

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102879.D
 Acq On : 9 Feb 2018 10:56
 Operator : SJ/JU
 Sample : J1492-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-4-DENSE-GRADE-AGG-RCA

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-BF020318.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	2.146	5	10	18	rVB	359593	454938	8.64%	1.269%
2	5.116	508	515	518	rVB	3307216	5267640	100.00%	14.695%
3	5.498	576	580	584	rBV	2187309	2070042	39.30%	5.775%
4	6.410	732	735	742	rBV	99031	117456	2.23%	0.328%
5	6.510	747	752	766	rVV	2979381	3022332	57.38%	8.431%
6	6.651	772	776	779	rBV	2840490	2490942	47.29%	6.949%
7	6.886	812	816	819	rVB	1216292	1092751	20.74%	3.048%
8	7.039	838	842	846	rBV	2994001	2666337	50.62%	7.438%
9	7.445	906	911	914	rBV	2498686	2342215	44.46%	6.534%
10	8.063	1008	1016	1023	rBV	107645	125212	2.38%	0.349%
11	8.169	1030	1034	1037	rBV	1551688	1400697	26.59%	3.907%
12	9.239	1212	1216	1226	rBV	3687144	3566582	67.71%	9.949%
13	9.316	1226	1229	1232	rVV	114348	96106	1.82%	0.268%
14	9.345	1232	1234	1238	rVB2	69886	72536	1.38%	0.202%
15	9.633	1280	1283	1286	rBV	223897	204915	3.89%	0.572%
16	9.845	1313	1319	1321	rBV	197999	161126	3.06%	0.449%
17	9.874	1321	1324	1328	rVB	209144	161637	3.07%	0.451%
18	9.922	1328	1332	1337	rBV2	1641462	1498919	28.46%	4.181%
19	10.345	1397	1404	1407	rBV	239669	212575	4.04%	0.593%
20	10.563	1438	1441	1448	rVB	59183	78255	1.49%	0.218%
21	10.710	1463	1466	1477	rBV	1273719	1174507	22.30%	3.276%
22	10.816	1481	1484	1494	rVB2	196443	251403	4.77%	0.701%
23	10.916	1498	1501	1505	rVV2	79947	86934	1.65%	0.243%
24	10.957	1505	1508	1510	rVV	90969	92521	1.76%	0.258%
25	11.021	1514	1519	1520	rVV2	63653	87012	1.65%	0.243%
26	11.068	1524	1527	1530	rVV3	124417	148769	2.82%	0.415%
27	11.104	1530	1533	1535	rVV	131777	116368	2.21%	0.325%
28	11.145	1538	1540	1550	rVB2	100856	107784	2.05%	0.301%
29	11.268	1558	1561	1563	rBV	112264	94077	1.79%	0.262%
30	11.298	1563	1566	1571	rVB3	46560	63596	1.21%	0.177%
31	11.410	1581	1585	1588	rBV	1540168	1393502	26.45%	3.887%
32	11.433	1588	1589	1596	rVB2	99686	89367	1.70%	0.249%
33	12.492	1765	1769	1773	rBV2	53632	67263	1.28%	0.188%
34	12.621	1788	1791	1798	rVB	81084	89422	1.70%	0.249%

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1-1-4-DENSE-GRADE-AGG-RCA

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.857	1825	1831	1834	rBV2	86429	103872	1.97%	0.290%
36	12.998	1850	1855	1858	rBV	2808245	2658545	50.47%	7.416%
37	13.880	2002	2005	2009	rBV	203100	206126	3.91%	0.575%
38	14.051	2031	2034	2038	rBV	976183	878855	16.68%	2.452%
39	15.539	2282	2287	2299	rVB	759064	1033857	19.63%	2.884%

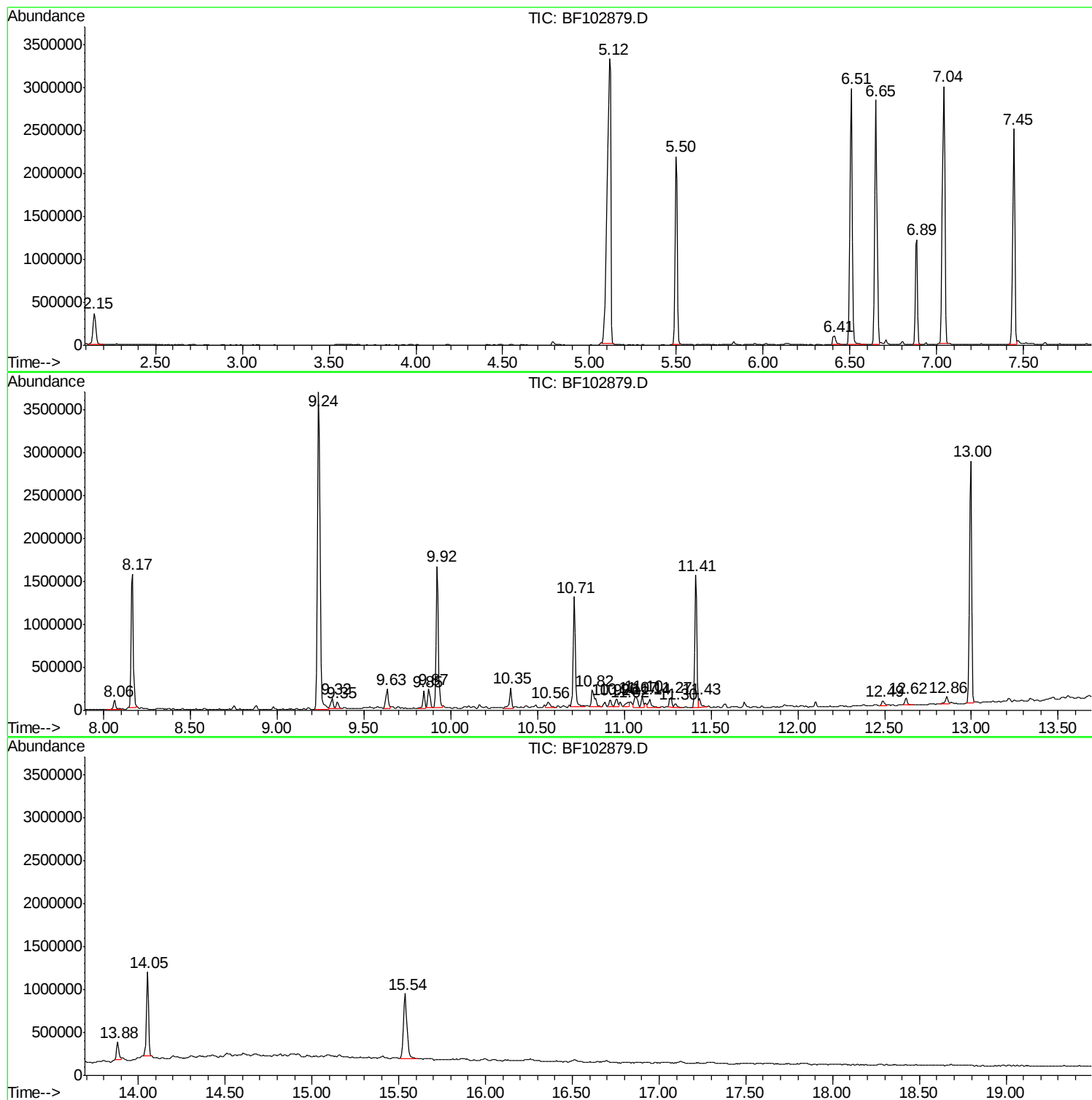
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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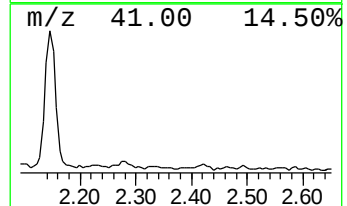
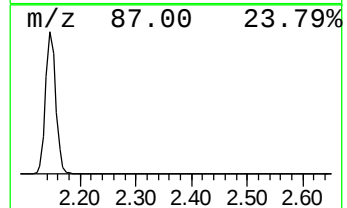
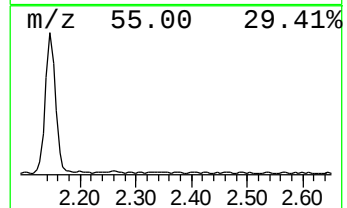
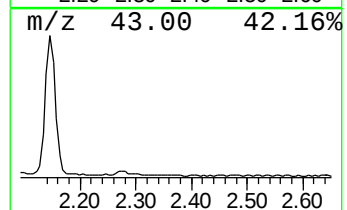
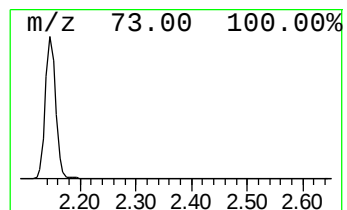
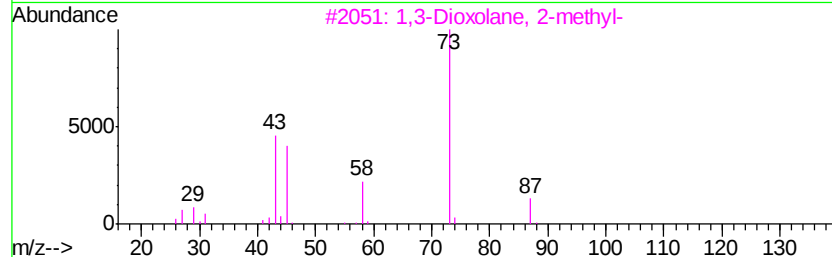
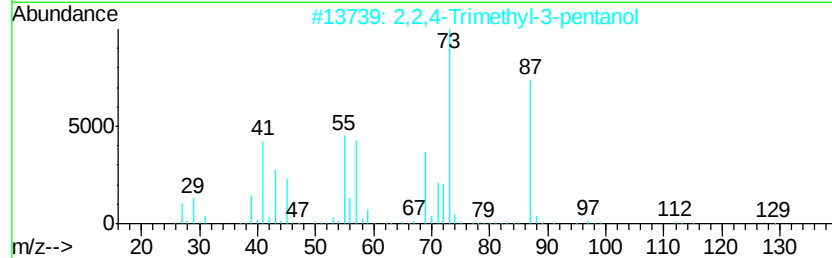
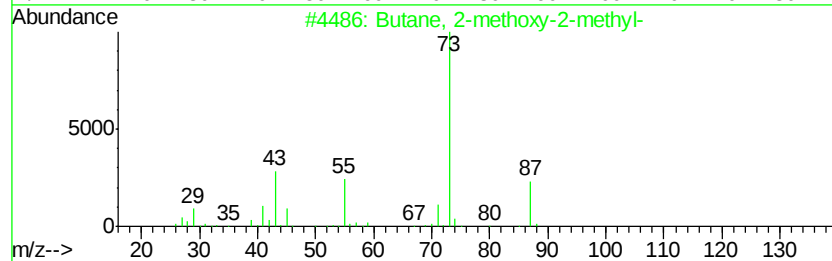
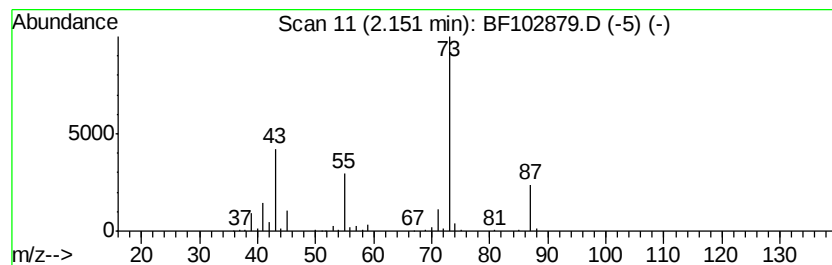
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	8.33 ng	454938	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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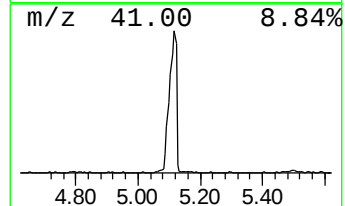
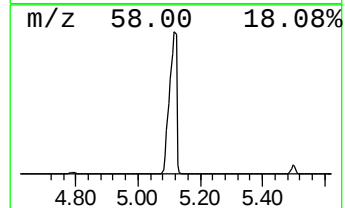
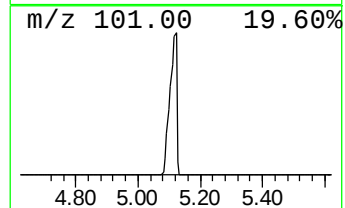
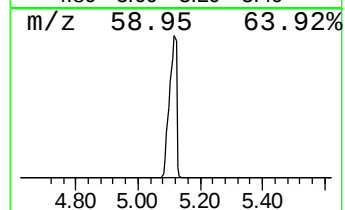
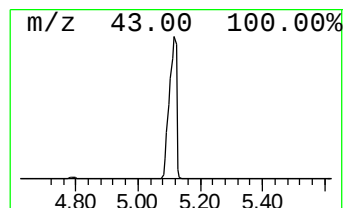
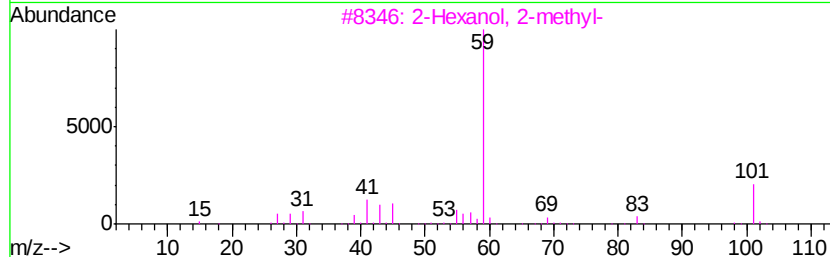
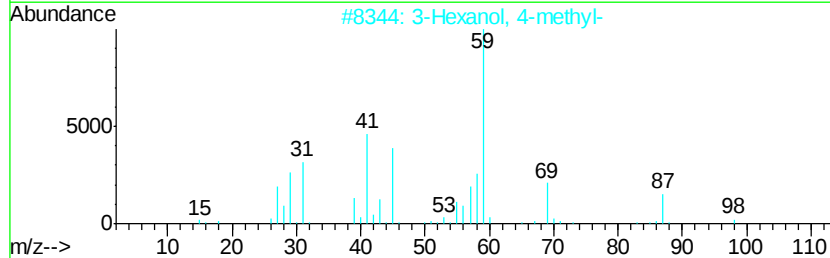
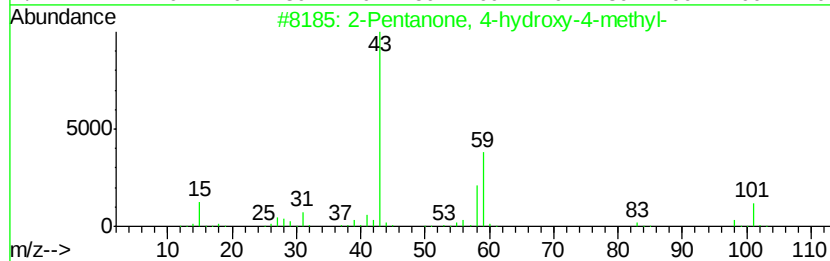
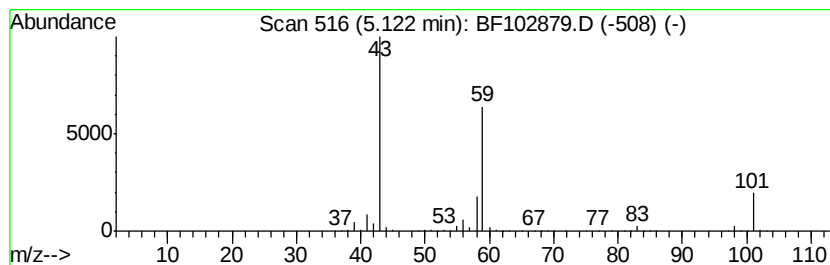
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	96.41 ng	5267640	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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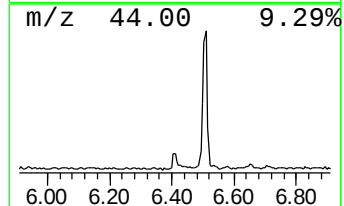
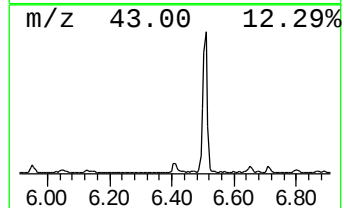
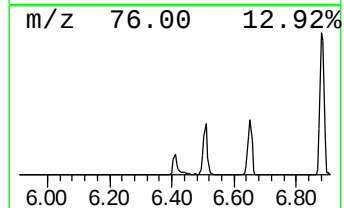
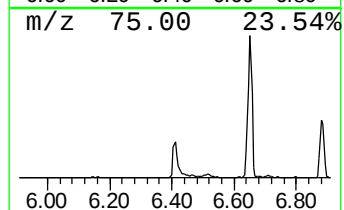
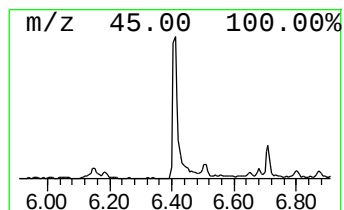
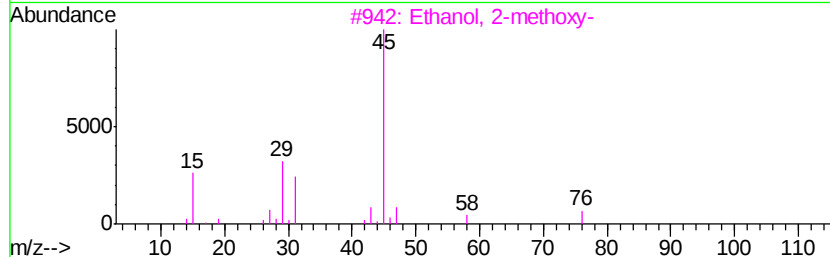
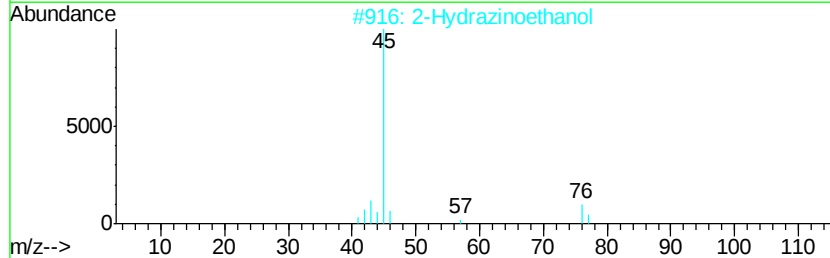
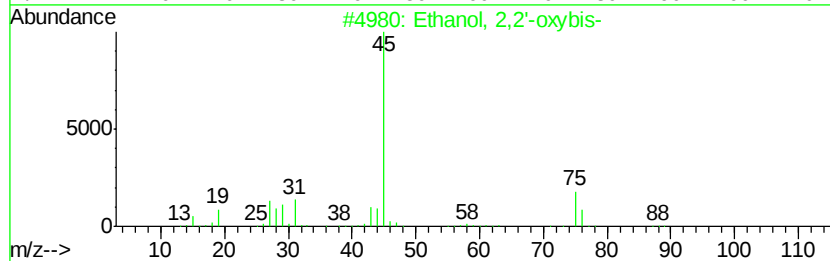
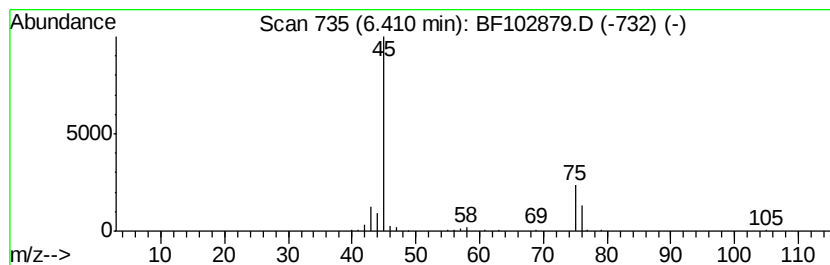
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2,2'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	2.15 ng	117456	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2			2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
3			Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
4			1,2-Propanediol, 3-methoxy-	106	C4H10O3	000623-39-2	9
5			(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9



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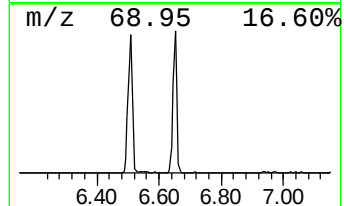
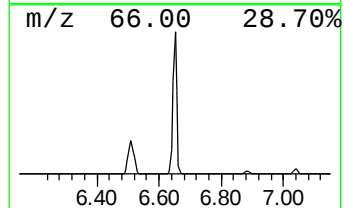
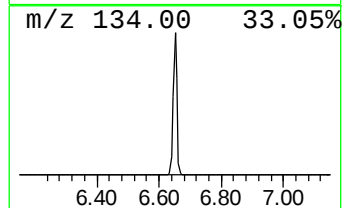
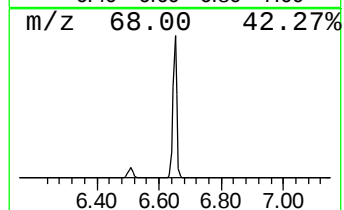
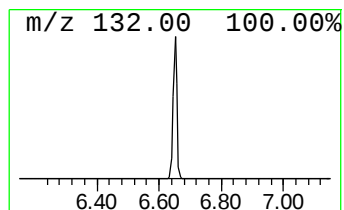
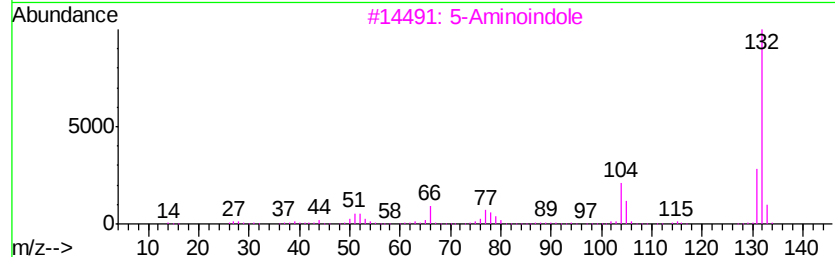
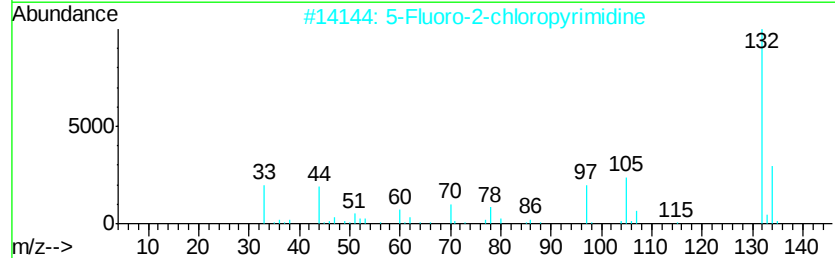
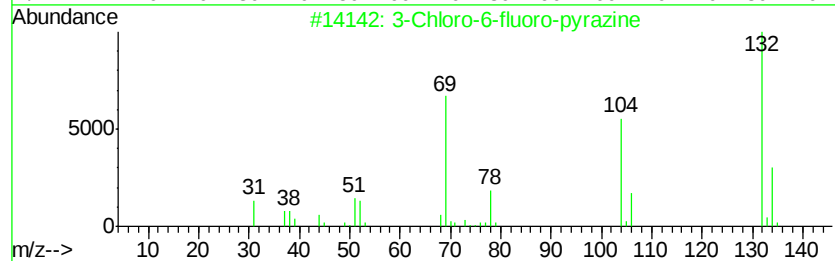
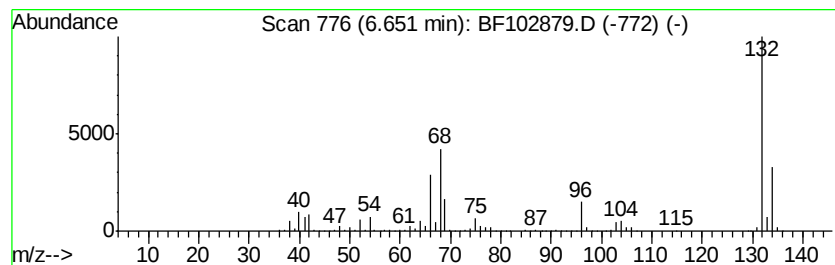
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	45.59 ng	2490940	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
3	5-Aminoindole	132	C8H8N2	005192-03-0	12	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9	



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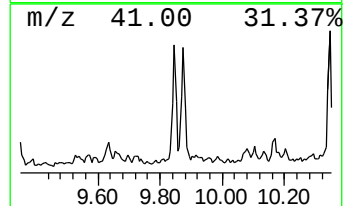
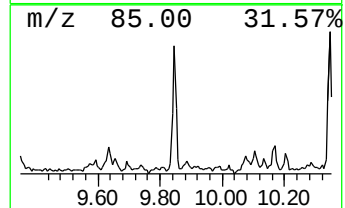
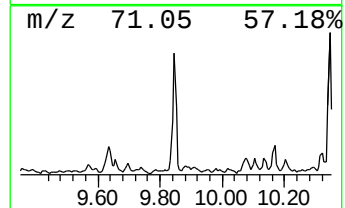
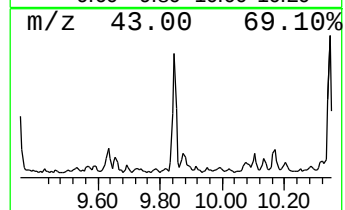
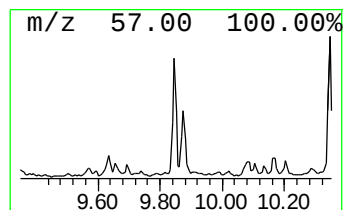
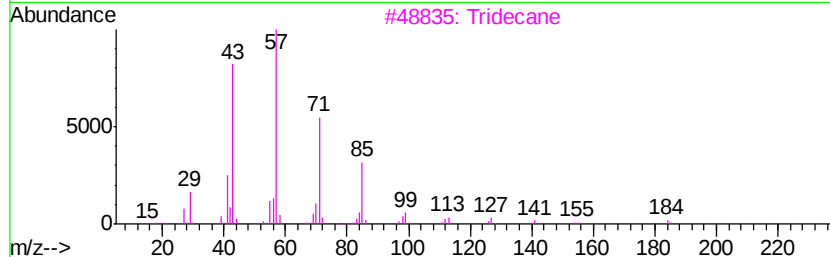
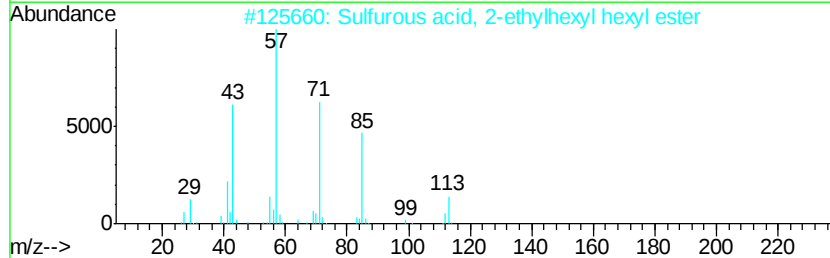
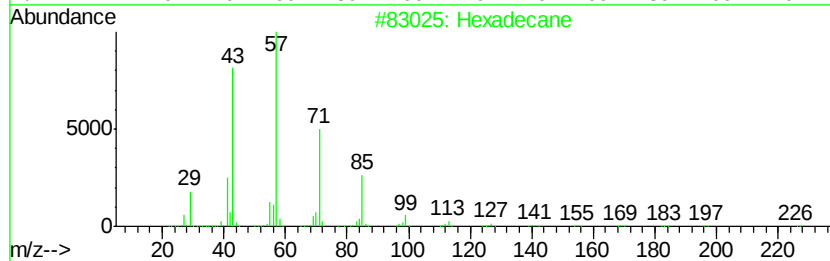
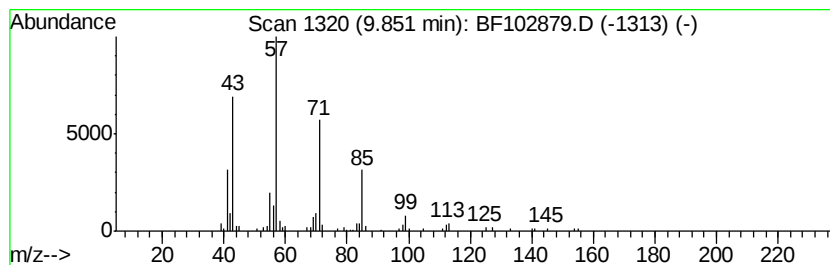
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.15 ng	161126	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	64
3	Tridecane	184 C13H28	000629-50-5	64
4	Sulfurous acid, 2-propyl undecyl...	278 C14H30O3S	1000309-12-2	64
5	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102879.D
Acq On : 9 Feb 2018 10:56
Operator : SJ/JU
Sample : J1492-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

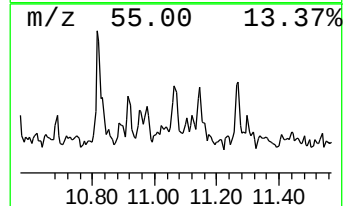
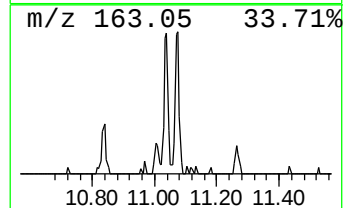
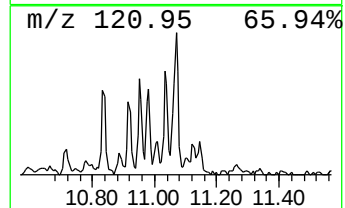
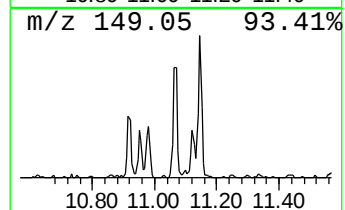
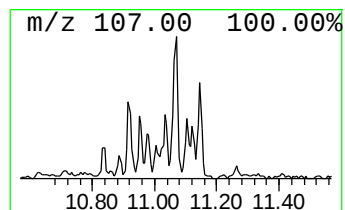
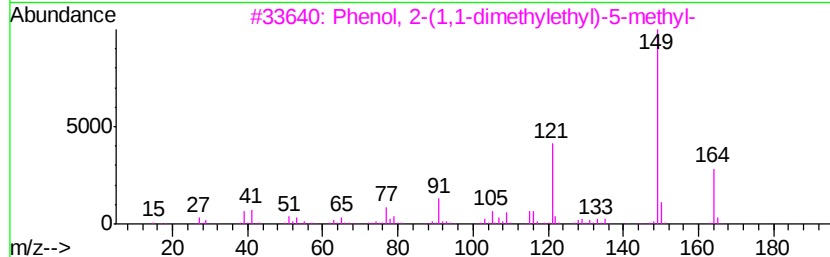
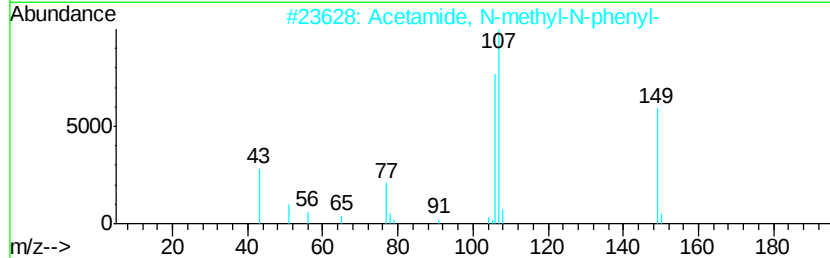
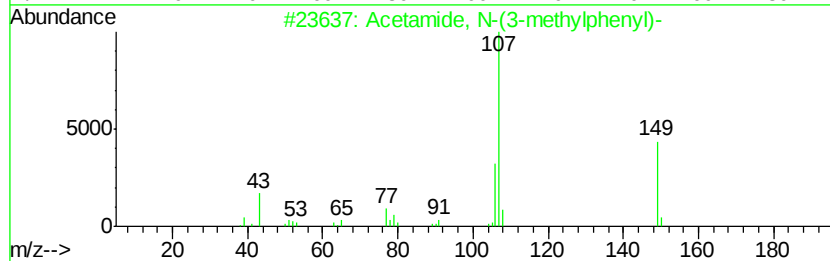
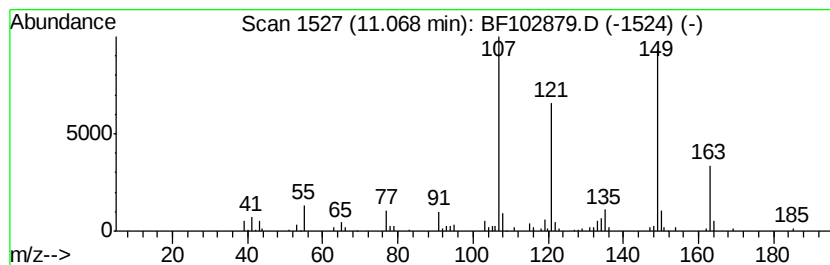
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Acetamide, N-(3-methylphenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.14 ng	148769	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2		Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	47
3		Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	38
4		Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	35
5		Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	35



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Operator : SJ/JU
Sample : J1492-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

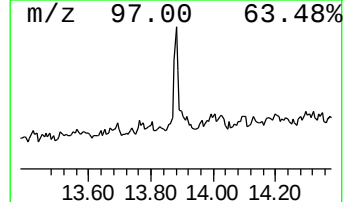
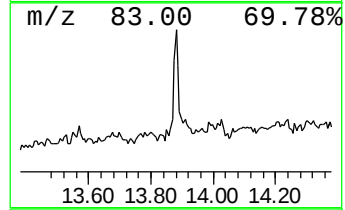
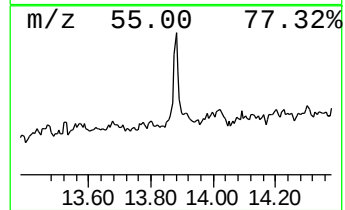
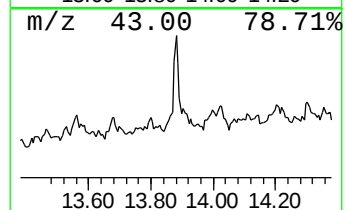
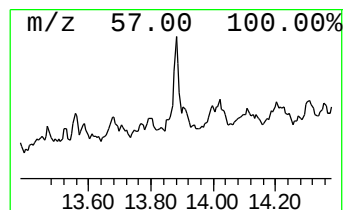
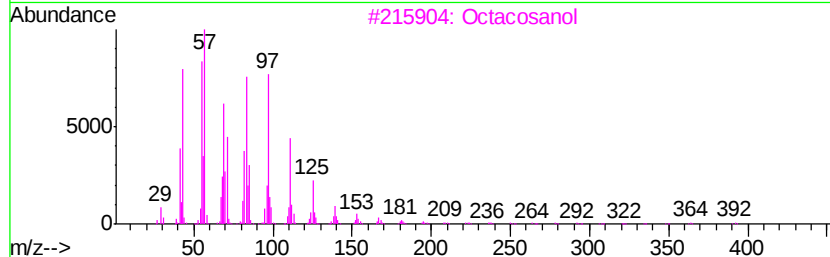
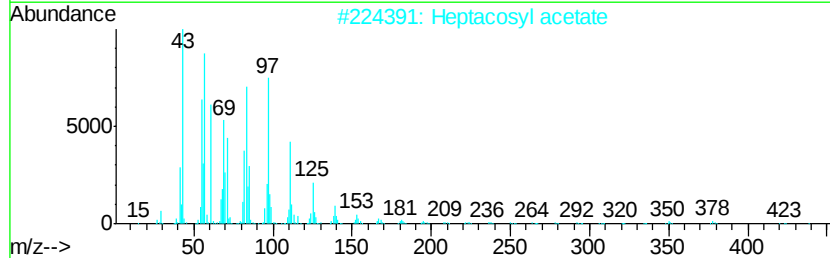
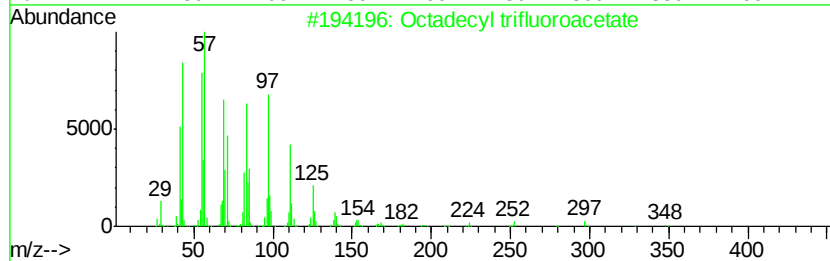
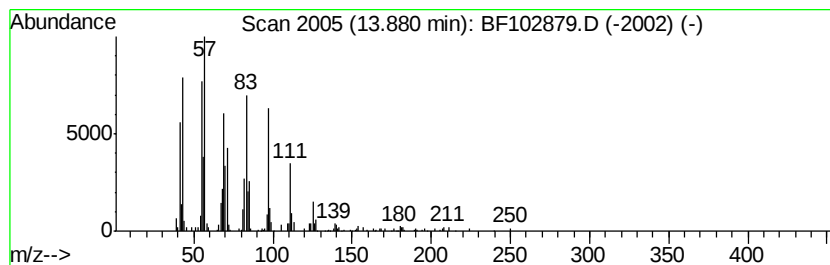
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.69 ng	206126	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2		Heptacosyl acetate	438	C29H58O2	1000351-78-2	91
3		Octacosanol	410	C28H58O	000557-61-9	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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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...	2.15	8.3	ng	454938	1	6.89	1092750	20.0
2-Pentanone, 4-hy...	5.12	96.4	ng	5267640	1	6.89	1092750	20.0
Ethanol, 2,2'-oxy...	6.41	2.1	ng	117456	1	6.89	1092750	20.0
unknown6.65	6.65	45.6	ng	2490940	1	6.89	1092750	20.0
Hexadecane	9.85	2.1	ng	161126	3	9.92	1498920	20.0
Acetamide, N-(3-m...	11.07	2.1	ng	148769	4	11.41	1393500	20.0
Octadecyl trifluo...	13.88	4.7	ng	206126	5	14.05	878855	20.0