

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097403.D
 Acq On : 5 Aug 2017 17:59
 Operator : SJ/JU
 Sample : I4611-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	4.551	466	470	488	rBV	322383	517850	22.31%	2.673%
2	5.022	547	550	568	rBV	1537366	1988302	85.66%	10.264%
3	5.316	594	600	608	rBV	40908	47560	2.05%	0.246%
4	5.663	655	659	665	rVB4	26141	39112	1.69%	0.202%
5	5.963	708	710	717	rVB2	27969	35035	1.51%	0.181%
6	6.022	717	720	724	rBV	40765	38147	1.64%	0.197%
7	6.098	729	733	743	rVV	2052600	2321185	100.00%	11.983%
8	6.198	747	750	757	rVV	2059261	2118892	91.28%	10.939%
9	6.275	761	763	768	rVB	129297	118713	5.11%	0.613%
10	6.422	785	788	792	rBV	627256	582978	25.12%	3.010%
11	6.457	792	794	797	rVB2	35960	31680	1.36%	0.164%
12	6.487	797	799	806	rBV5	21763	32147	1.38%	0.166%
13	6.581	811	815	825	rVB	1468062	1377087	59.33%	7.109%
14	6.722	836	839	842	rVB2	25045	26400	1.14%	0.136%
15	6.757	842	845	847	rVV2	36518	31448	1.35%	0.162%
16	6.787	847	850	853	rVV2	37082	36371	1.57%	0.188%
17	6.834	853	858	864	rVB3	40288	51848	2.23%	0.268%
18	6.998	882	886	891	rBV	1462982	1287319	55.46%	6.646%
19	7.045	891	894	899	rVB	147897	137477	5.92%	0.710%
20	7.234	923	926	929	rVB2	41836	32543	1.40%	0.168%
21	7.339	940	944	949	rBV3	31421	39564	1.70%	0.204%
22	7.710	1003	1007	1019	rBV	791842	823334	35.47%	4.250%
23	8.151	1079	1082	1086	rBV	32226	32409	1.40%	0.167%
24	8.322	1106	1111	1115	rBV	48724	43313	1.87%	0.224%
25	8.404	1123	1125	1127	rBV	28426	27953	1.20%	0.144%
26	8.522	1141	1145	1150	rVB2	21323	35320	1.52%	0.182%
27	8.622	1154	1162	1165	rBV5	13372	23960	1.03%	0.124%
28	8.786	1186	1190	1193	rBV	2000037	1756839	75.69%	9.070%
29	8.886	1200	1207	1211	rBV	49012	53496	2.30%	0.276%
30	9.045	1229	1234	1241	rBV5	19393	31641	1.36%	0.163%
31	9.139	1248	1250	1255	rVB4	14121	24089	1.04%	0.124%
32	9.186	1255	1258	1263	rBV	212884	206325	8.89%	1.065%
33	9.410	1292	1296	1299	rBV	67510	57794	2.49%	0.298%
34	9.451	1299	1303	1306	rBV	813192	725351	31.25%	3.745%

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35	9.698	1342	1345	1348	rVV2	25015	26065	1.12%	0.135%
36	9.904	1377	1380	1383	rBV	66943	51049	2.20%	0.264%
37	10.128	1412	1418	1420	rBV	35428	50526	2.18%	0.261%
38	10.239	1433	1437	1443	rBV	917095	863757	37.21%	4.459%
39	10.375	1456	1460	1467	rBV	68953	95327	4.11%	0.492%
40	10.822	1532	1536	1538	rBV	47713	44675	1.92%	0.231%
41	10.851	1538	1541	1544	rVB2	25636	28350	1.22%	0.146%
42	10.922	1549	1553	1556	rBV	663323	543392	23.41%	2.805%
43	10.945	1556	1557	1561	rVB	84722	51947	2.24%	0.268%
44	10.998	1561	1566	1570	rBV2	26008	28002	1.21%	0.145%
45	11.180	1594	1597	1605	rVV4	42213	70188	3.02%	0.362%
46	11.245	1605	1608	1612	rVB2	27810	30271	1.30%	0.156%
47	11.480	1645	1648	1654	rBV2	86006	88550	3.81%	0.457%
48	11.645	1673	1676	1684	rBV2	26051	33486	1.44%	0.173%
49	11.992	1732	1735	1740	rBV	112006	140570	6.06%	0.726%
50	12.127	1755	1758	1762	rVB	65882	56675	2.44%	0.293%
51	12.257	1778	1780	1785	rBV3	33770	50241	2.16%	0.259%
52	12.351	1792	1796	1799	rBV	71269	74080	3.19%	0.382%
53	12.504	1818	1822	1825	rBV	1340520	1194891	51.48%	6.169%
54	12.780	1867	1869	1874	rBV5	16363	30202	1.30%	0.156%
55	12.963	1898	1900	1904	rBV4	23460	29767	1.28%	0.154%
56	13.427	1976	1979	1983	rVB2	88301	104928	4.52%	0.542%
57	13.545	1995	1999	2003	rBV	572929	541982	23.35%	2.798%
58	14.333	2131	2133	2138	rBV2	81391	120213	5.18%	0.621%
59	14.886	2224	2227	2231	rBV	279047	288163	12.41%	1.488%

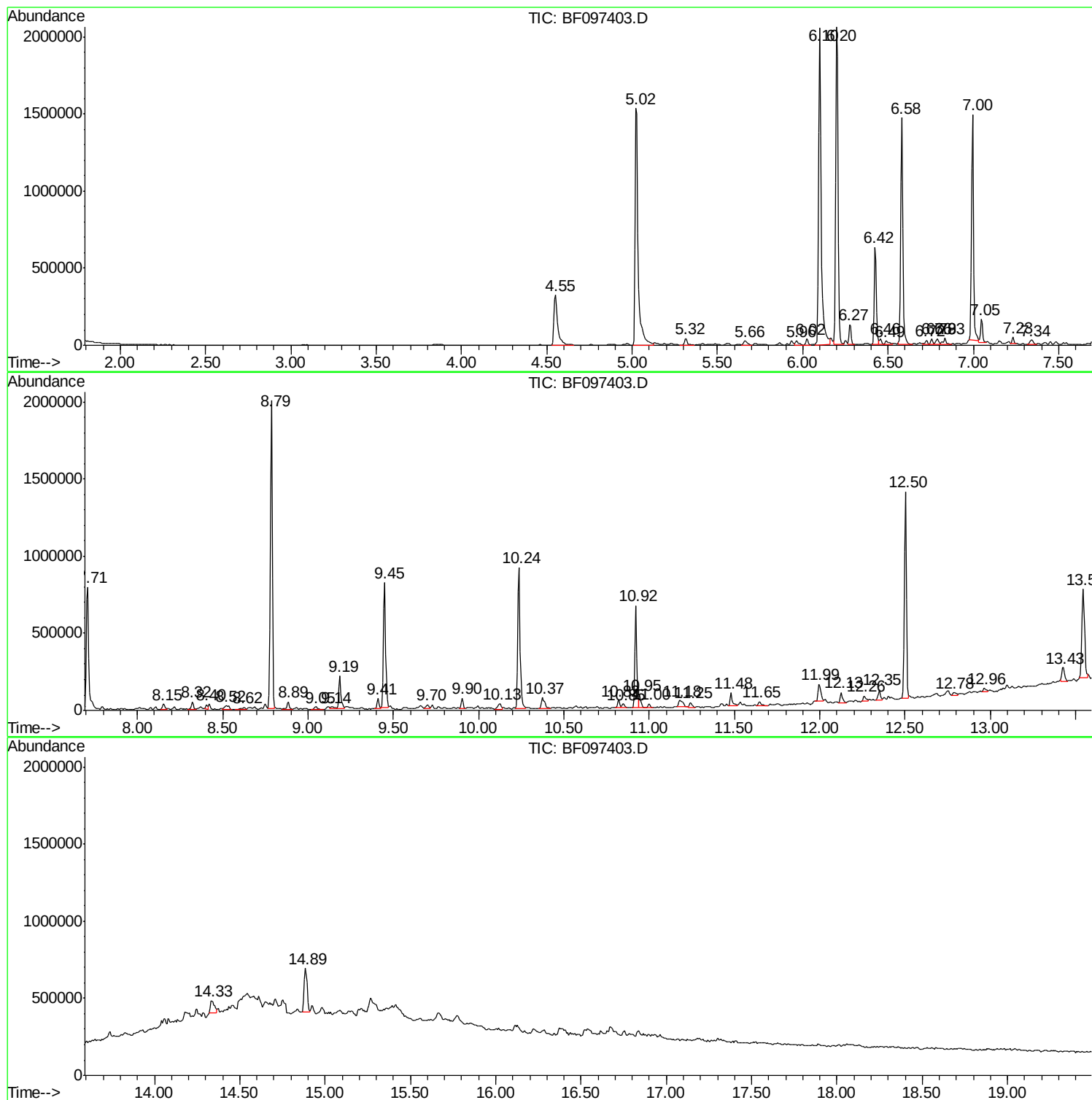
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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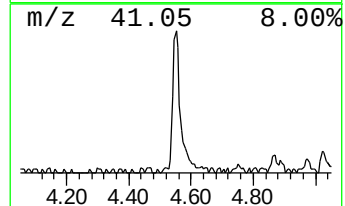
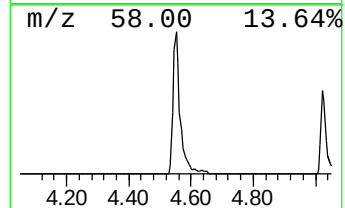
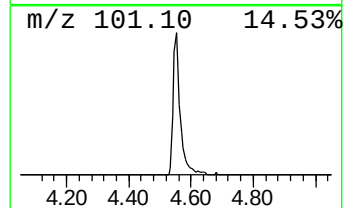
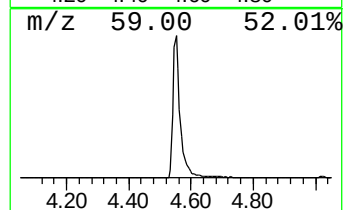
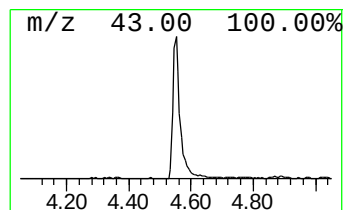
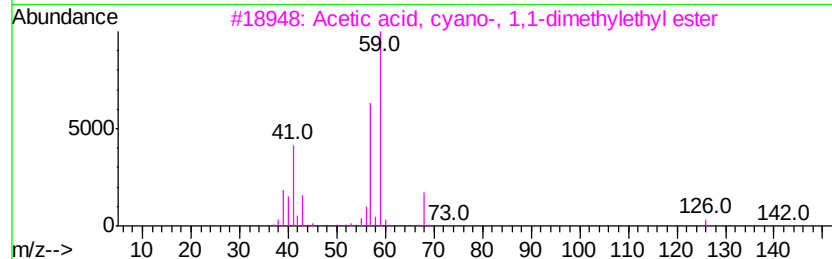
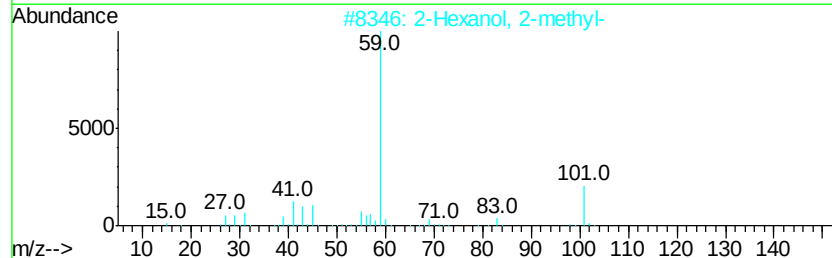
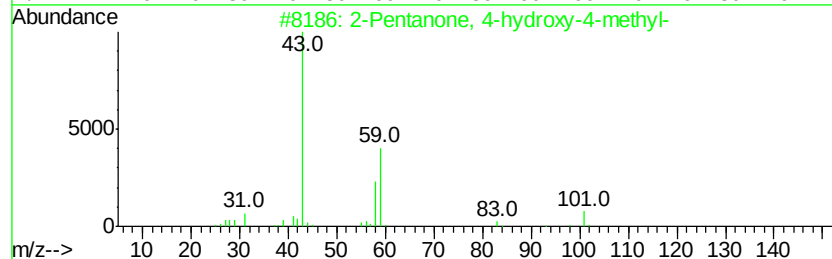
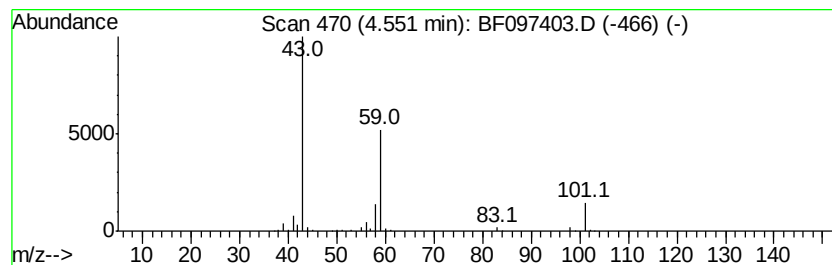
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	17.77 ng	517850	1,4-Dichlorobenzene-d4	6.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9



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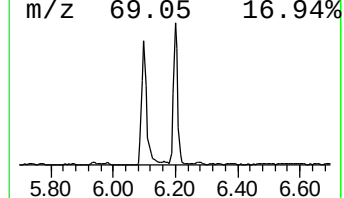
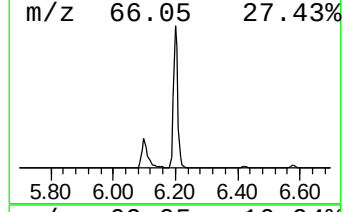
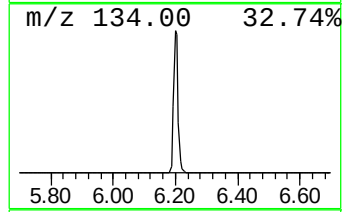
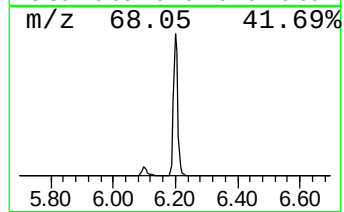
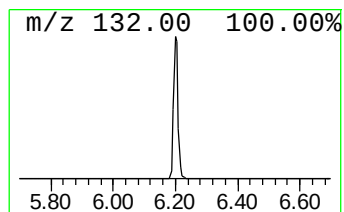
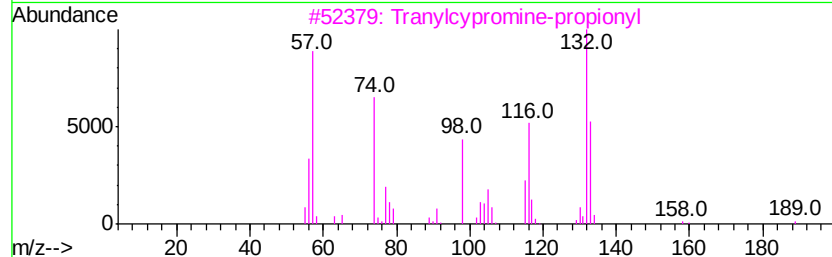
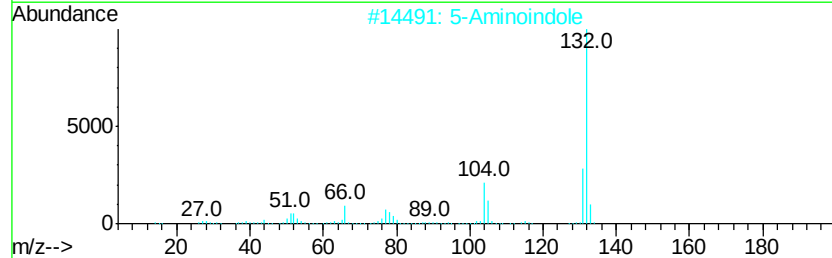
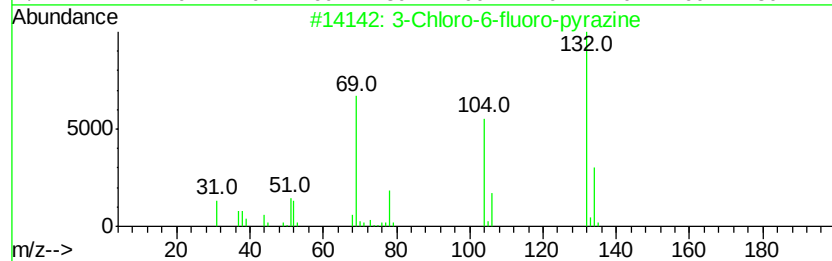
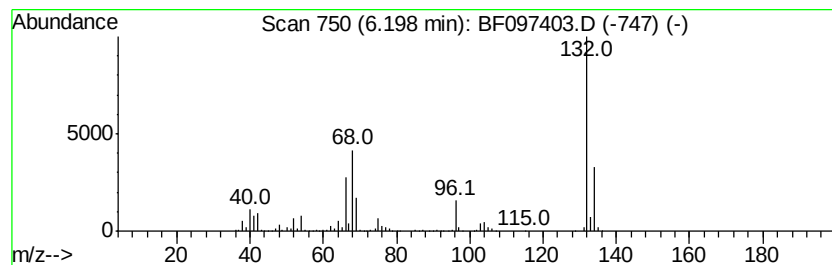
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	72.69 ng	2118890	1,4-Dichlorobenzene-d4	6.42

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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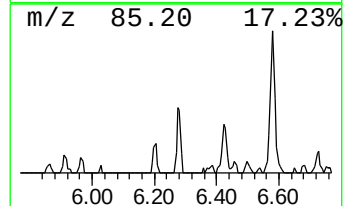
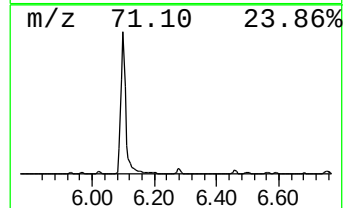
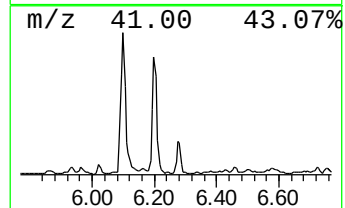
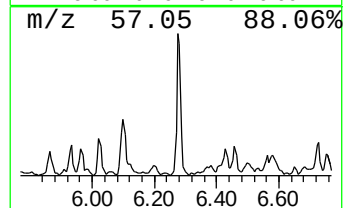
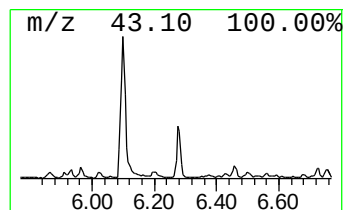
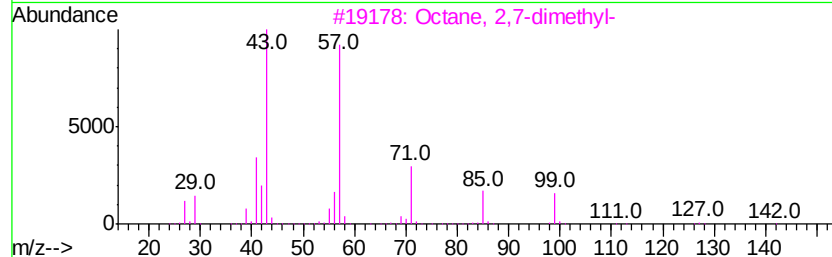
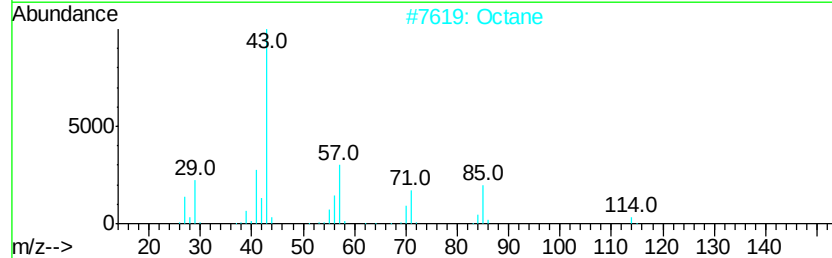
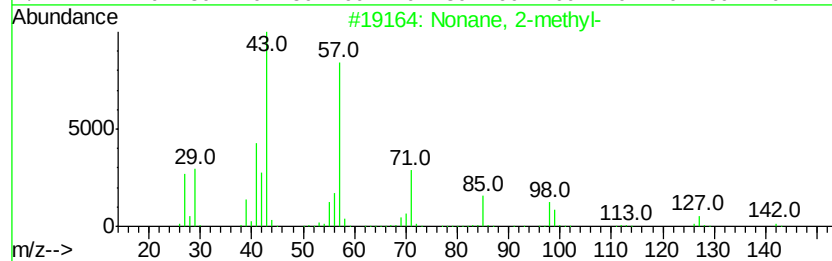
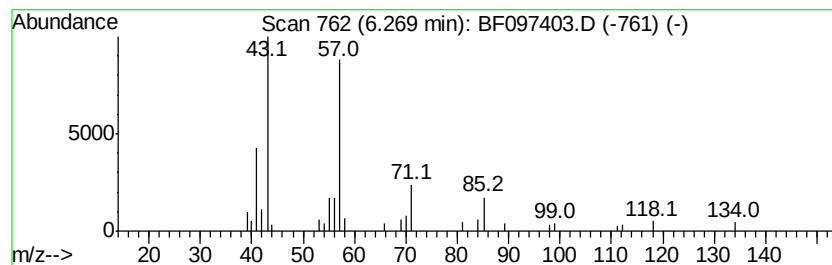
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Nonane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	4.07 ng	118713	1,4-Dichlorobenzene-d4	6.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 2-methyl-	142 C10H22	000871-83-0	72
2	Octane	114 C8H18	000111-65-9	64
3	Octane, 2,7-dimethyl-	142 C10H22	001072-16-8	59
4	Oxalic acid, isobutyl pentyl ester	216 C11H20O4	1000309-37-0	53
5	Nonane, 4-methyl-	142 C10H22	017301-94-9	53



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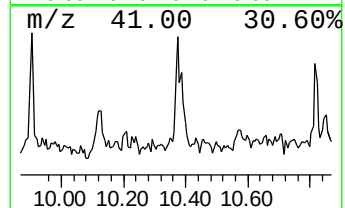
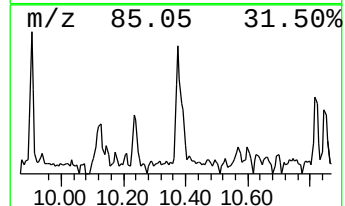
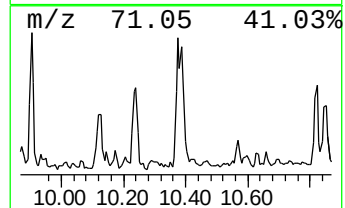
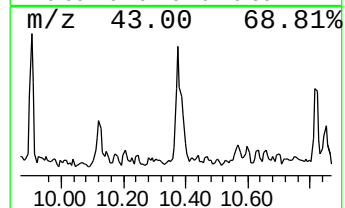
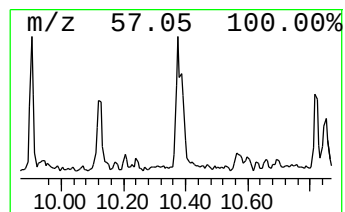
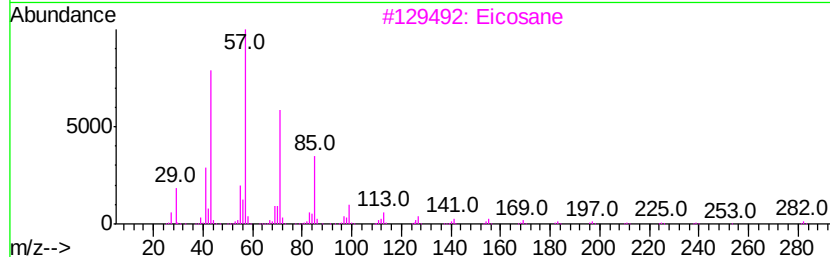
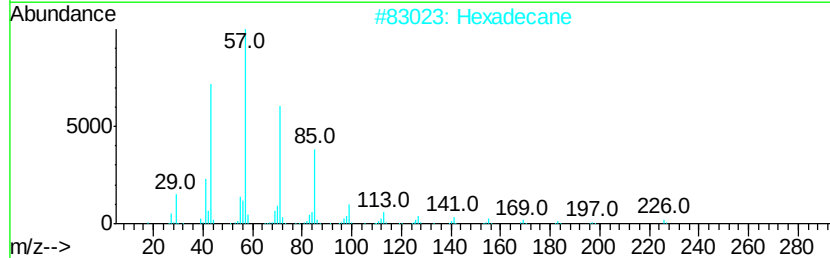
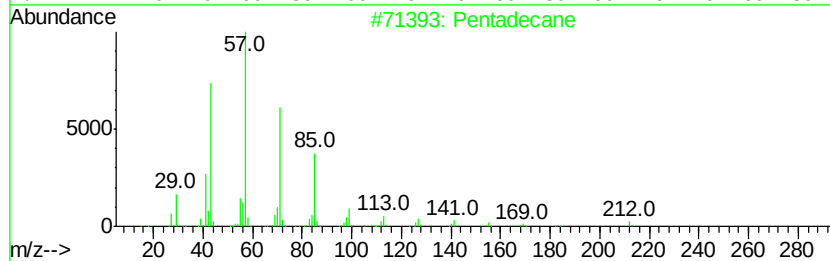
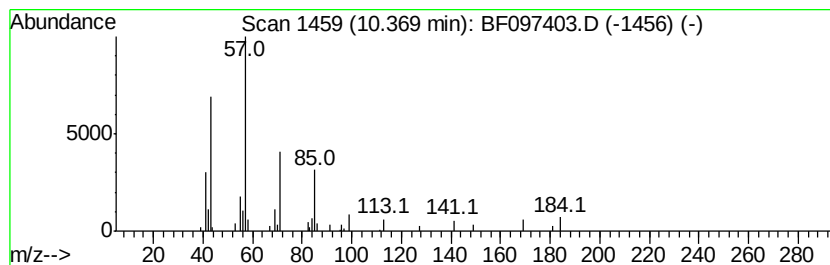
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.37	3.51 ng	95327	Phenanthrene-d10		10.92		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Eicosane	282	C20H42	000112-95-8	86
4			Heptadecane	240	C17H36	000629-78-7	80
5			Tetracosane	338	C24H50	000646-31-1	80



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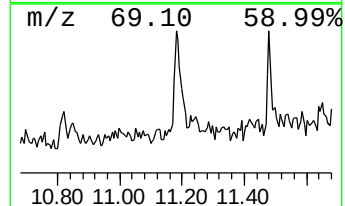
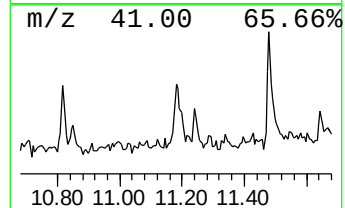
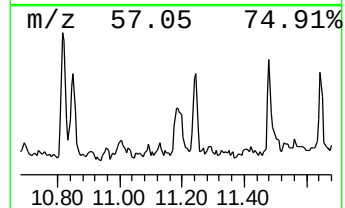
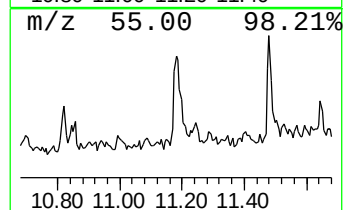
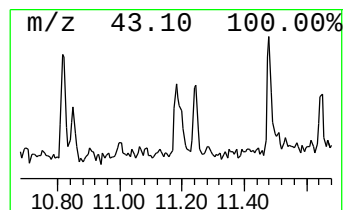
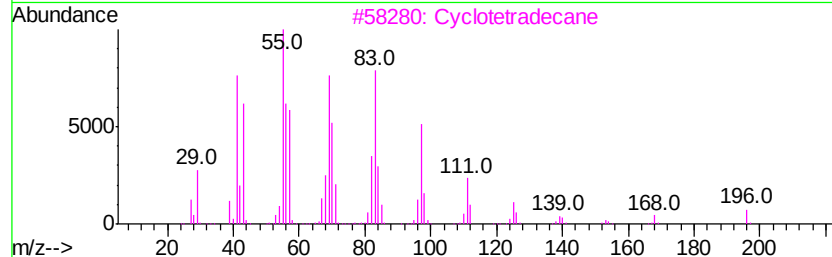
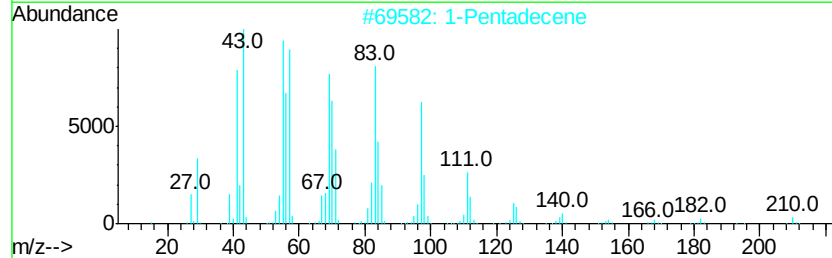
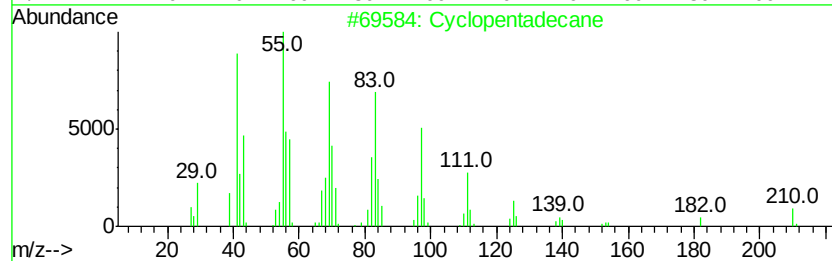
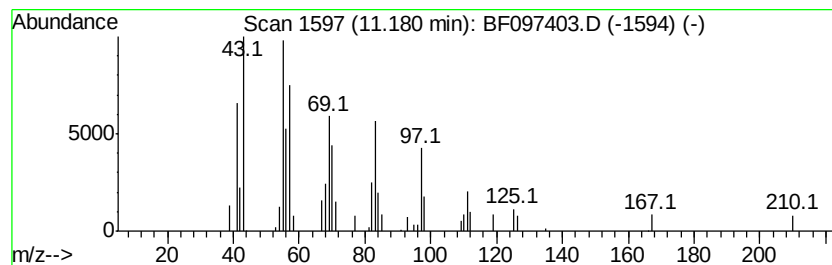
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.18	2.58 ng	70188	Phenanthrene-d10		10.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	1-Pentadecene	210	C15H30	013360-61-7	93
3	Cyclotetradecane	196	C14H28	000295-17-0	91
4	2-Heptafluorobutyroxy pentadecane	424	C19H31F7O2	1000245-50-0	91
5	11-Tricosene	322	C23H46	052078-56-5	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097403.D
Acq On : 5 Aug 2017 17:59
Operator : SJ/JU
Sample : I4611-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-080317-B

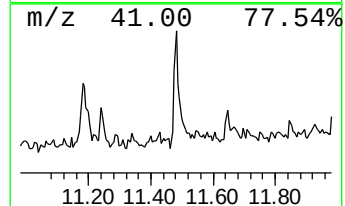
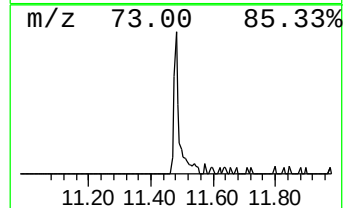
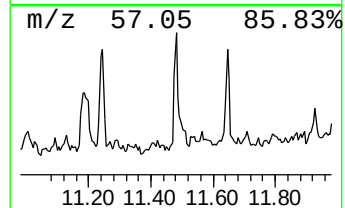
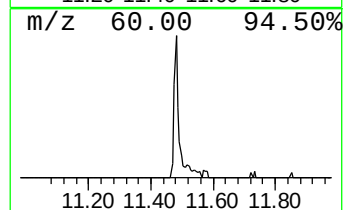
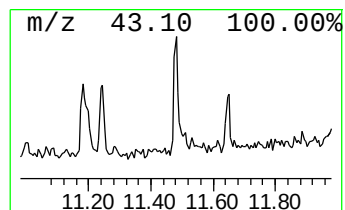
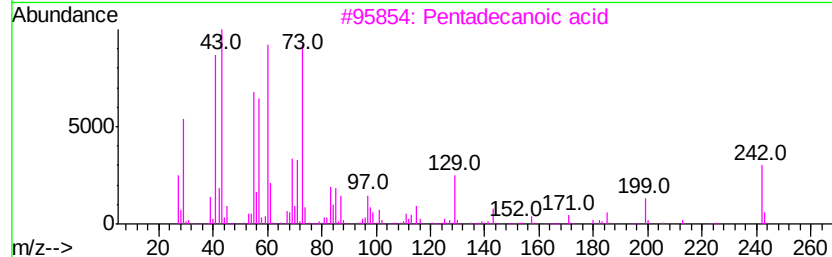
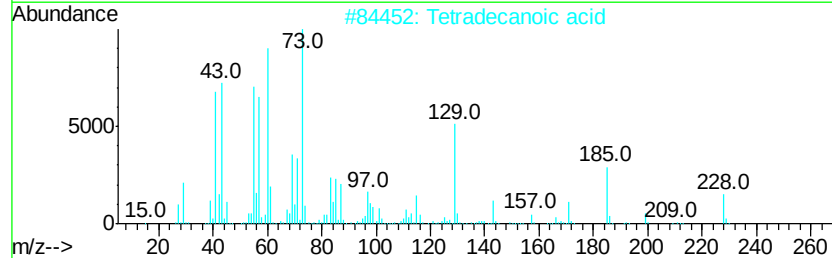
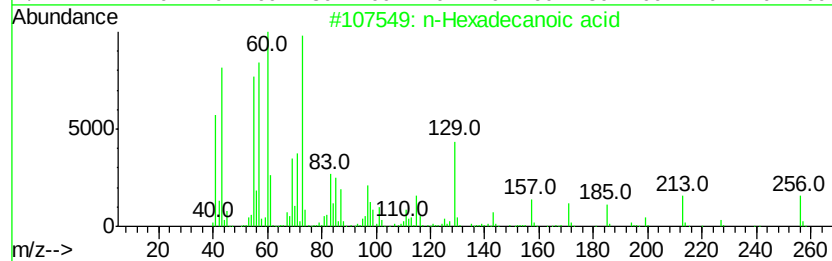
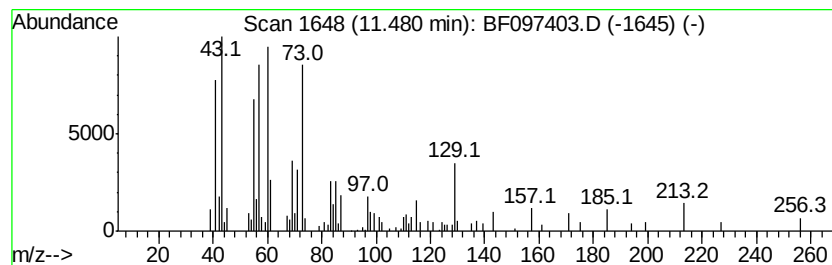
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	3.26 ng	88550	Phenanthrene-d10	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
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Sample : I4611-04
Misc :
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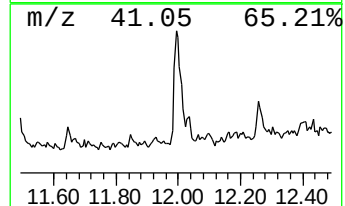
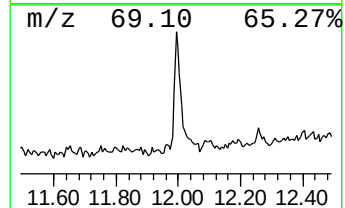
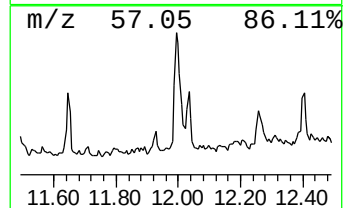
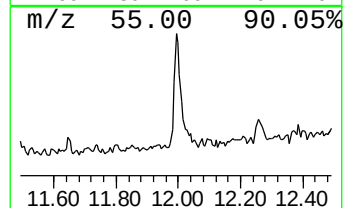
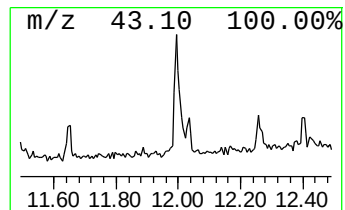
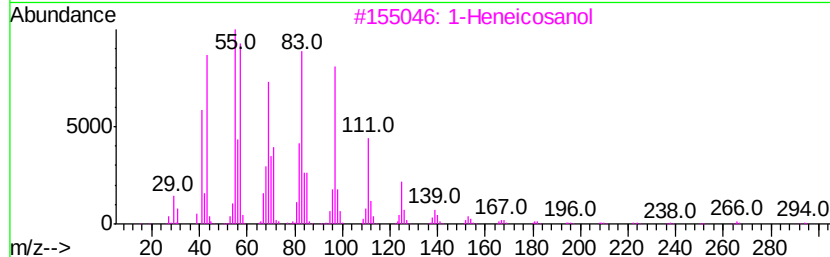
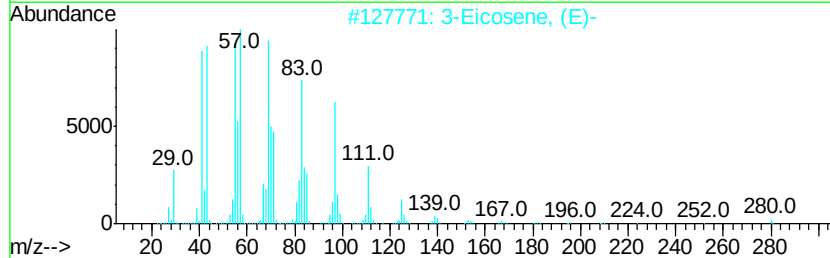
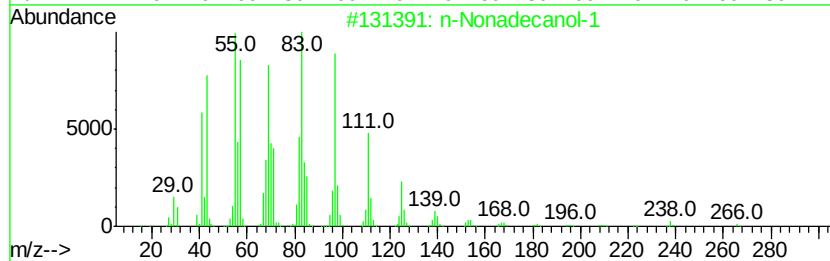
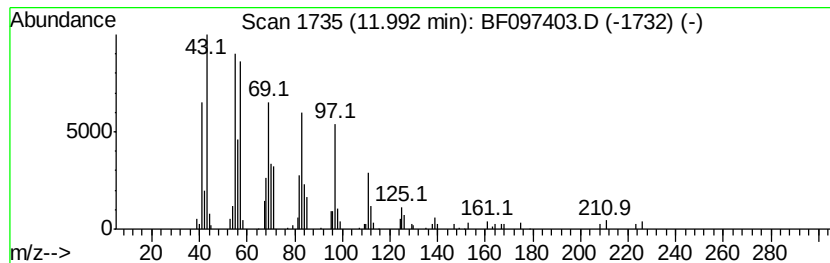
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	5.17 ng	140570	Phenanthrene-d10	10.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
Data File : BF097403.D
Acq On : 5 Aug 2017 17:59
Operator : SJ/JU
Sample : I4611-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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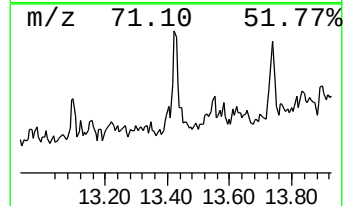
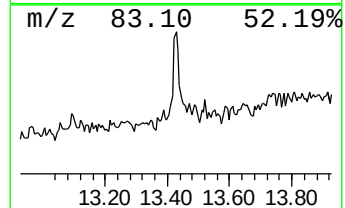
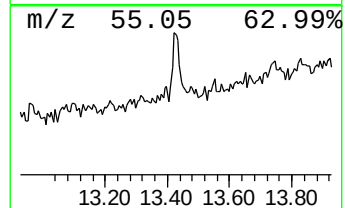
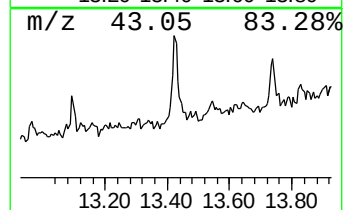
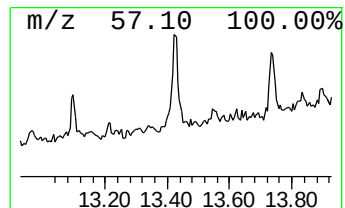
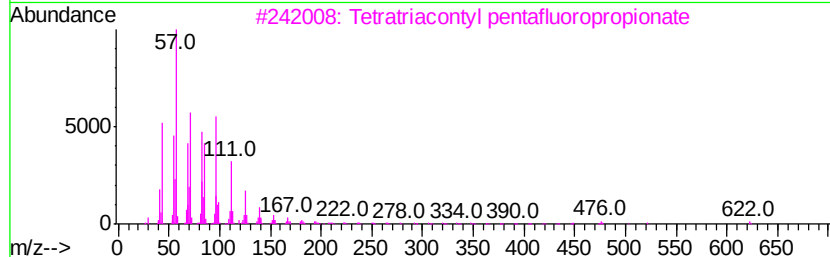
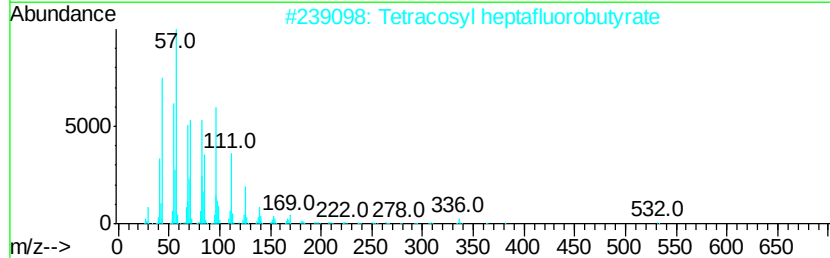
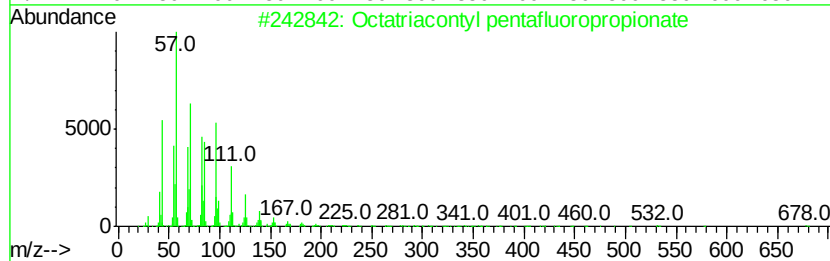
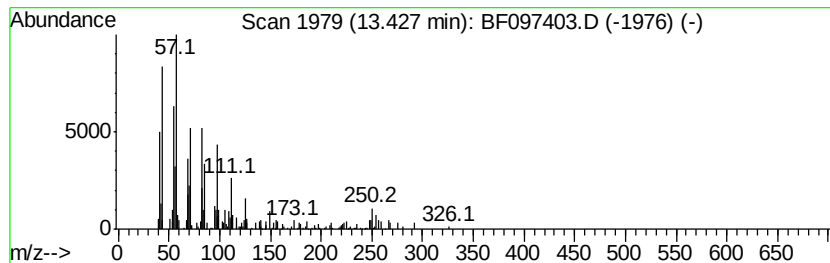
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octatriacontyl pentafluorop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	3.87 ng	104928	Chrysene-d12	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	83
2		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	83
3		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	70
4		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	70
5		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
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Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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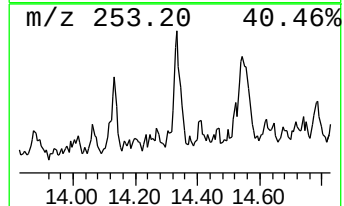
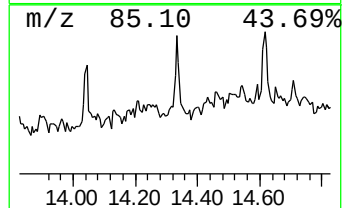
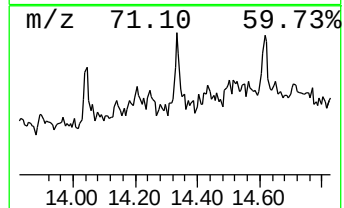
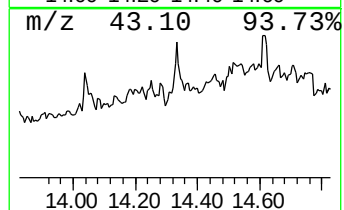
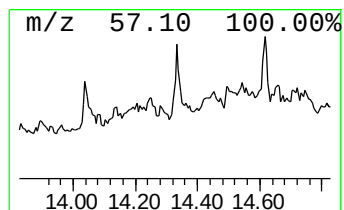
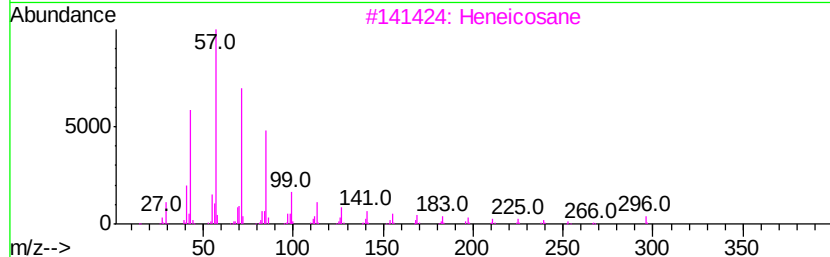
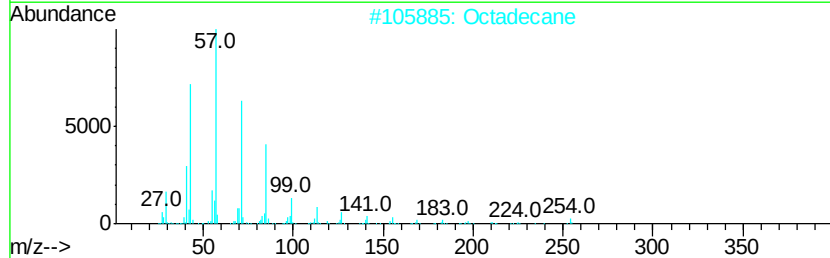
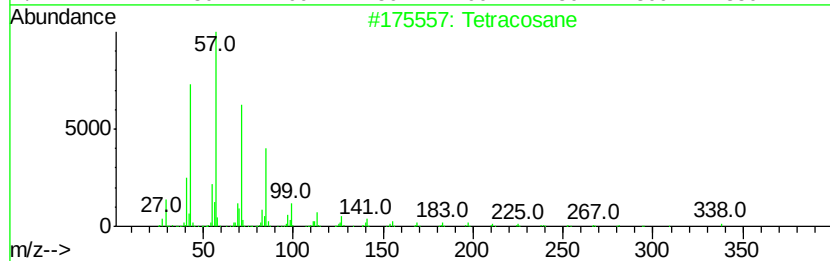
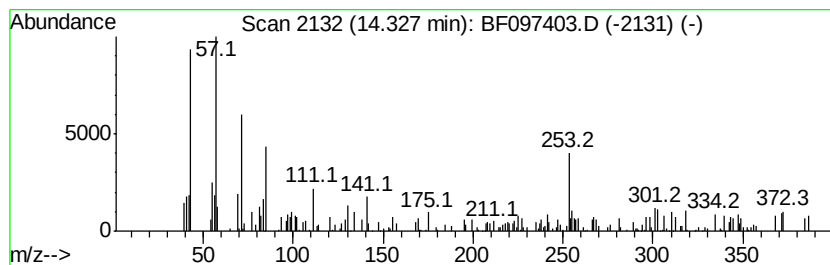
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	8.34 ng	120213	Perylene-d12	14.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	50
2		Octadecane	254	C18H38	000593-45-3	45
3		Heneicosane	296	C21H44	000629-94-7	45
4		Hexadecane	226	C16H34	000544-76-3	45
5		1-Chloroeicosane	316	C20H41Cl	042217-02-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
Data File : BF097403.D
Acq On : 5 Aug 2017 17:59
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Sample : I4611-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
2-Pentanone, 4-hy...	4.55	17.8	ng	517850	1	6.42	582978	20.0
unknown6.20	6.20	72.7	ng	2118890	1	6.42	582978	20.0
Nonane, 2-methyl-	6.27	4.1	ng	118713	1	6.42	582978	20.0
Pentadecane	10.37	3.5	ng	95327	4	10.92	543392	20.0
Cyclopentadecane	11.18	2.6	ng	70188	4	10.92	543392	20.0
n-Hexadecanoic acid	11.48	3.3	ng	88550	4	10.92	543392	20.0
n-Nonadecanol-1	11.99	5.2	ng	140570	4	10.92	543392	20.0
Octatriacontyl pe...	13.43	3.9	ng	104928	5	13.55	541982	20.0
Tetracosane	14.33	8.3	ng	120213	6	14.89	288163	20.0