

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105341.D
 Acq On : 12 May 2018 16:55
 Operator : JU/SJ
 Sample : J2870-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RUBBLE-PILE-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-BF051018.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	2.551	74	79	86	rBV	81690	137637	3.45%	0.380%
2	4.998	490	495	502	rVB	142842	192275	4.81%	0.531%
3	5.404	559	564	584	rBV	3098044	3479156	87.12%	9.609%
4	6.428	733	738	756	rBV	2764229	3593072	89.97%	9.924%
5	6.557	756	760	782	rVB	3409900	3625843	90.79%	10.015%
6	6.786	796	799	807	rBV	992394	928741	23.26%	2.565%
7	6.845	807	809	822	rVV	65851	58368	1.46%	0.161%
8	6.945	822	826	849	rVB	2929333	2774730	69.48%	7.664%
9	7.351	890	895	906	rBV	2080587	2293678	57.43%	6.335%
10	8.069	1013	1017	1038	rVB	1475362	1336973	33.48%	3.693%
11	8.839	1144	1148	1160	rBV	55201	130084	3.26%	0.359%
12	9.145	1195	1200	1211	rBV	4175770	3993630	100.00%	11.030%
13	9.539	1263	1267	1278	rBV	560249	484475	12.13%	1.338%
14	9.745	1297	1302	1308	rBV2	31894	52003	1.30%	0.144%
15	9.822	1311	1315	1324	rVV	1542767	1398651	35.02%	3.863%
16	10.239	1380	1386	1391	rBV	209449	203424	5.09%	0.562%
17	10.616	1445	1450	1466	rBV	2370411	2602823	65.17%	7.189%
18	11.310	1564	1568	1576	rBV	1493598	1364747	34.17%	3.769%
19	11.839	1654	1658	1662	rBV	539333	491449	12.31%	1.357%
20	12.621	1788	1791	1796	rBV	109031	113143	2.83%	0.313%
21	12.904	1834	1839	1842	rBV	3294564	3230437	80.89%	8.922%
22	13.386	1918	1921	1925	rBV	563075	527473	13.21%	1.457%
23	13.827	1993	1996	2005	rVB	437681	498145	12.47%	1.376%
24	13.998	2020	2025	2035	rVB	964026	1066476	26.70%	2.946%
25	14.533	2113	2116	2120	rVB2	68482	75441	1.89%	0.208%
26	15.545	2284	2288	2307	rVB	822113	1269075	31.78%	3.505%
27	16.027	2367	2370	2373	rBV3	33719	45604	1.14%	0.126%
28	16.080	2375	2379	2383	rVV4	60581	93889	2.35%	0.259%
29	16.286	2411	2414	2421	rVB	87204	144131	3.61%	0.398%

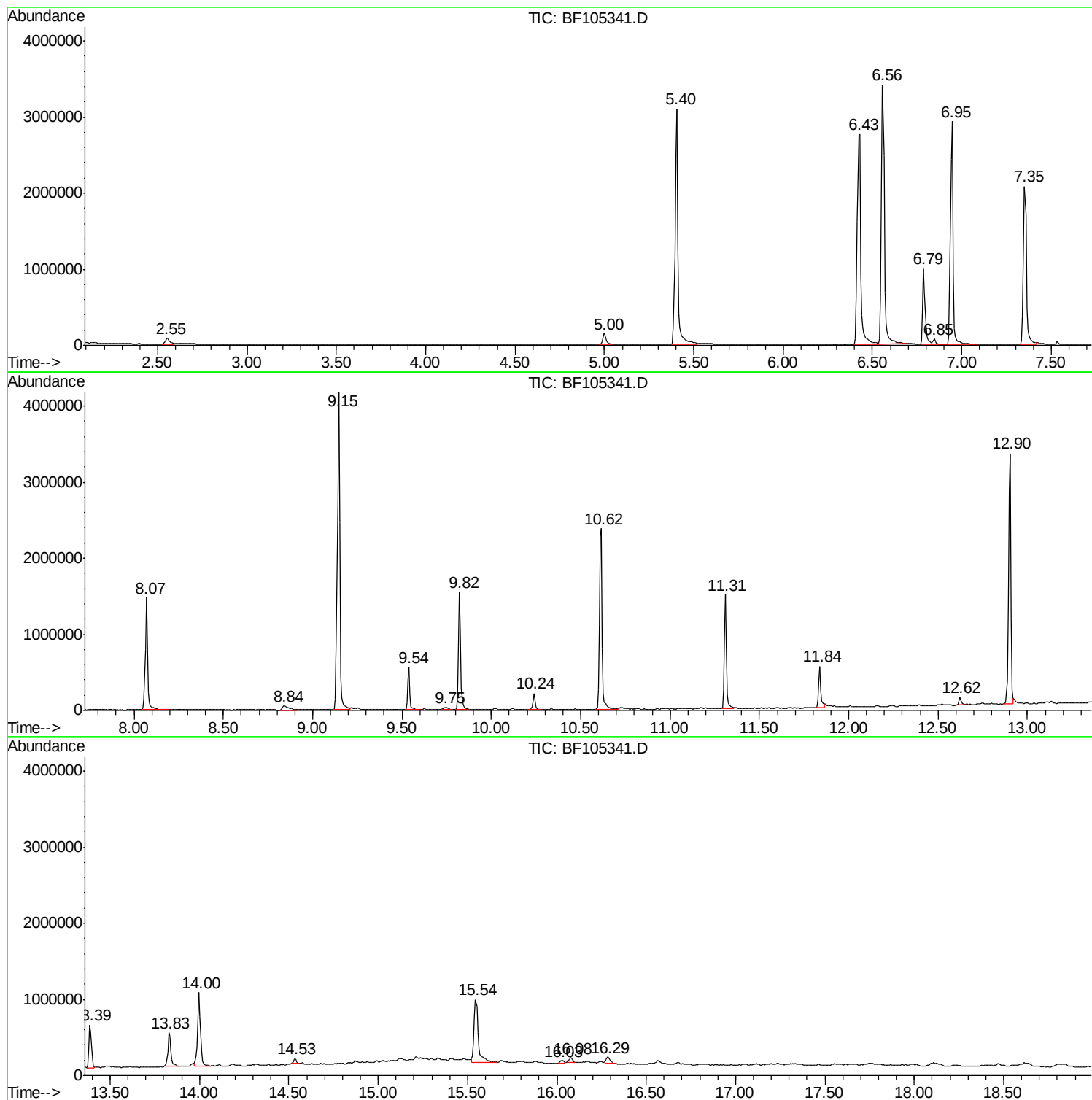
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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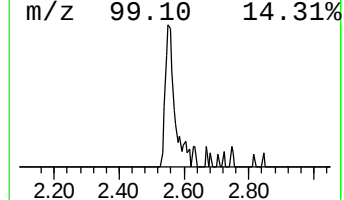
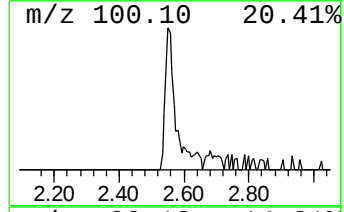
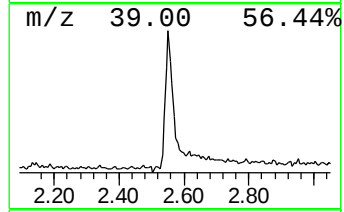
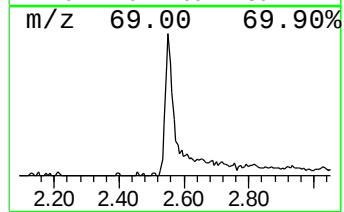
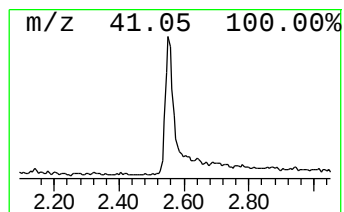
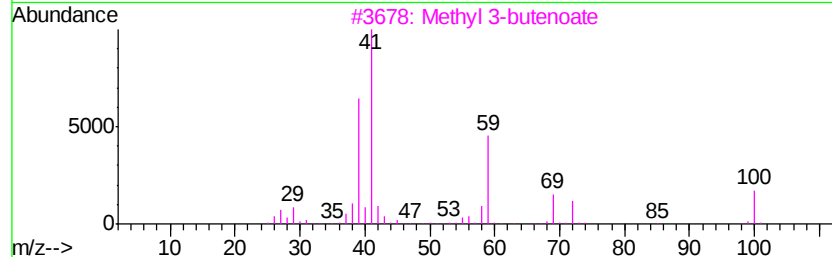
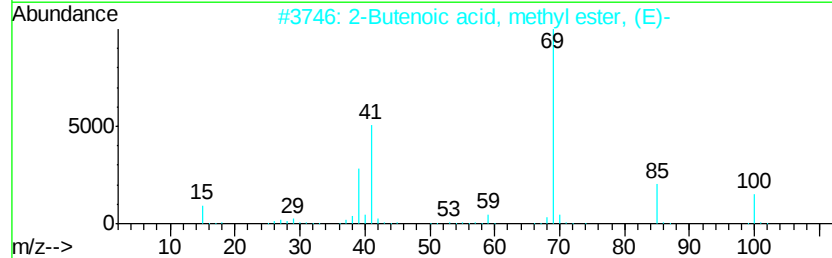
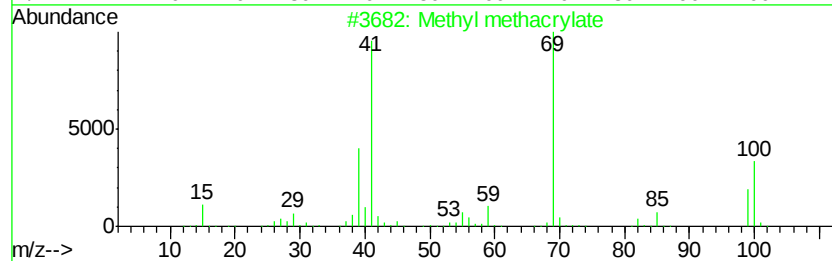
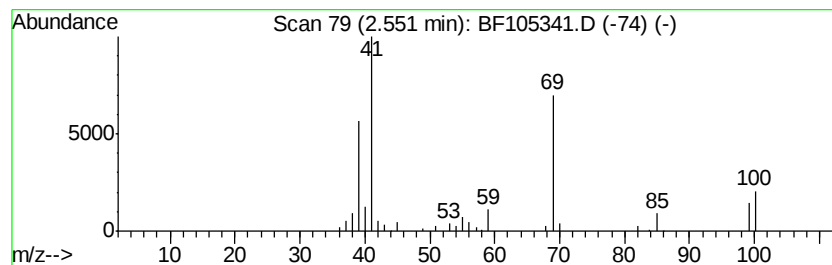
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methyl methacrylate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	2.96 ng	137637	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl methacrylate	100	C5H8O2	000080-62-6	87
2		2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	59
3		Methyl 3-butenate	100	C5H8O2	003724-55-8	45
4		2-Propenoic acid, 2-methyl-, 2-p...	124	C7H8O2	013861-22-8	37
5		Crotonoyl bromide	148	C4H5BrO	055600-70-9	37



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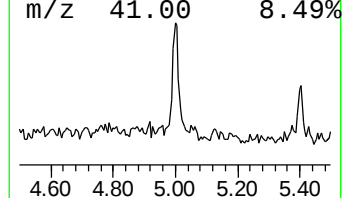
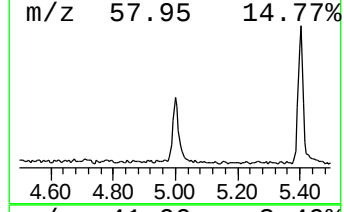
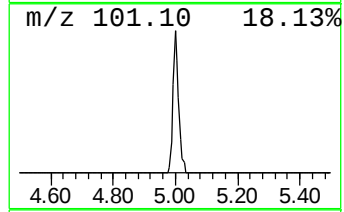
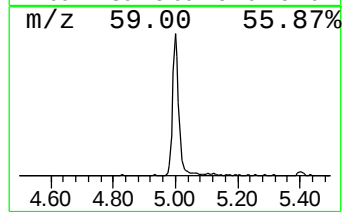
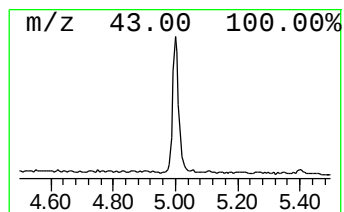
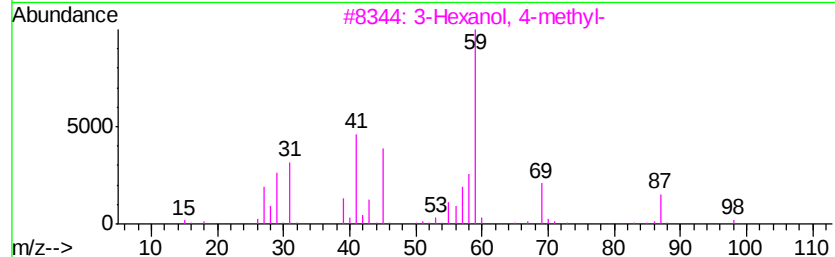
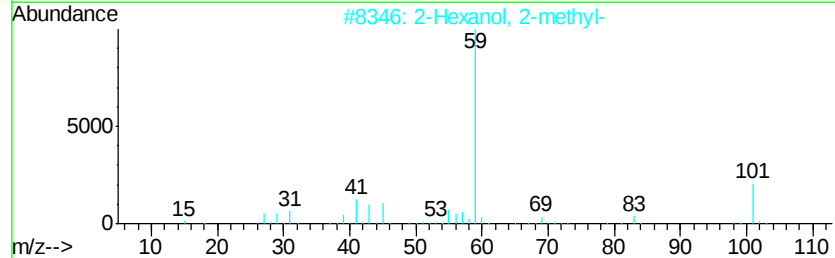
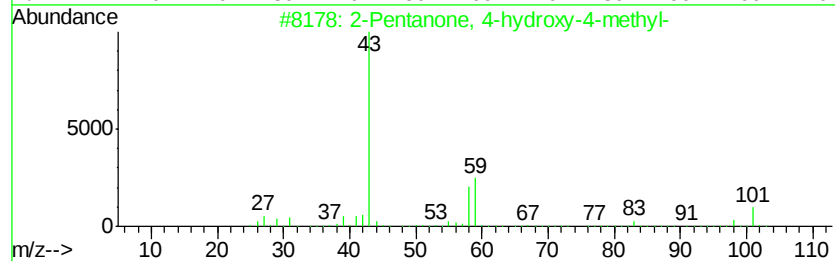
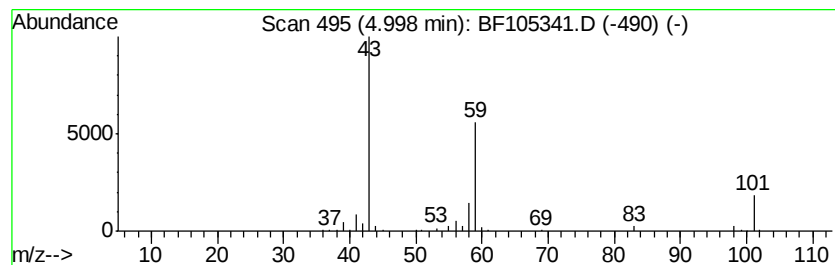
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.14 ng	192275	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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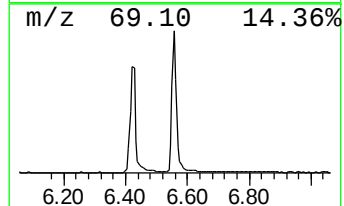
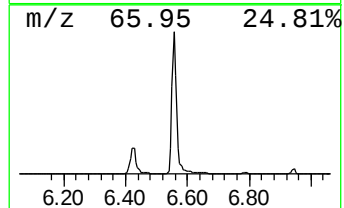
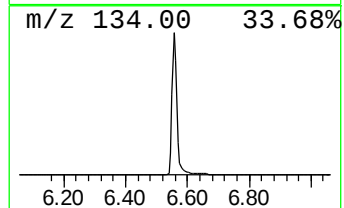
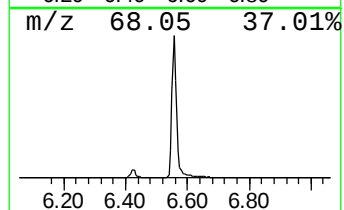
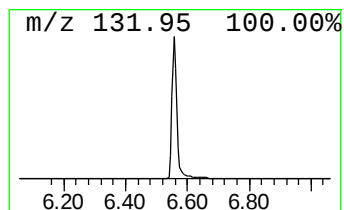
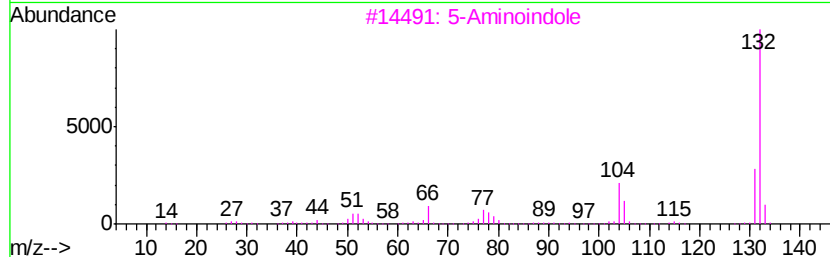
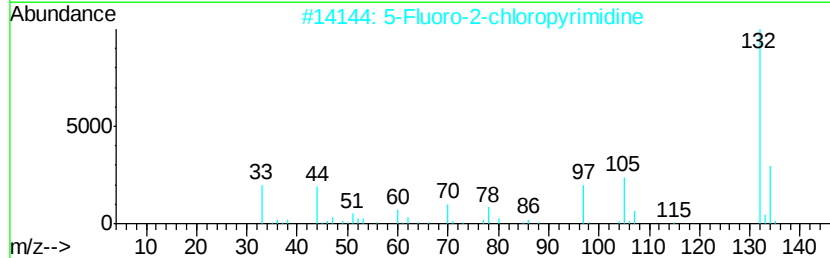
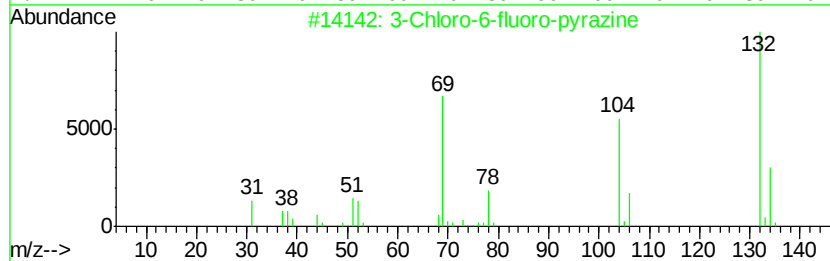
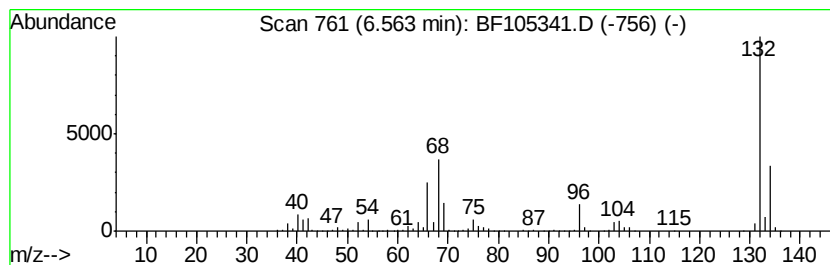
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Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	78.08 ng	3625840	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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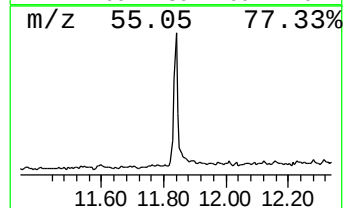
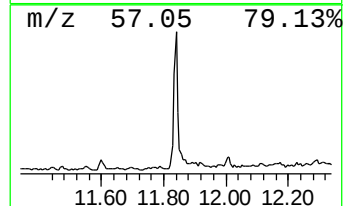
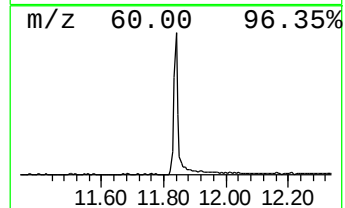
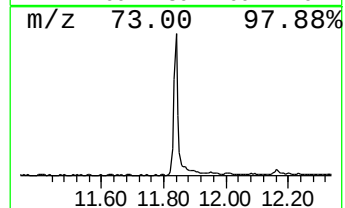
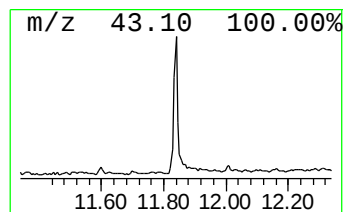
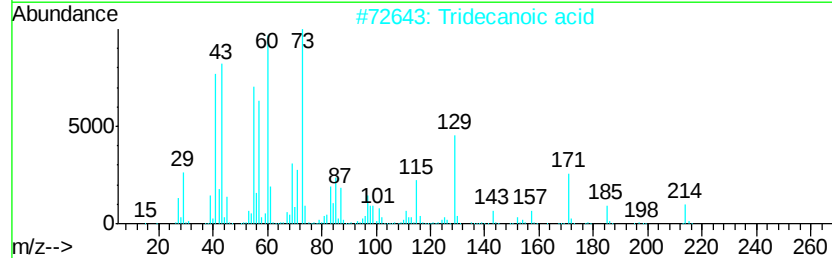
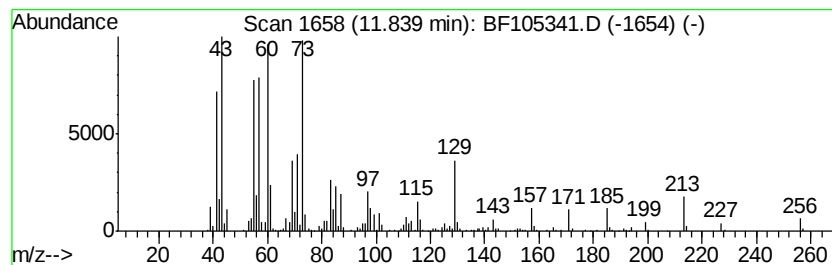
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	7.20 ng	491449	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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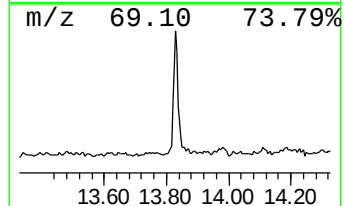
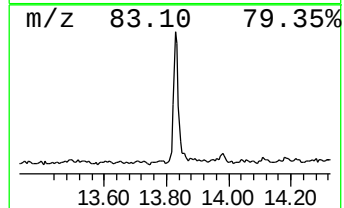
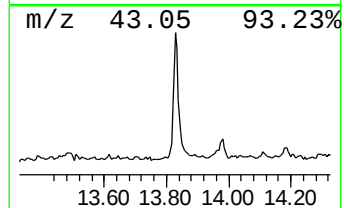
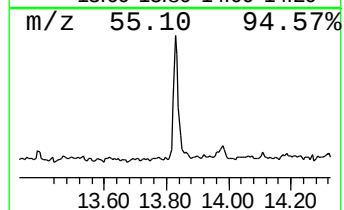
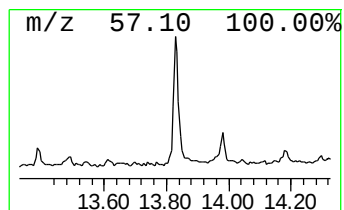
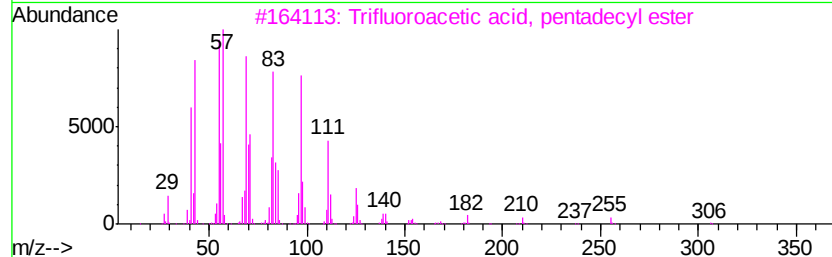
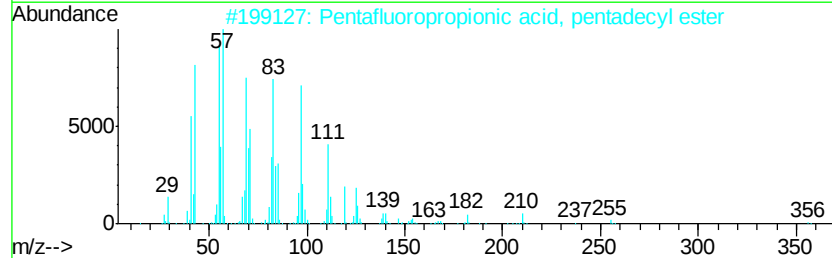
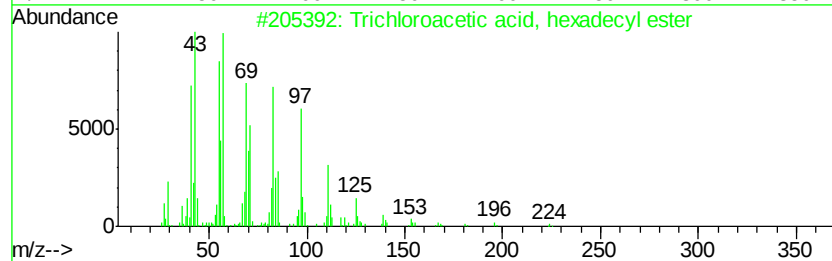
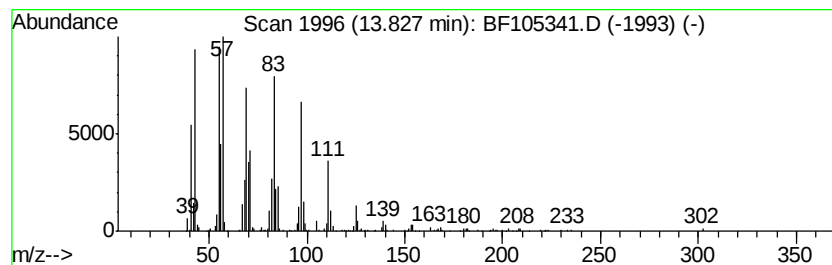
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Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	9.34 ng	498145	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Trifluoroacetox hexadecane	338	C18H33F3O2	006222-03-3	91



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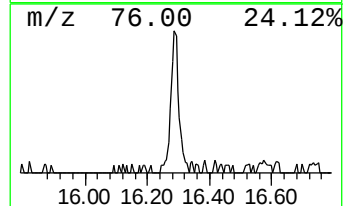
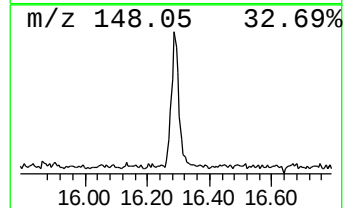
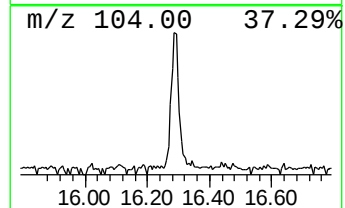
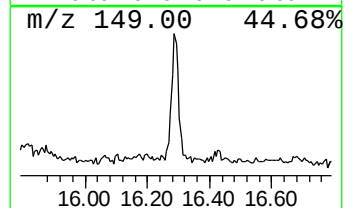
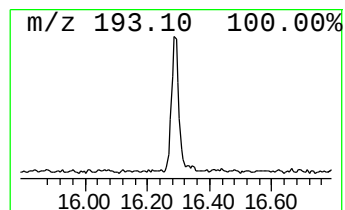
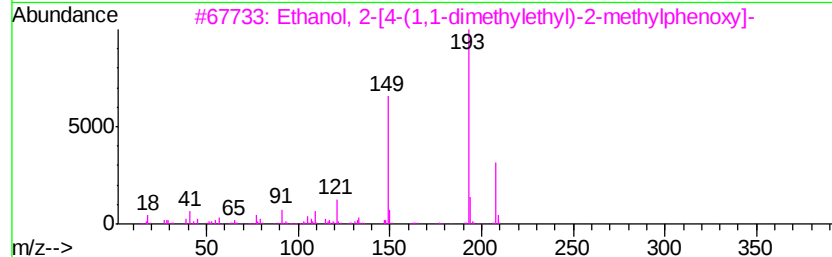
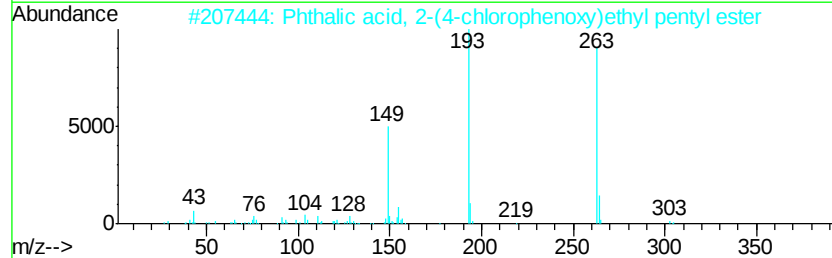
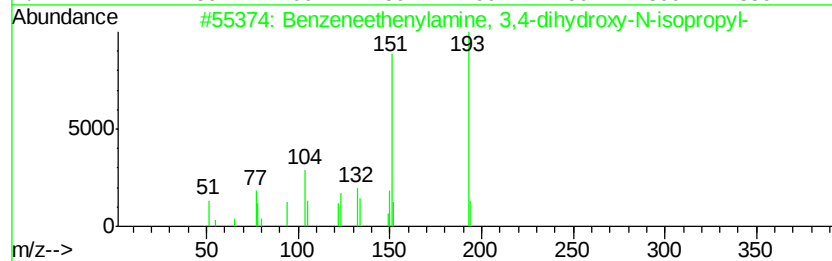
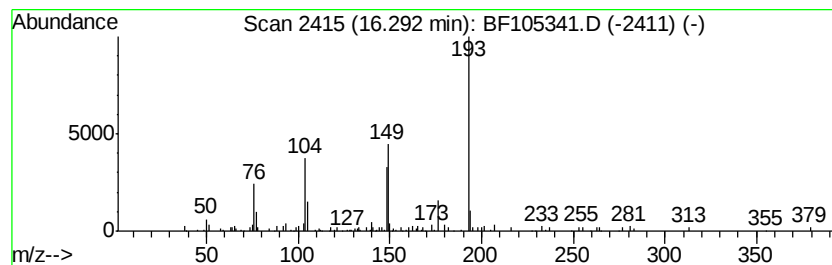
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.29 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.27 ng	144131	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethenylamine, 3,4-dihydro...	193	C11H15N02	1000124-87-0	35
2		Phthalic acid, 2-(4-chlorophenox...	390	C21H23Cl05	1000377-90-6	33
3		Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	28
4		Benzeneethanamine, N-methyl-3-ni...	284	C17H20N2O2	052059-40-2	25
5		Acetic acid, 2-[4-(1-oxopropyl)p...	222	C12H14O4	1000349-98-2	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
Data File : BF105341.D
Acq On : 12 May 2018 16:55
Operator : JU/SJ
Sample : J2870-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RUBBLE-PILE-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051018.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
Methyl methacrylate	2.55	3.0	ng	137637	1	6.79	928741	20.0
2-Pentanone, 4-hy...	5.00	4.1	ng	192275	1	6.79	928741	20.0
unknown6.56	6.56	78.1	ng	3625840	1	6.79	928741	20.0
n-Hexadecanoic acid	11.84	7.2	ng	491449	4	11.31	1364750	20.0
Trichloroacetic a...	13.83	9.3	ng	498145	5	14.00	1066480	20.0
unknown16.29	16.29	2.3	ng	144131	6	15.54	1269080	20.0