

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096636.D
 Acq On : 11 Jul 2017 11:26
 Operator : SJ/JU
 Sample : I3992-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-NJ-QUARRY-STONE-DUS

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-BF070117.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	4.875	469	474	482	rVB	374243	482158	17.52%	2.009%
2	5.304	542	547	550	rBV	2287427	2408044	87.52%	10.034%
3	6.328	716	721	734	rBV	2131660	2473960	89.92%	10.309%
4	6.457	738	743	746	rBV	2606329	2394279	87.02%	9.977%
5	6.687	778	782	785	rBV	809039	662595	24.08%	2.761%
6	6.845	804	809	812	rBV	1896780	1822989	66.26%	7.596%
7	7.245	872	877	880	rBV	1547345	1532731	55.71%	6.387%
8	7.969	995	1000	1003	rBV	1017929	912394	33.16%	3.802%
9	9.045	1178	1183	1186	rBV	2974529	2751317	100.00%	11.465%
10	9.434	1246	1249	1253	rBV	172760	148102	5.38%	0.617%
11	9.716	1293	1297	1301	rBV2	1156878	1016115	36.93%	4.234%
12	9.922	1330	1332	1340	rVB5	32069	46287	1.68%	0.193%
13	10.163	1370	1373	1376	rVB	68674	51953	1.89%	0.216%
14	10.369	1403	1408	1413	rVB4	32441	71336	2.59%	0.297%
15	10.504	1426	1431	1434	rBV	1400735	1336349	48.57%	5.569%
16	10.633	1451	1453	1460	rVB	70737	86790	3.15%	0.362%
17	10.845	1485	1489	1491	rBV5	27503	34571	1.26%	0.144%
18	11.192	1545	1548	1551	rBV	883086	804426	29.24%	3.352%
19	11.216	1551	1552	1555	rVV	86278	57904	2.10%	0.241%
20	11.269	1558	1561	1566	rVB	38185	30553	1.11%	0.127%
21	11.733	1636	1640	1644	rBV2	251084	314149	11.42%	1.309%
22	11.869	1661	1663	1667	rBV3	33367	50180	1.82%	0.209%
23	11.910	1667	1670	1676	rVB4	31502	39108	1.42%	0.163%
24	12.245	1724	1727	1730	rBV2	30995	29031	1.06%	0.121%
25	12.398	1749	1753	1758	rBV	150402	186237	6.77%	0.776%
26	12.522	1769	1774	1783	rBV2	214277	287129	10.44%	1.196%
27	12.627	1787	1792	1795	rVB	151140	157094	5.71%	0.655%
28	12.780	1814	1818	1821	rBV	1847169	1738897	63.20%	7.246%
29	12.957	1843	1848	1854	rBV2	45930	66129	2.40%	0.276%
30	13.186	1879	1887	1891	rBV4	64886	145087	5.27%	0.605%
31	13.339	1910	1913	1917	rBV2	32240	44109	1.60%	0.184%
32	13.680	1968	1971	1980	rVB	144644	195300	7.10%	0.814%
33	13.821	1991	1995	1998	rBV	653054	678881	24.67%	2.829%
34	13.851	1998	2000	2002	rVB	55419	45744	1.66%	0.191%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.963	2016	2019	2024	rBV6	36378	62473	2.27%	0.260%
36	14.245	2065	2067	2070	rBV3	25771	30453	1.11%	0.127%
37	14.833	2163	2167	2169	rBV	55204	73311	2.66%	0.305%
38	15.104	2210	2213	2216	rBV	52572	68391	2.49%	0.285%
39	15.227	2229	2234	2239	rBV	476145	594274	21.60%	2.476%
40	16.562	2456	2461	2463	rBV4	38726	67029	2.44%	0.279%

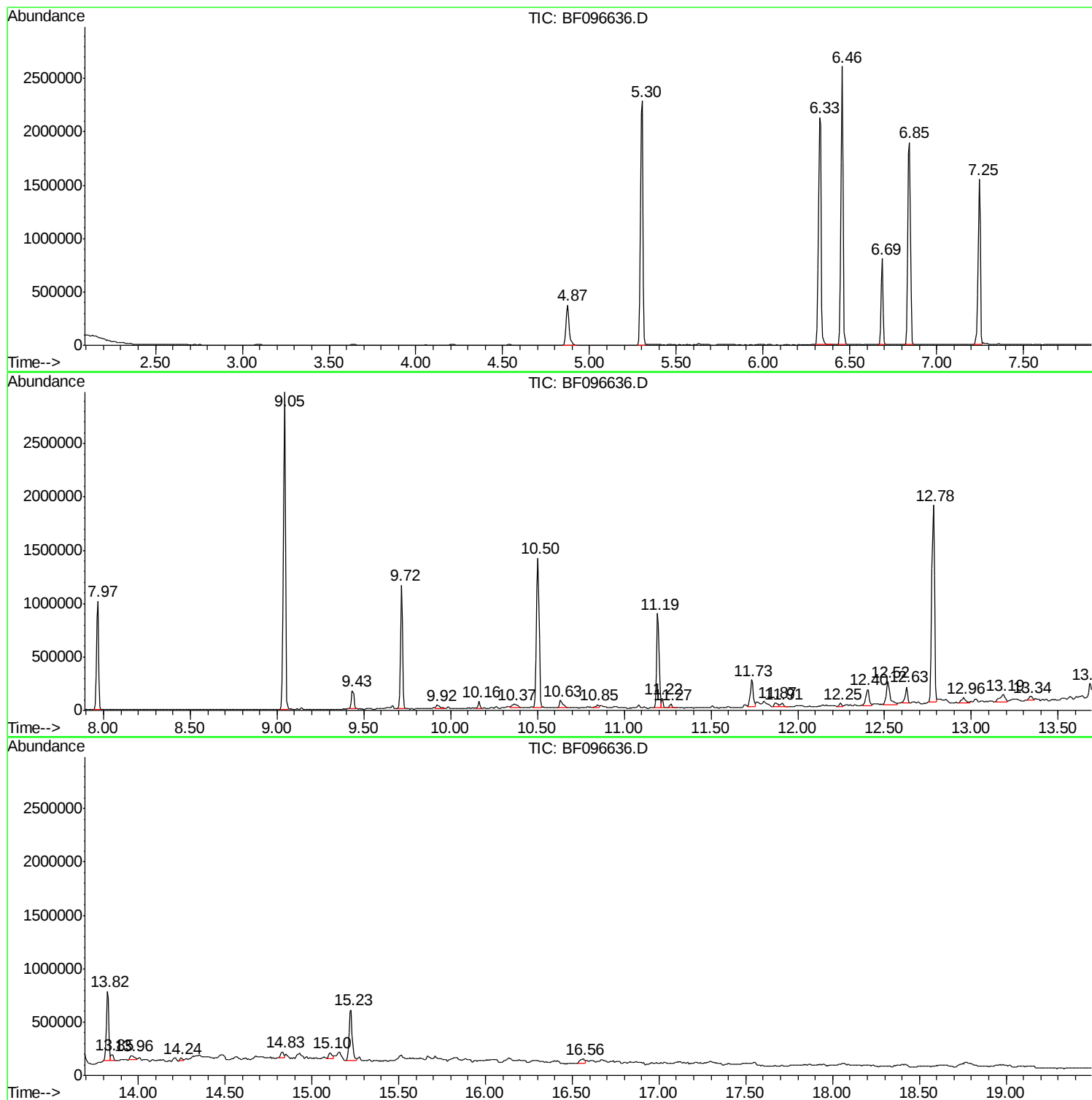
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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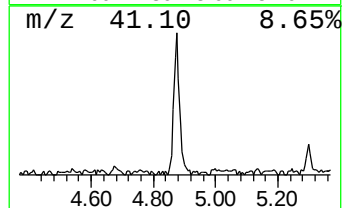
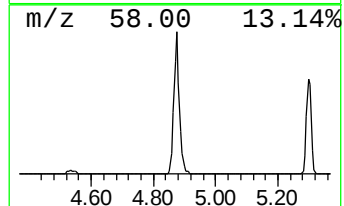
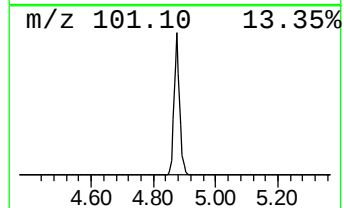
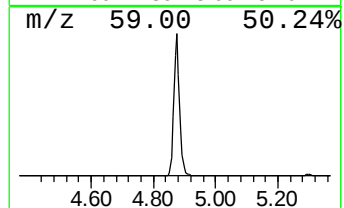
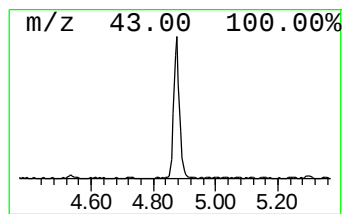
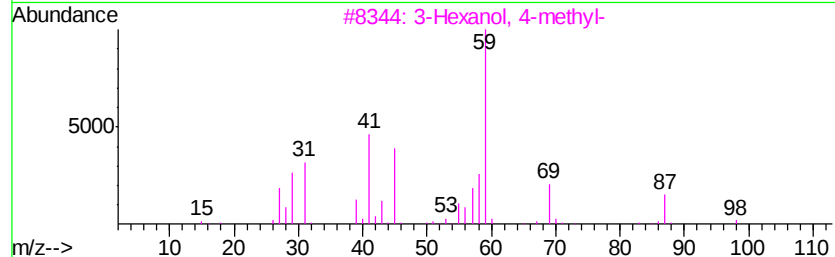
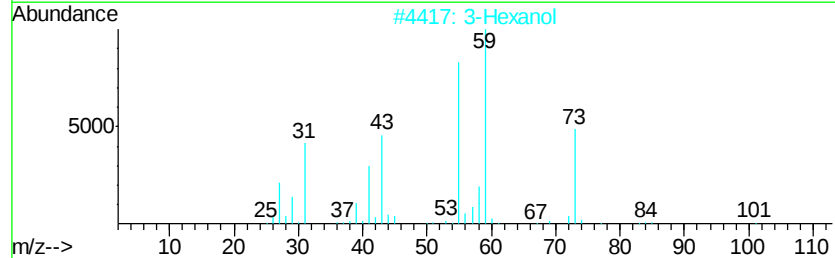
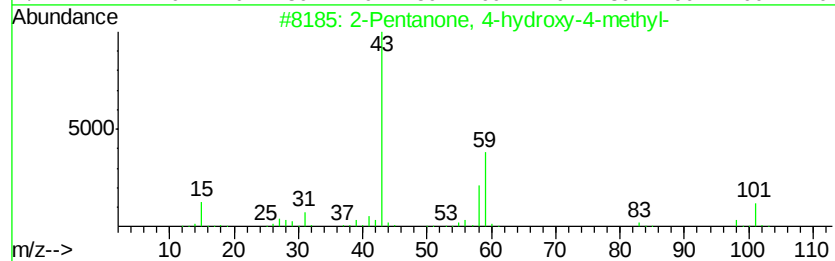
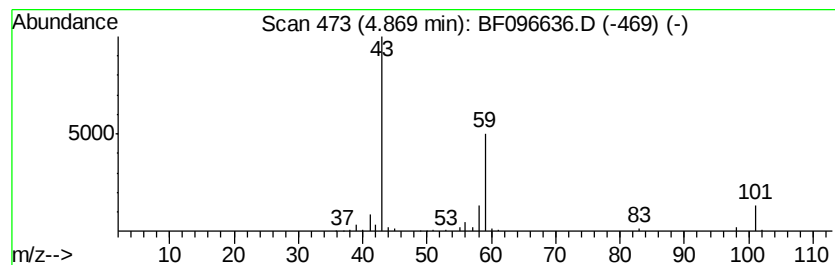
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown4.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	14.55 ng	482158	1,4-Dichlorobenzene-d4	6.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			3-Hexanol	102	C6H14O	000623-37-0	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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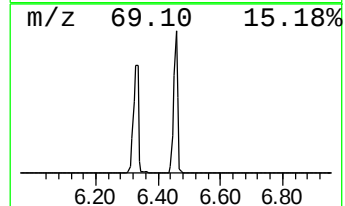
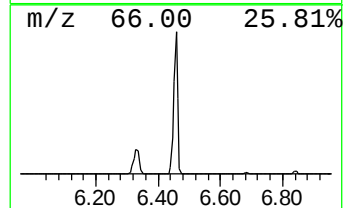
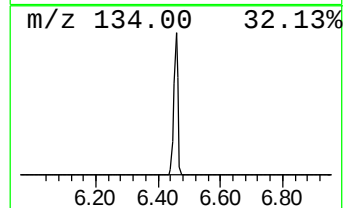
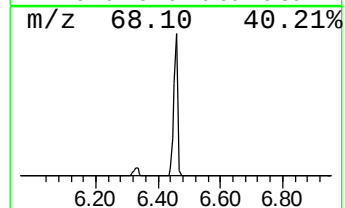
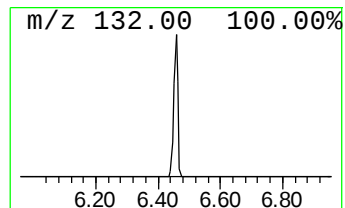
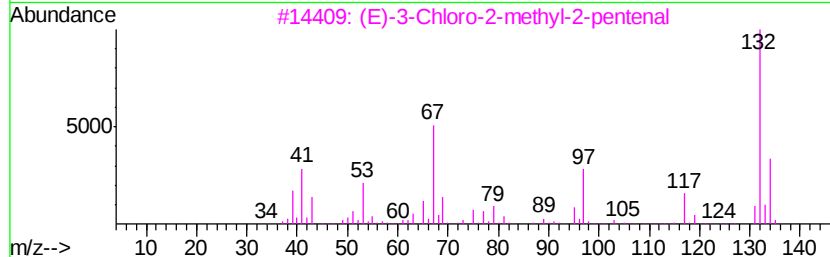
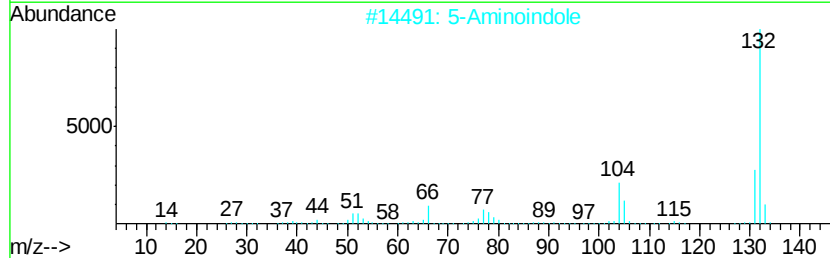
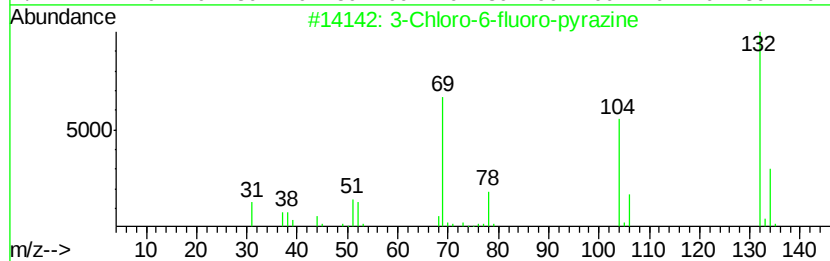
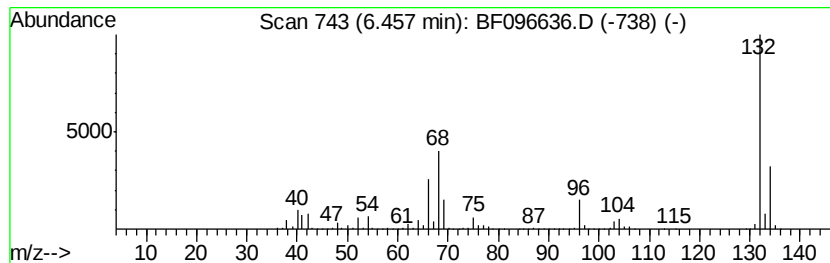
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Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	72.27 ng	2394280	1,4-Dichlorobenzene-d4	6.69

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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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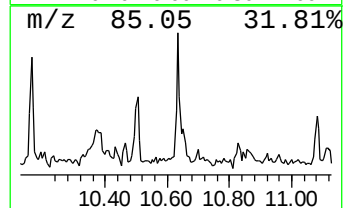
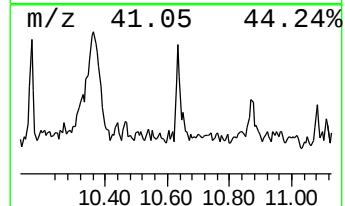
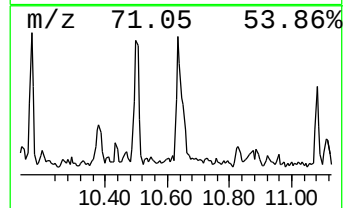
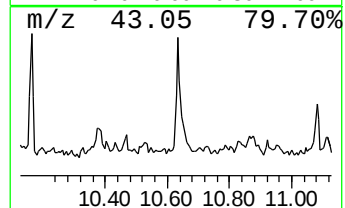
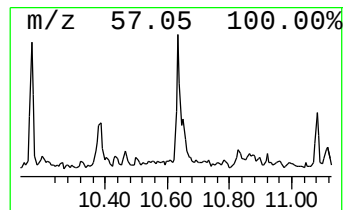
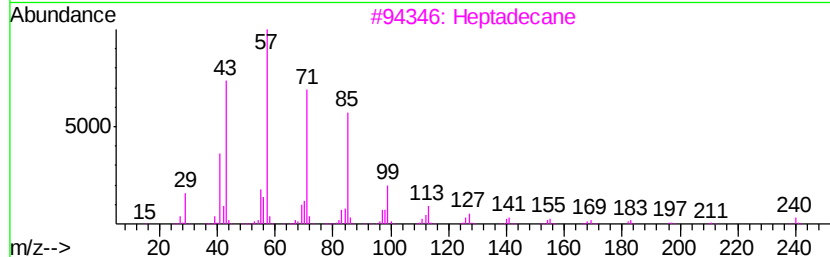
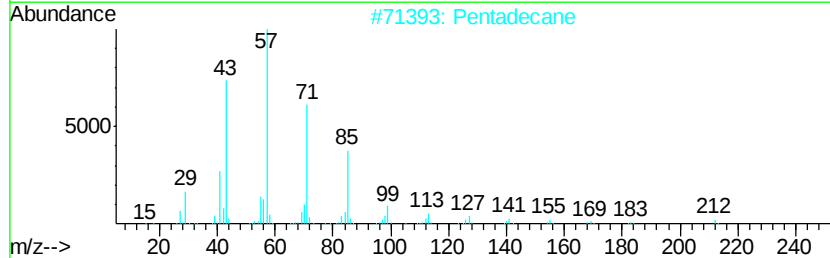
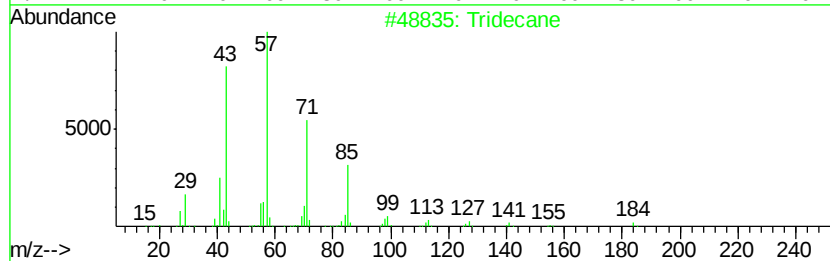
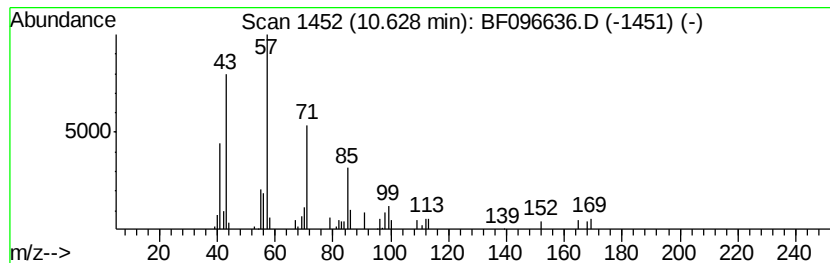
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.63	2.16 ng	86790	Phenanthrene-d10		11.19		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Pentadecane	212	C15H32	000629-62-9	86
3			Heptadecane	240	C17H36	000629-78-7	72
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5			Tetradecane	198	C14H30	000629-59-4	64



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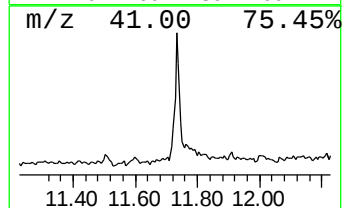
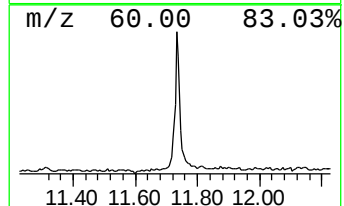
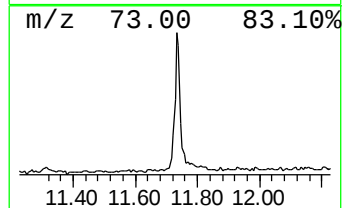
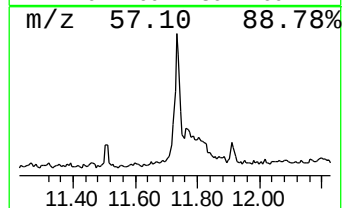
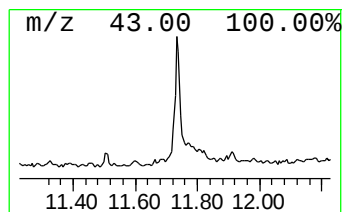
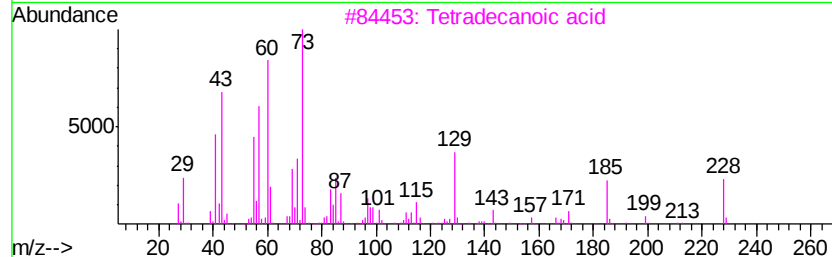
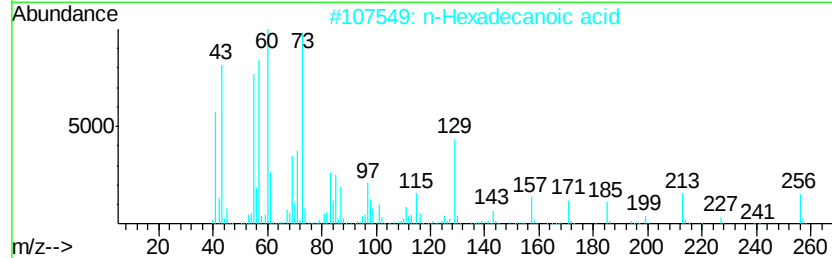
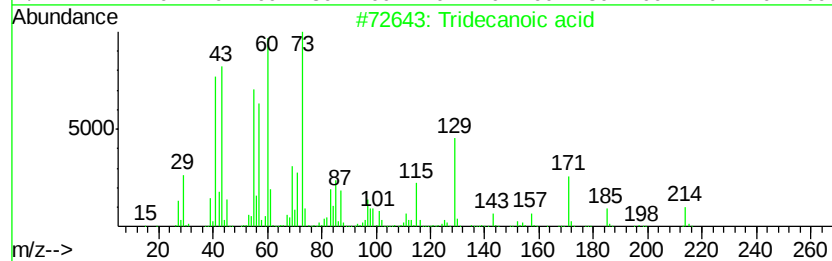
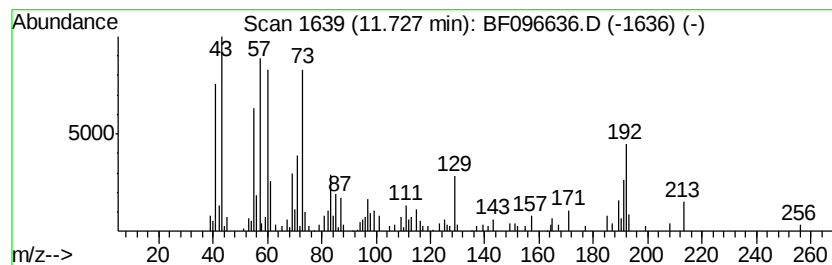
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.81 ng	314149	Phenanthrene-d10	11.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Undecanoic acid	186	C11H22O2	000112-37-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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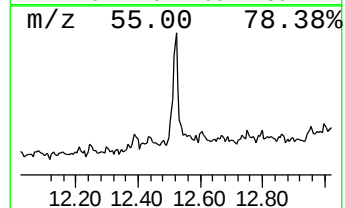
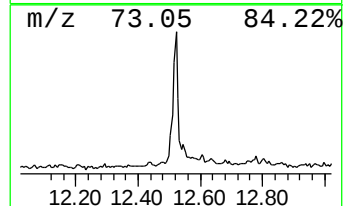
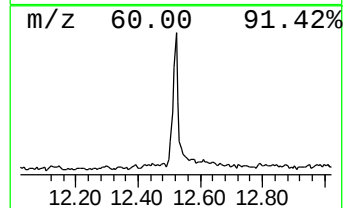
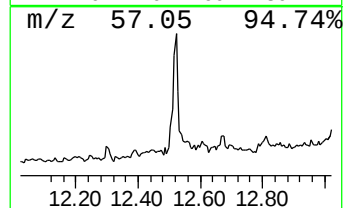
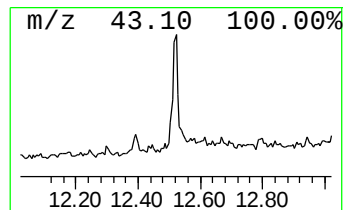
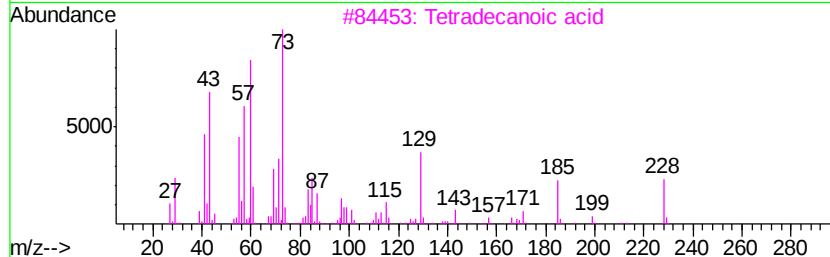
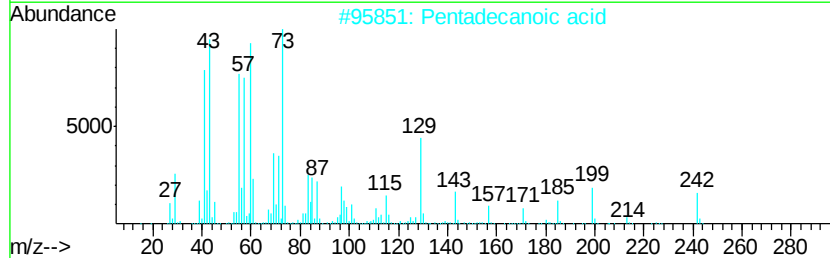
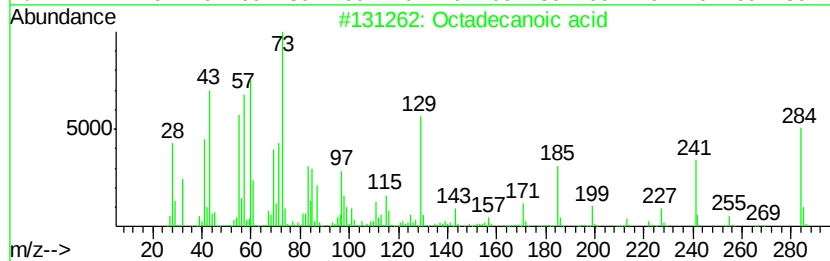
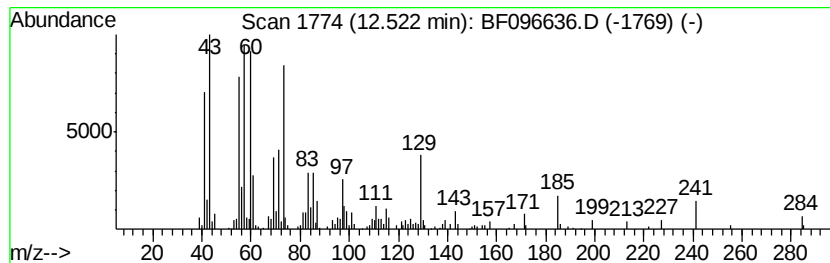
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Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.52	8.46 ng	287129	Chrysene-d12	13.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096636.D
Acq On : 11 Jul 2017 11:26
Operator : SJ/JU
Sample : I3992-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLINTON-NJ-QUARRY-STONE-DUS

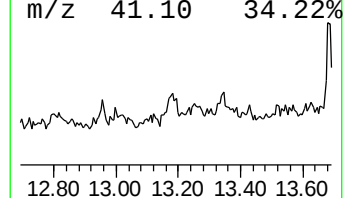
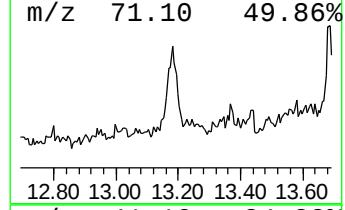
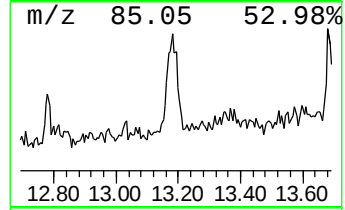
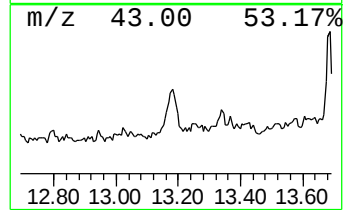
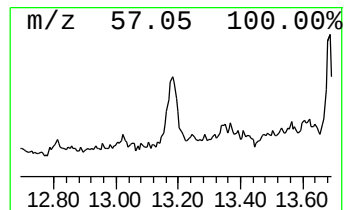
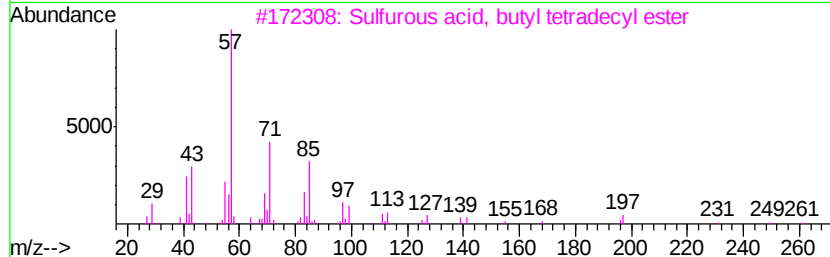
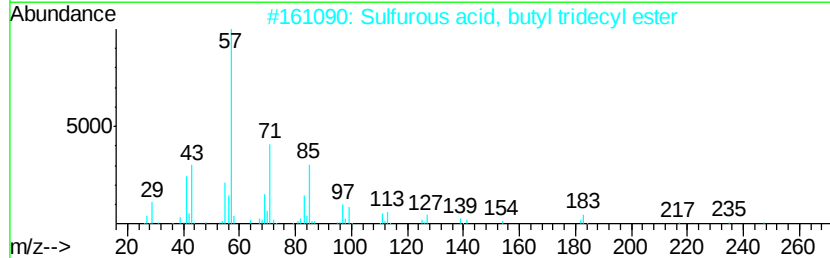
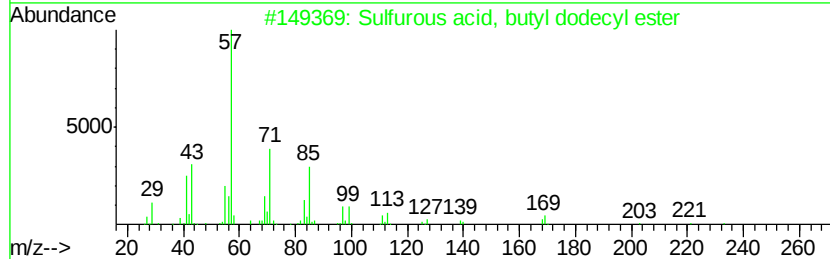
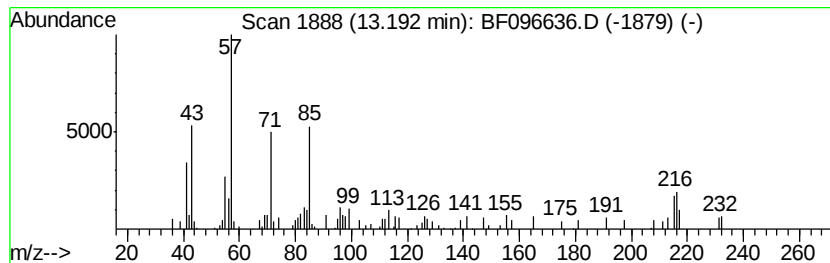
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	4.27 ng	145087	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	45
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	45
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	43
4		Hentriacontane	437	C31H64	000630-04-6	41
5		Pentacosane	352	C25H52	000629-99-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096636.D
Acq On : 11 Jul 2017 11:26
Operator : SJ/JU
Sample : I3992-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

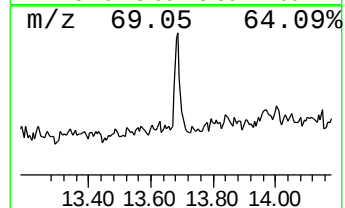
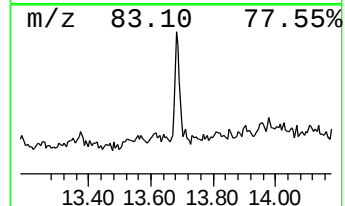
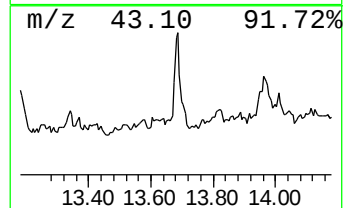
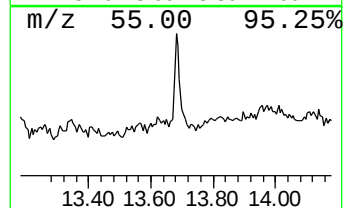
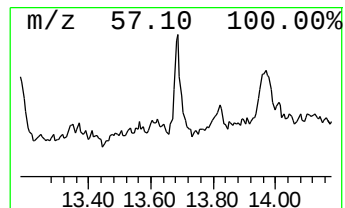
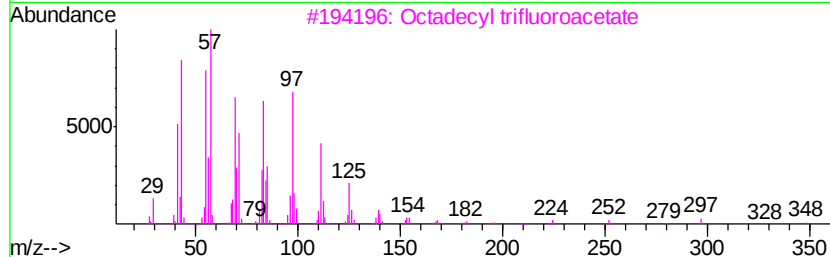
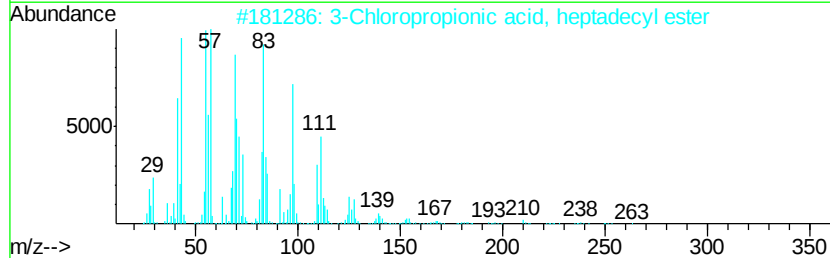
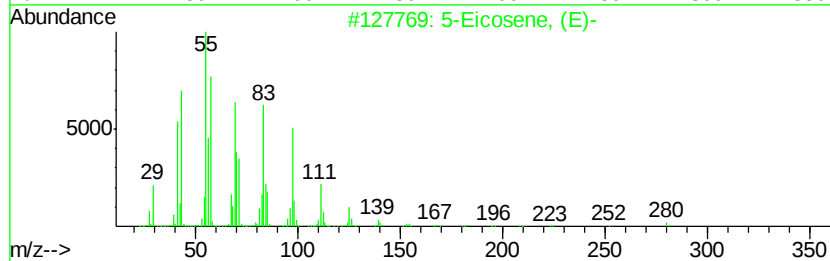
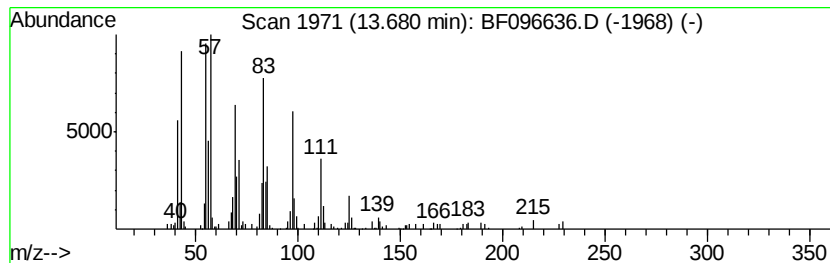
Instrument :
BNA_F
ClientSampleId :
CLINTON-NJ-QUARRY-STONE-DUS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.68	5.75 ng	195300	Chrysene-d12	13.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	91
2	3-Chloropropionic acid, heptadec...		346	C20H39ClO2	1000283-05-1	91
3	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	91
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
5	17-Pentatriacontene		491	C35H70	006971-40-0	83



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Operator : SJ/JU
Sample : I3992-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

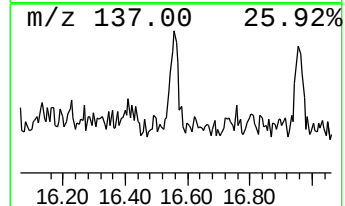
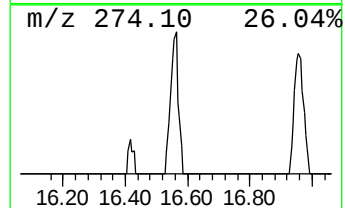
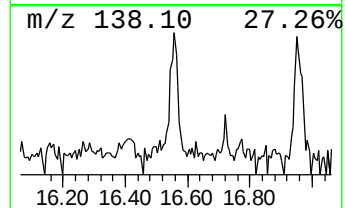
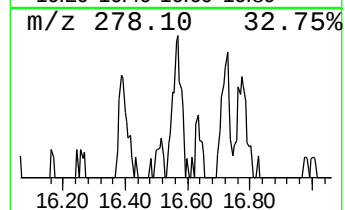
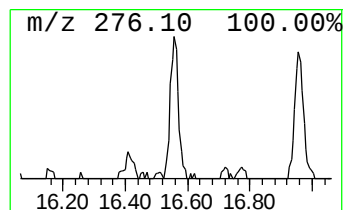
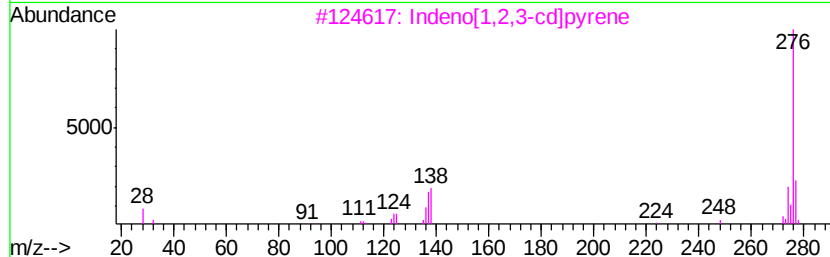
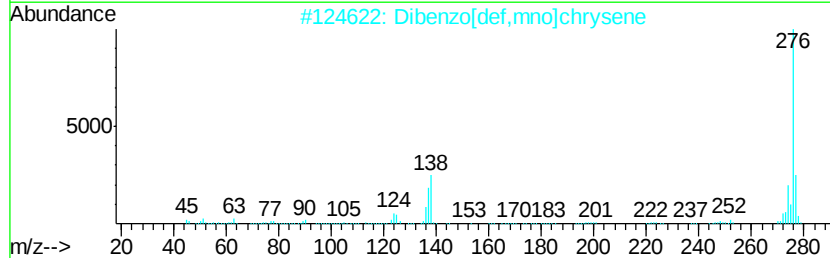
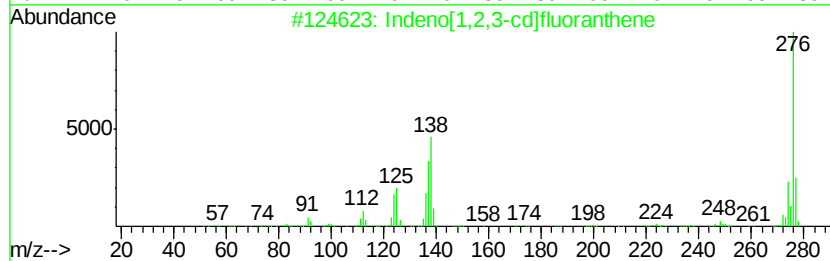
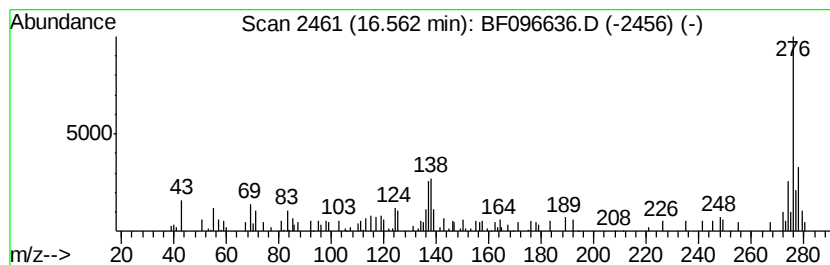
Instrument :
BNA_F
ClientSampleId :
CLINTON-NJ-QUARRY-STONE-DUS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indeno[1,2,3-cd]fluoranthene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.56	2.26 ng	67029	Perylene-d12	15.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	86	
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76	
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	70	
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	70	
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	50	



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Sample : I3992-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLINTON-NJ-QUARRY-STONE-DUS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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
unknown4.87	4.87	14.6	ng	482158	1	6.69	662595	20.0
unknown6.46	6.46	72.3	ng	2394280	1	6.69	662595	20.0
Tridecane	10.63	2.2	ng	86790	4	11.19	804426	20.0
Tridecanoic acid	11.73	7.8	ng	314149	4	11.19	804426	20.0
Octadecanoic acid	12.52	8.5	ng	287129	5	13.82	678881	20.0
unknown13.19	13.19	4.3	ng	145087	5	13.82	678881	20.0
5-Eicosene, (E)-	13.68	5.8	ng	195300	5	13.82	678881	20.0
Indeno[1,2,3-cd]f...	16.56	2.3	ng	67029	6	15.23	594274	20.0