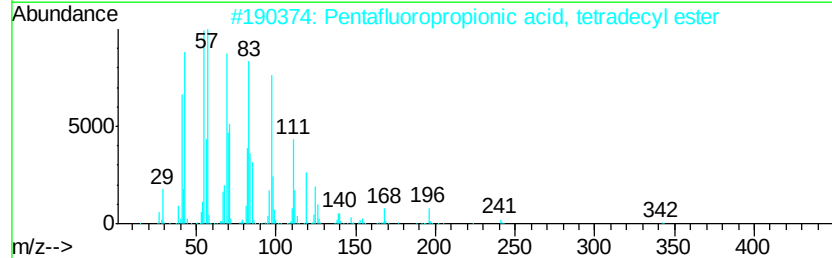
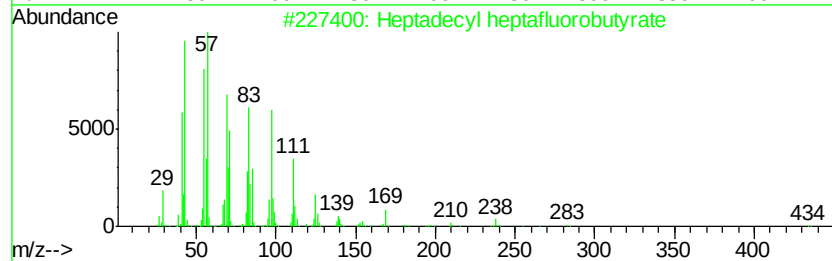
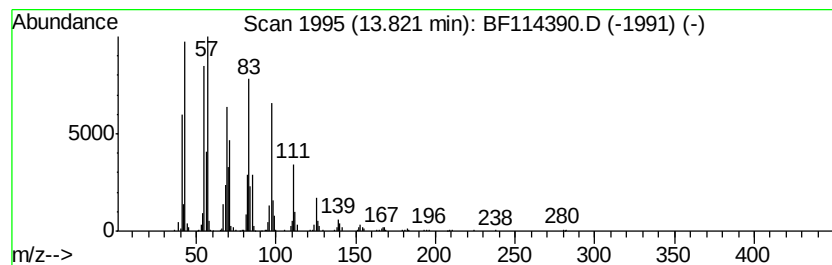
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Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	12.13 ng	1144370	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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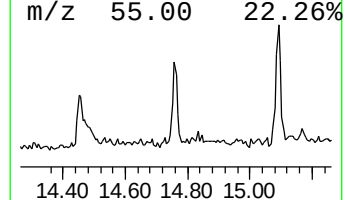
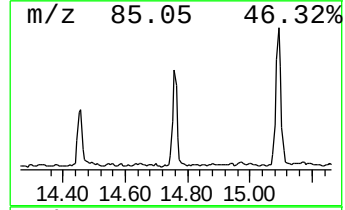
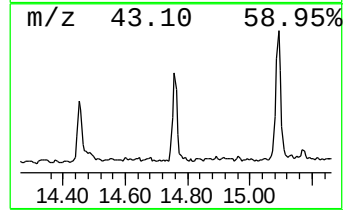
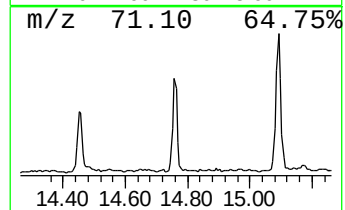
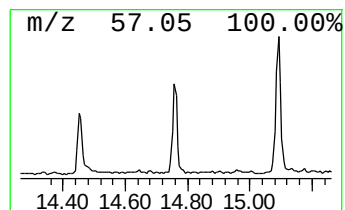
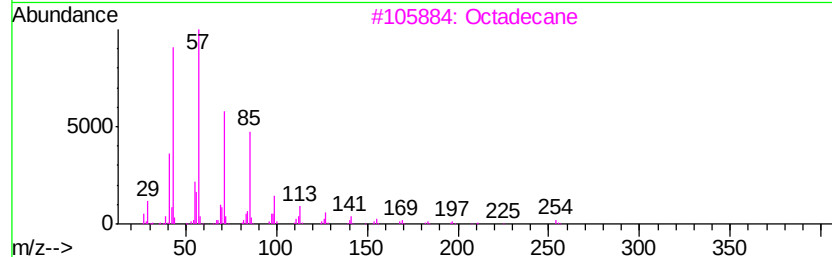
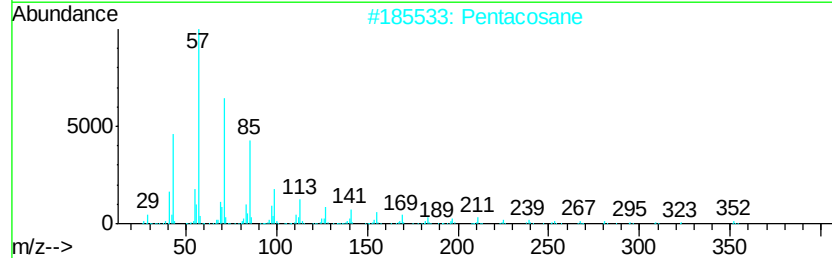
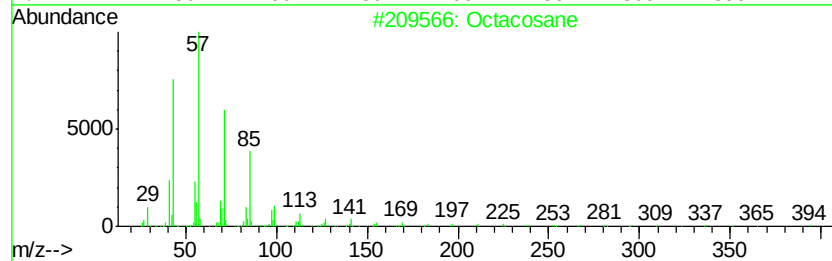
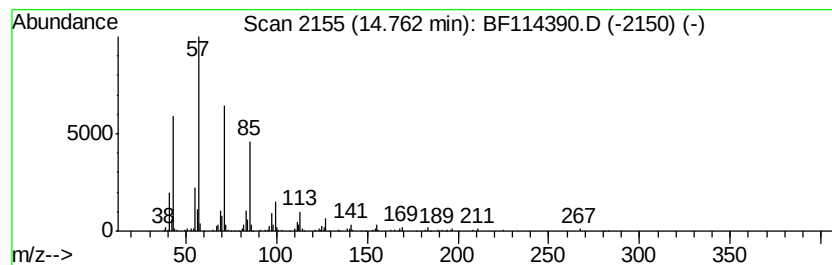
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.14 ng	241881	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114390.D
Acq On : 18 May 2019 14:52
Operator : JU/SJ
Sample : K2905-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1

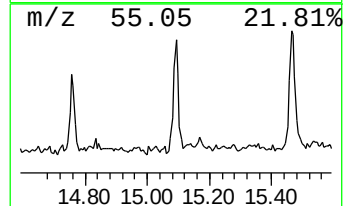
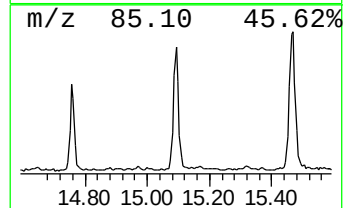
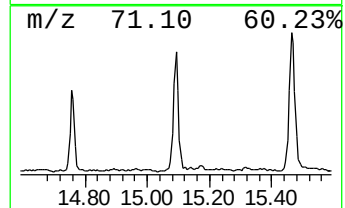
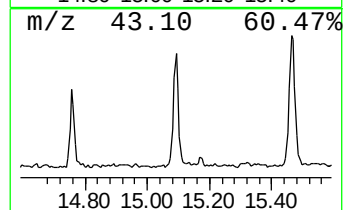
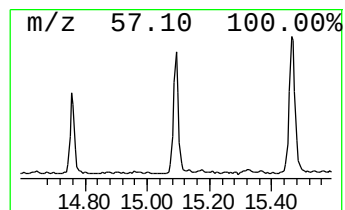
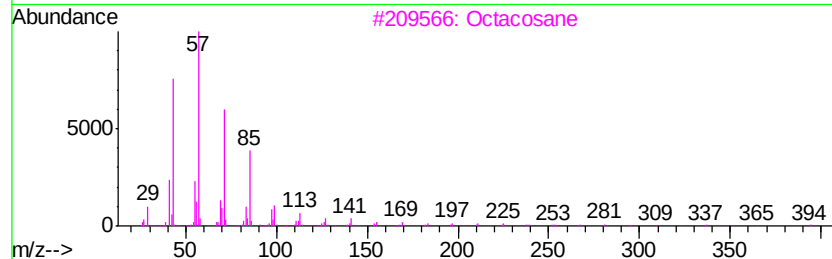
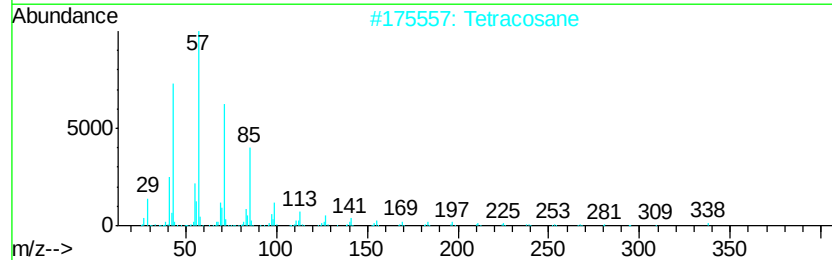
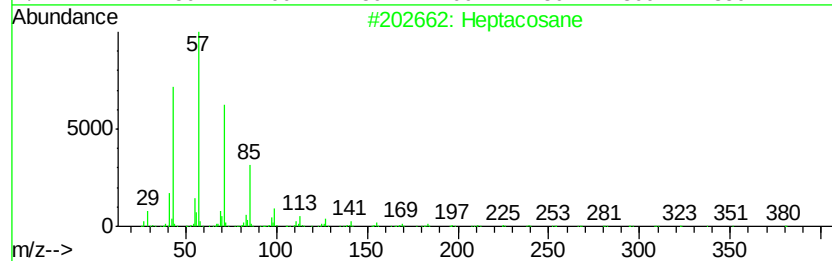
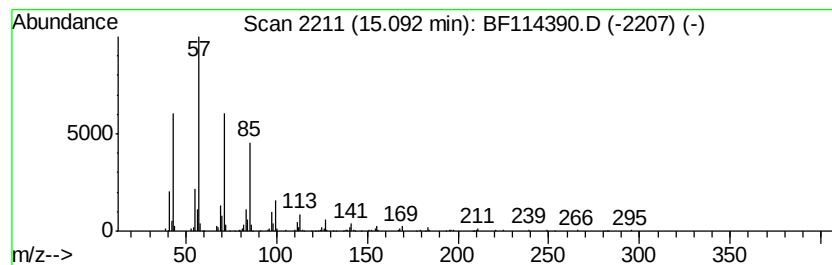
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.31 ng	373933	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114390.D
Acq On : 18 May 2019 14:52
Operator : JU/SJ
Sample : K2905-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1

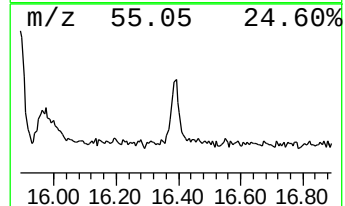
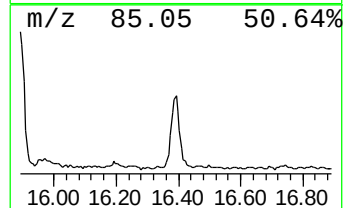
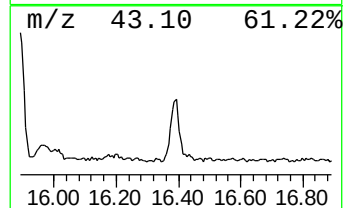
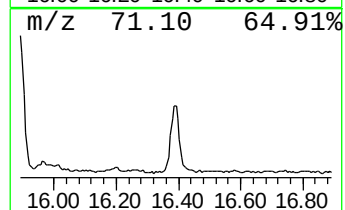
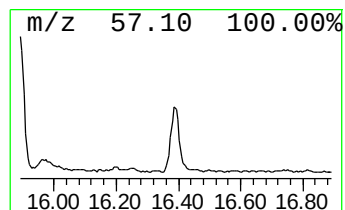
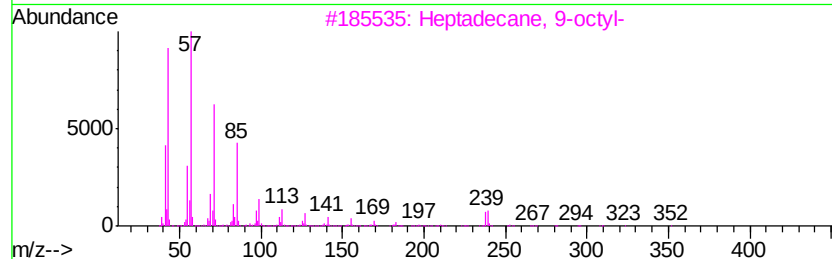
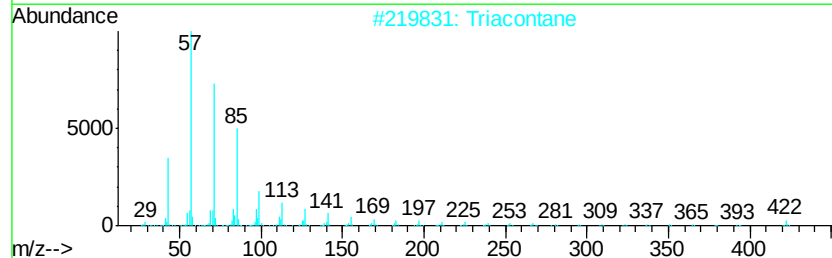
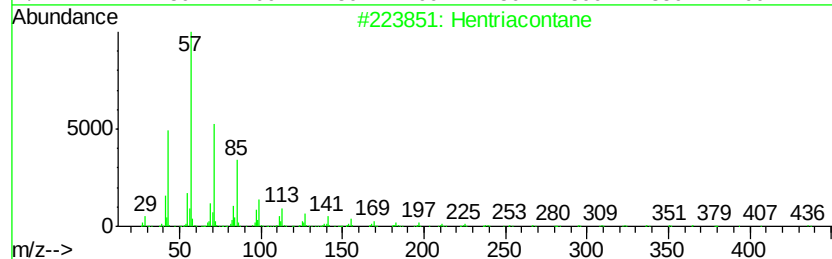
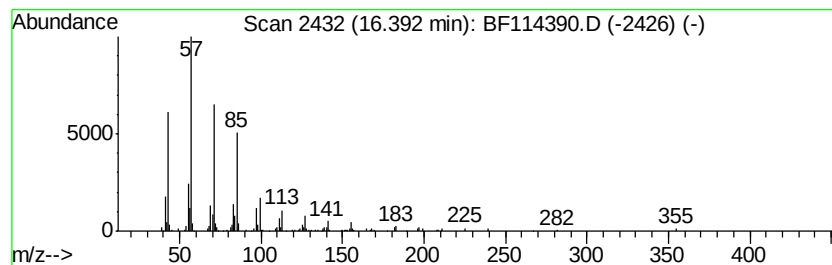
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.55 ng	401333	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114390.D
Acq On : 18 May 2019 14:52
Operator : JU/SJ
Sample : K2905-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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...	2.12	17.9	ng	1159410	1	6.83	1297050	20.0
n-Hexane	2.26	3.2	ng	205619	1	6.83	1297050	20.0
unknown6.61	6.61	70.1	ng	4544930	1	6.83	1297050	20.0
n-Hexadecanoic acid	11.87	3.9	ng	406501	4	11.35	2107260	20.0
Heptadecyl hepta...	13.82	12.1	ng	1144370	5	13.99	1886140	20.0
Octacosane	14.76	2.1	ng	241881	6	15.47	2259770	20.0
Heptacosane	15.09	3.3	ng	373933	6	15.47	2259770	20.0
Hentriacontane	16.39	3.5	ng	401333	6	15.47	2259770	20.0