LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085810.D
Acq On : 28 Mar 2016 19:19
Operator : UM/SJ
Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

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-BF032416.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	4.116	155	160	161	rBV3	18653	31014	1.05%	0.113%
2	4.150	161	163	165	rVV2	23639	42898	1.45%	0.156%
3	4.298	173	176	179	rVB2	31996	51137	1.73%	0.186%
4	4.996	234	237	243	rBV	568379	885729	29.89%	3.219%
5	5.419	271	274	276	rBV	2304041	2505338	84.56%	9.106%
6	5.819	306	309	313	rBV	85840	84157	2.84%	0.306%
7	6.447	362	364	367	rBV	1761259	2508256	84.65%	9.116%
8	6.584	373	376	378	rBV	2683679	2622247	88.50%	9.531%
9	6.813	394	396	399	rBV	800995	693478	23.41%	2.520%
10	6.973	407	410	412	rBV	2248024	2166625	73.12%	7.875%
11	7.384	443	446	448	rBV	1657486	1808029	61.02%	6.571%
12	7.476	452	454	461	rVB	21547	43338	1.46%	0.158%
13	8.105	506	509	511	rBV	747403	875976	29.56%	3.184%
14	9.179	600	603	605	rBV	3184687	2962923	100.00%	10.769%
15	9.579	636	638	640	rBV	270240	342104	11.55%	1.243%
16	9.785	654	656	660	rBV	50191	70082	2.37%	0.255%
17	9.853	660	662	664	rBV	1071323	955685	32.25%	3.473%
18	10.265	696	698	699	rBV	22278	33796	1.14%	0.123%
19	10.288	699	700	702	rVB	113627	82717	2.79%	0.301%
20	10.505	717	719	723	rBV	32814	54558	1.84%	0.198%
21	10.642	728	731	734	rBV	1600063	1692049	57.11%	6.150%
22	10.756	740	741	746	rVB	107523	153227	5.17%	0.557%
23	11.202	778	780	782	rBV	59869	82878	2.80%	0.301%
24	11.339	790	792	793	rBV	1131764	996278	33.62%	3.621%
25	11.362	793	794	796	rVV	303260	233322	7.87%	0.848%
26	11.419	796	799	801	rVB	31551	46739	1.58%	0.170%
27	11.636	816	818	819	rVB	43090	38456	1.30%	0.140%
28	11.842	834	836	837	rBV	66799	58437	1.97%	0.212%
29	11.865	837	838	840	rVV	130892	136299	4.60%	0.495%
30	11.945	844	845	850	rVB	55325	113811	3.84%	0.414%
31	12.391	882	884	885	rBV	31530	32625	1.10%	0.119%
32	12.425	885	887	890	rVB	38693	43245	1.46%	0.157%
33	12.551	895	898	900	rBV	137179	135340	4.57%	0.492%
34	12.779	913	918	919	rBV	170718	217338	7.34%	0.790%

LSC Area Percent Report

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Data File : BF085810.D
Acq On : 28 Mar 2016 19:19
Operator : UM/SJ
Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.928	928	931	933	rBV	2623822	2932445	98.97%	10.658%
36	13.099	943	946	948	rBV2	16663	36712	1.24%	0.133%
37	13.156	948	951	954	rVV	25204	38634	1.30%	0.140%
38	13.214	954	956	959	rVB2	24097	33447	1.13%	0.122%
39	13.408	970	973	978	rBV2	34895	98232	3.32%	0.357%
40	13.819	1007	1009	1017	rBV	134344	212953	7.19%	0.774%
41	13.968	1020	1022	1027	rVB	617831	765217	25.83%	2.781%
42	14.985	1109	1111	1115	rBV	34285	68248	2.30%	0.248%
43	15.385	1144	1146	1149	rBV	389307	527956	17.82%	1.919%

Sum of corrected areas: 27513975

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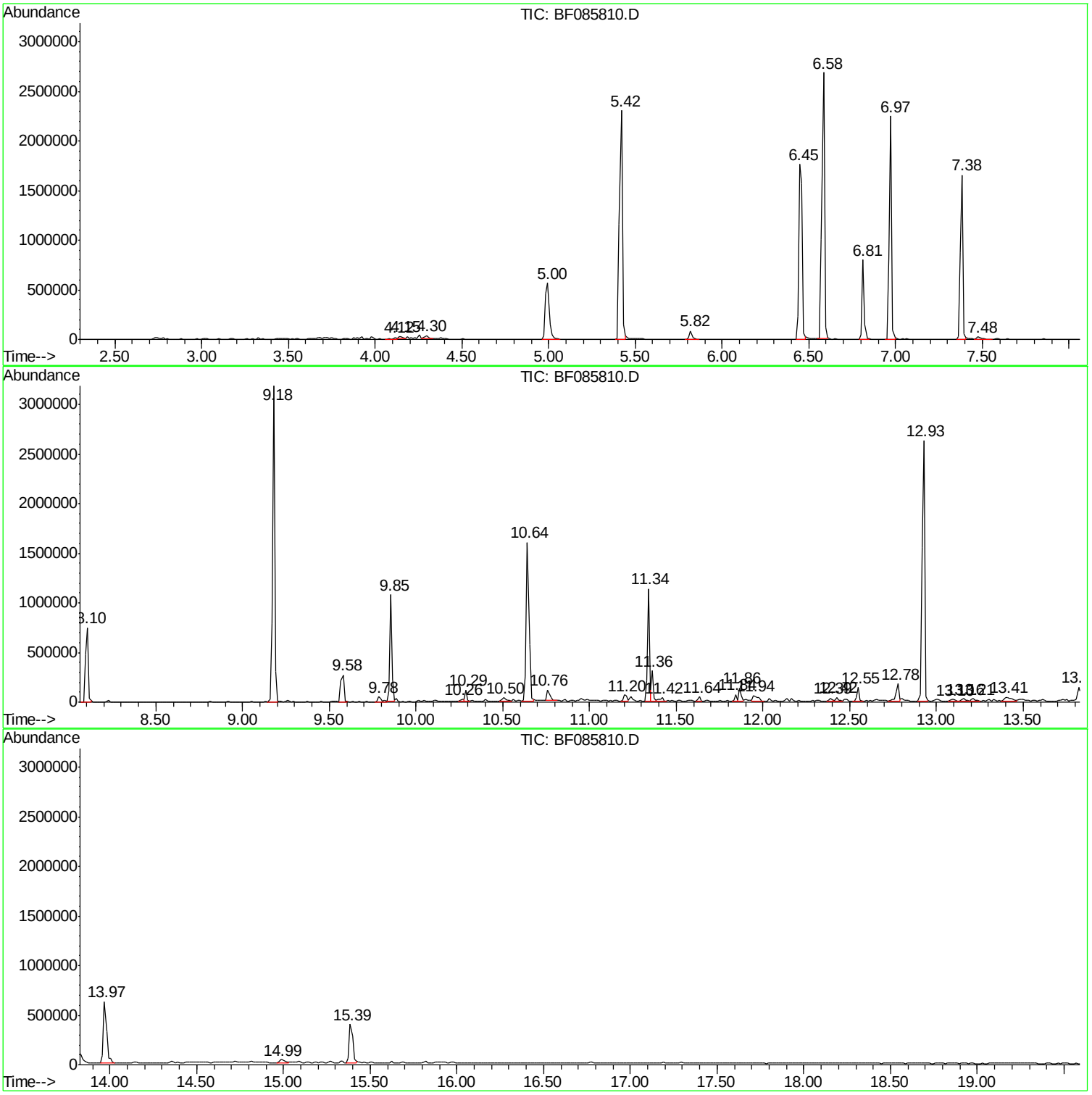
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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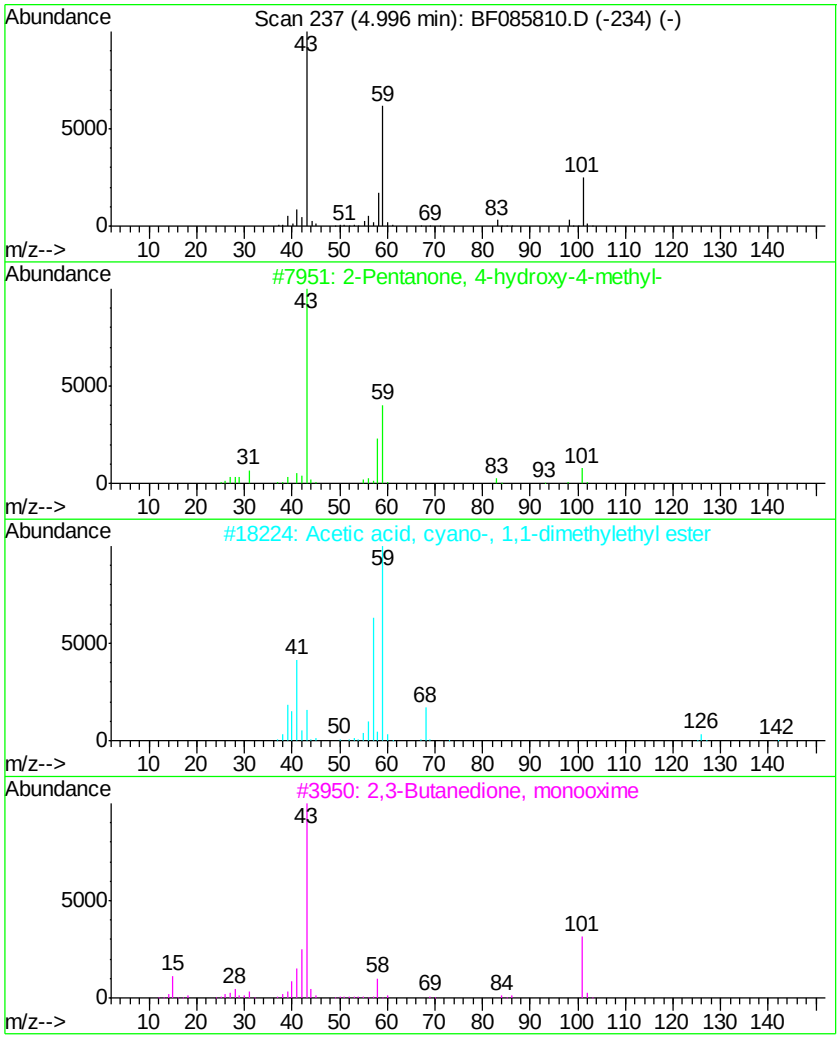
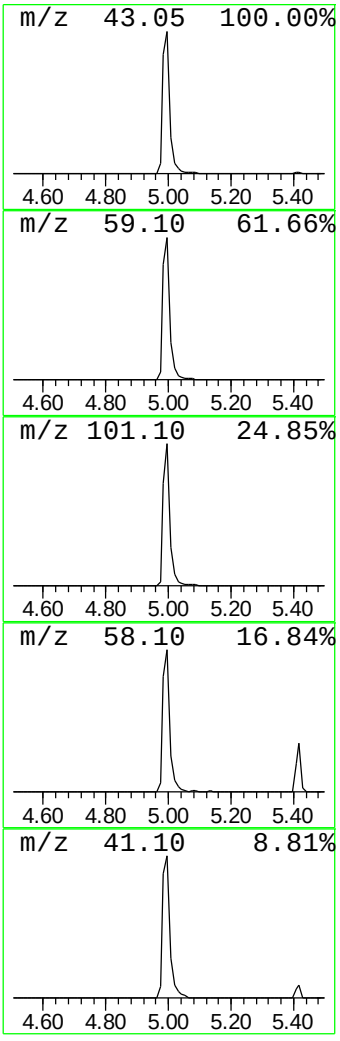
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	25.54 ng	885729	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : UM/SJ
Sample : H1905-01
Misc :
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Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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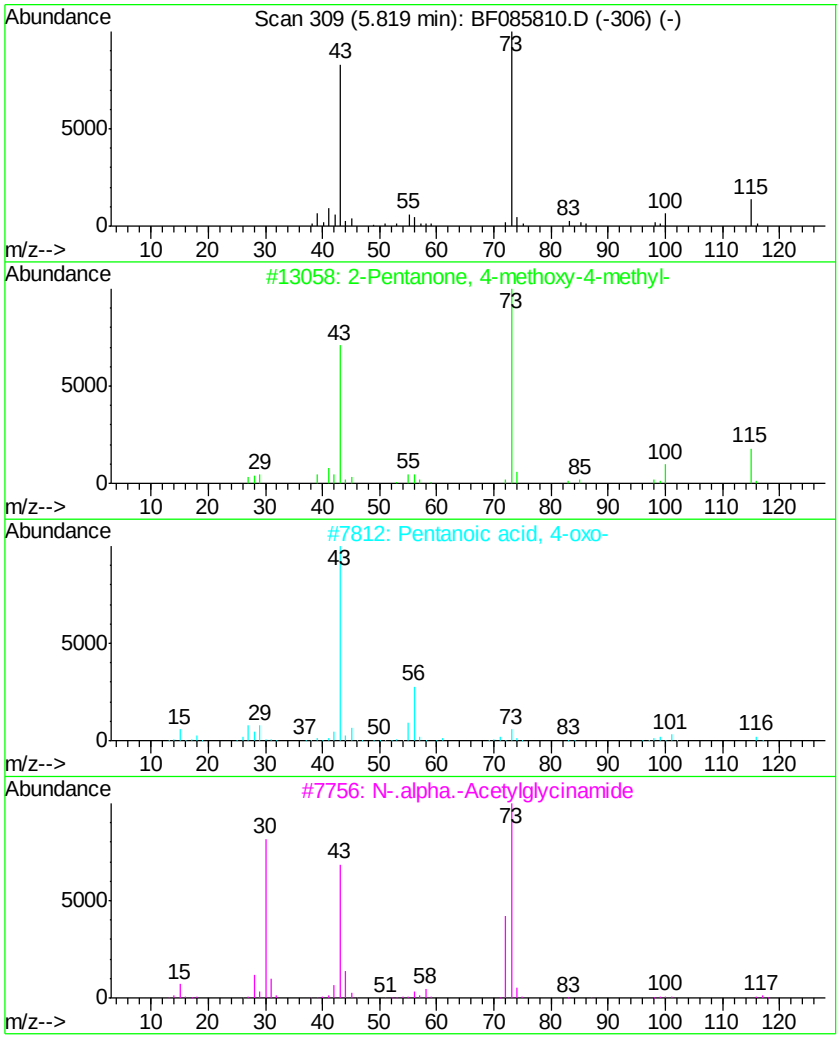
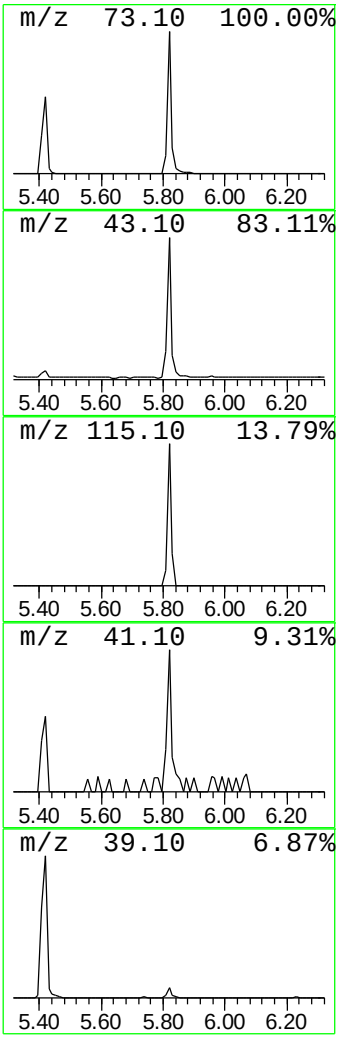
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	2.43 ng	84157	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	35
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12





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Operator : UM/SJ
Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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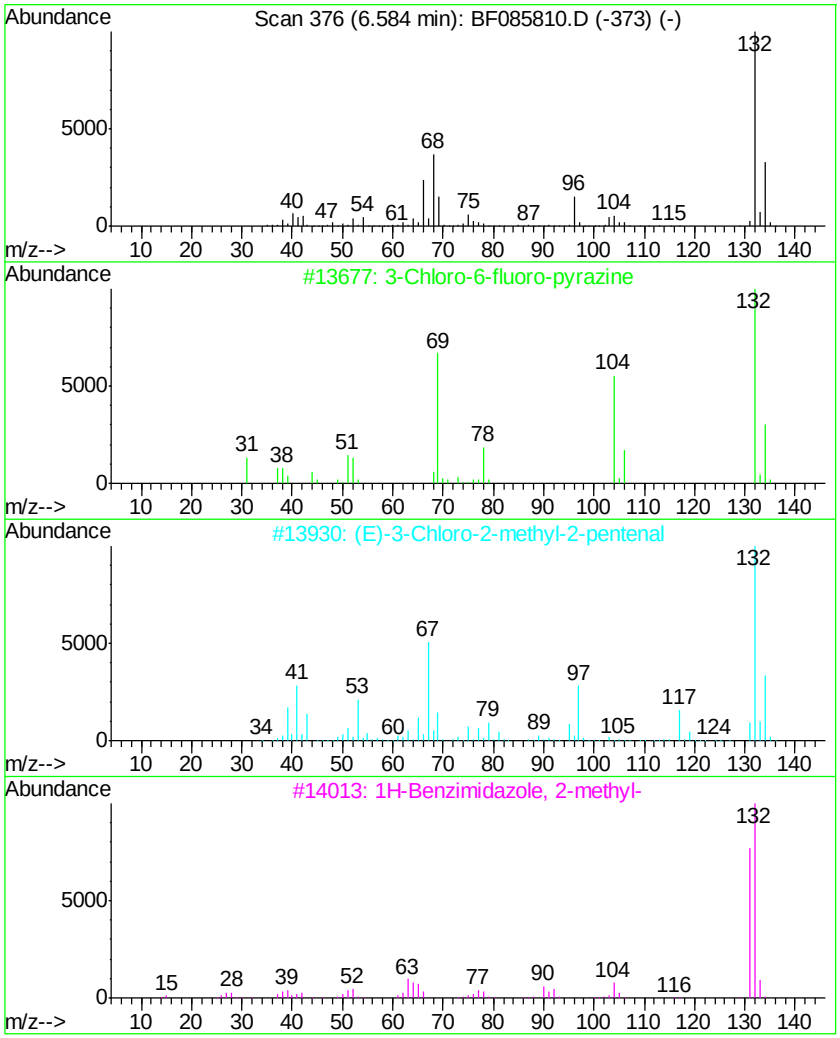
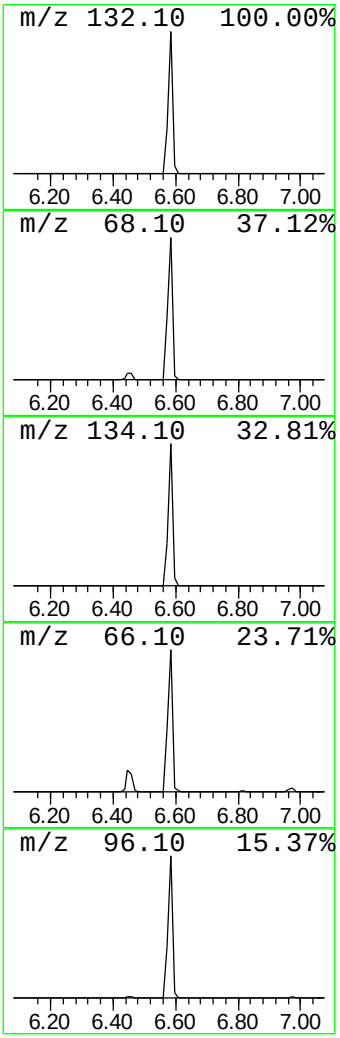
Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	75.63 ng	2622250	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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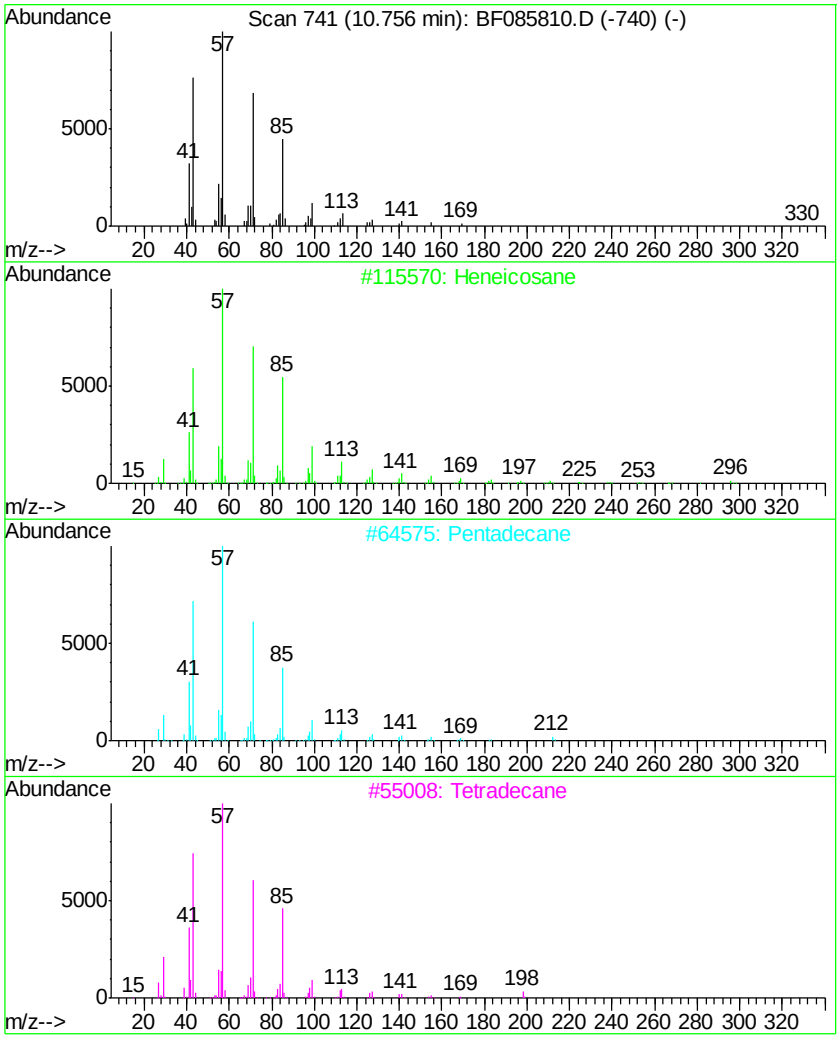
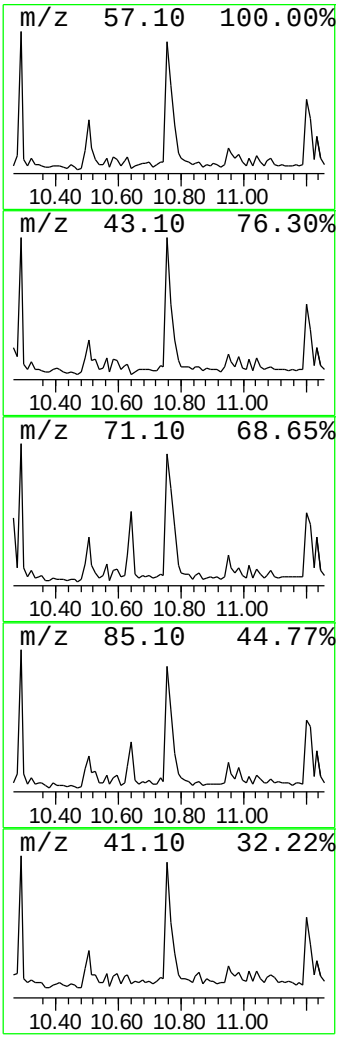
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.08 ng	153227	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Operator : UM/SJ
Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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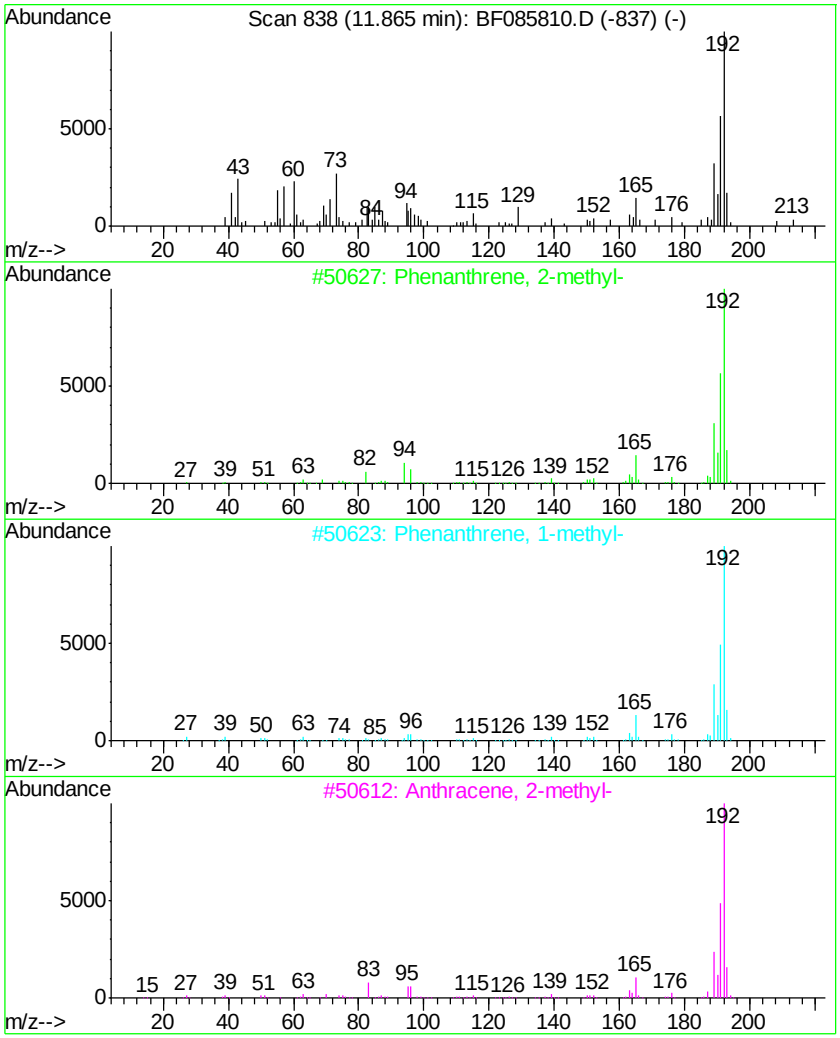
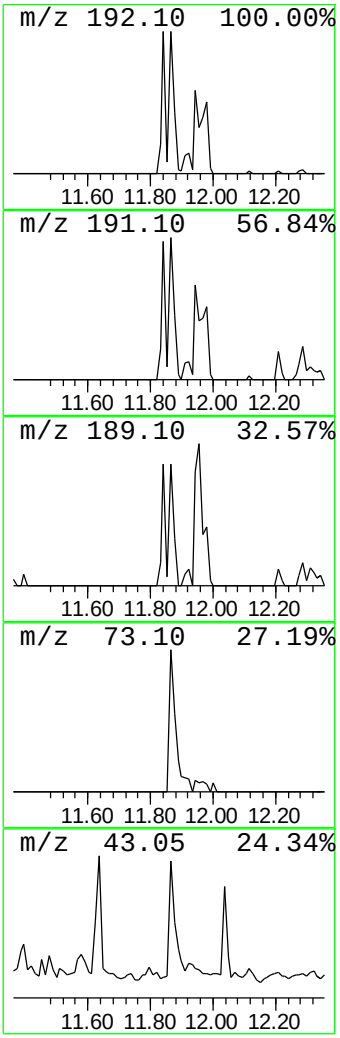
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.74 ng	136299	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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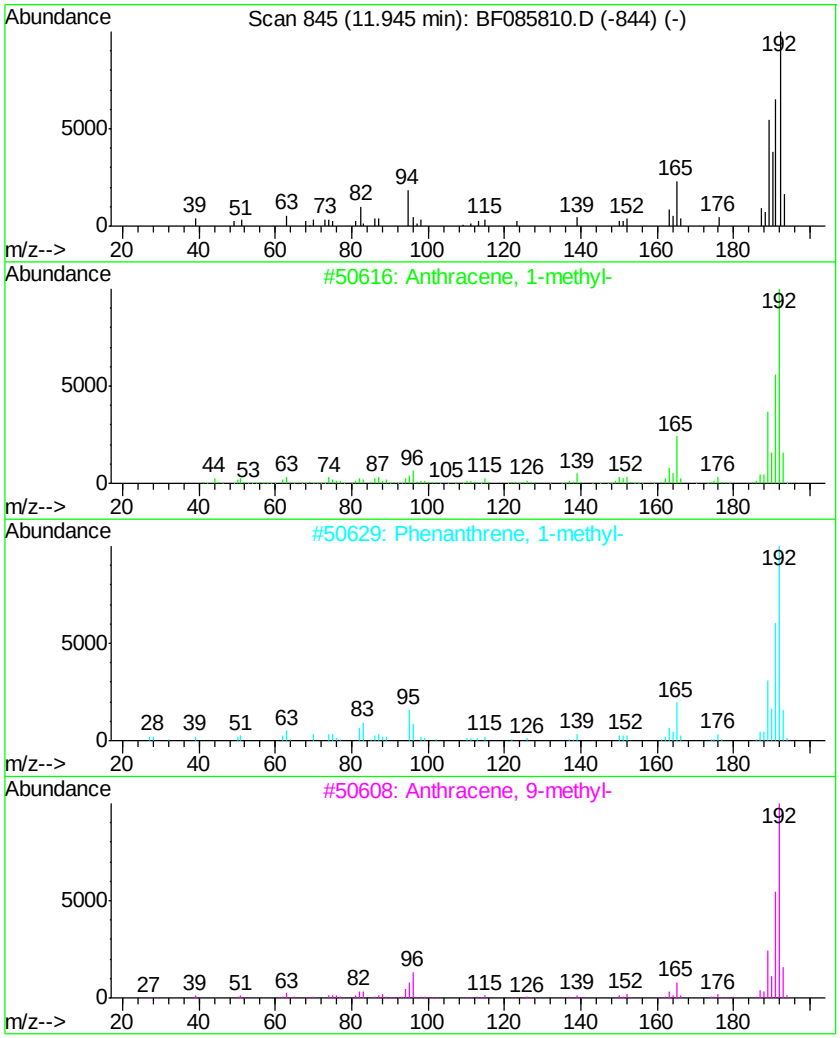
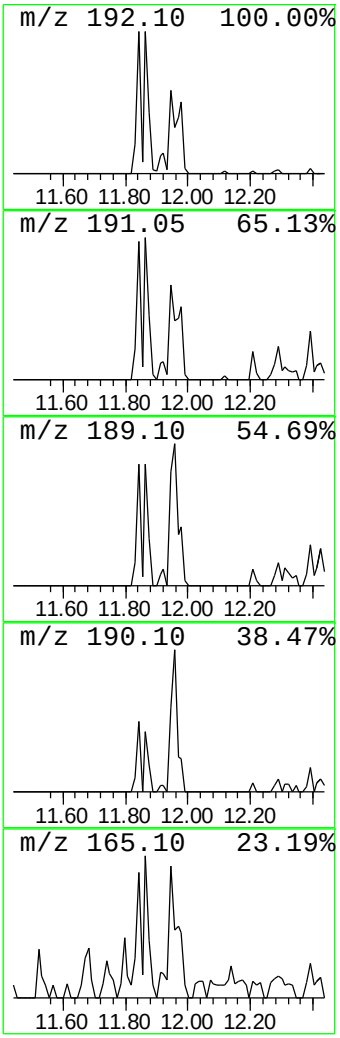
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.28 ng	113811	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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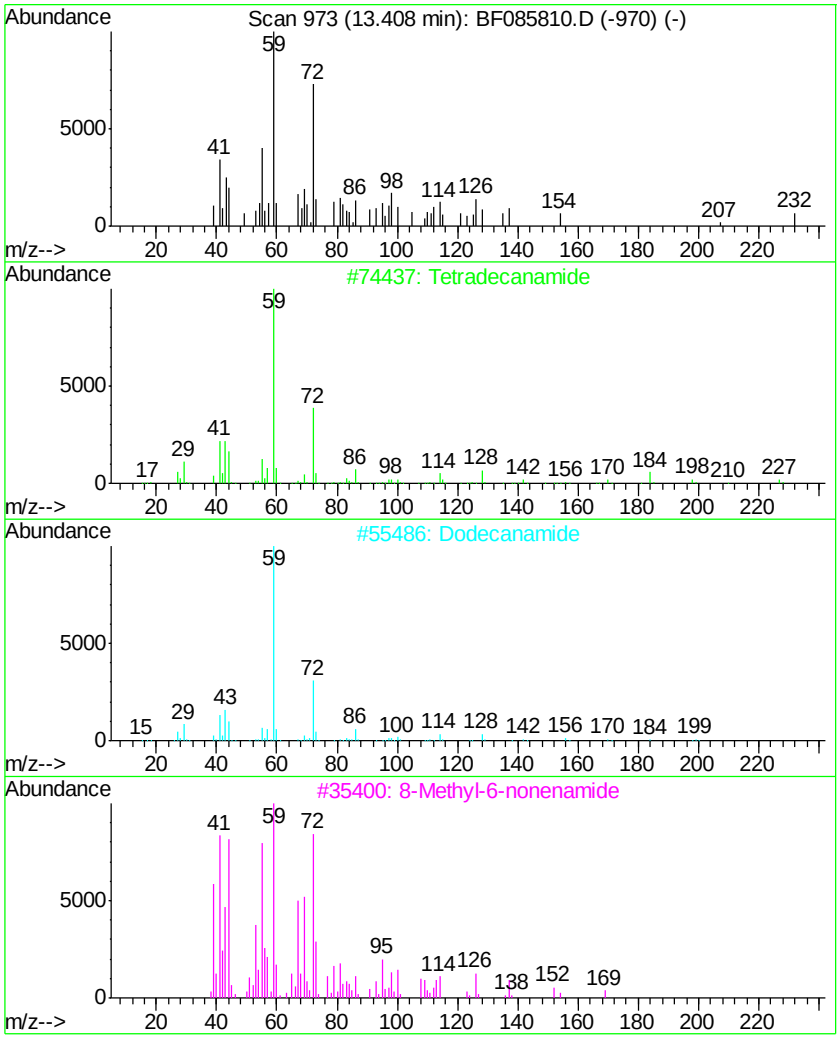
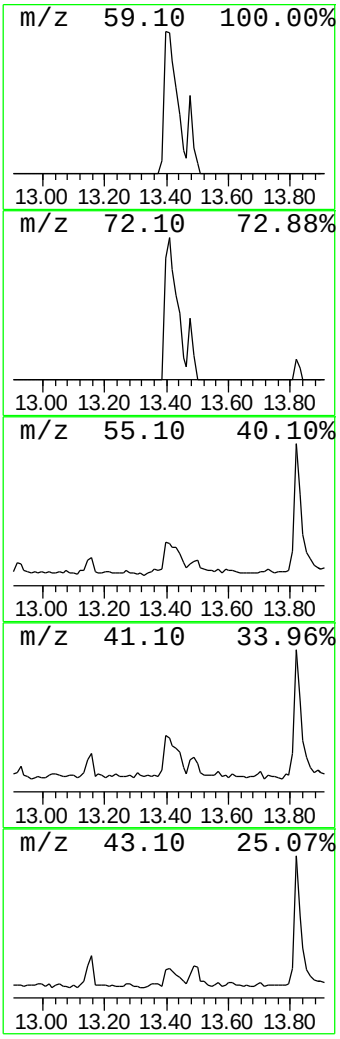
Peak Number 8 Tetradecanamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.57 ng	98232	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	59
2	Dodecanamide	199	C12H25NO	001120-16-7	45
3	8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	45
4	Tridecanoic acid, thiophen-2-ylm...	322	C18H30N2OS	1000259-08-5	38
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38





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Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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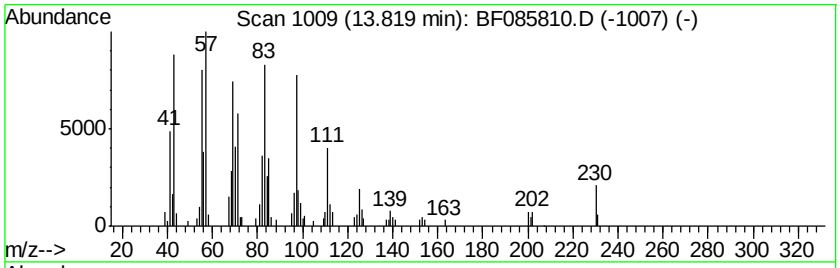
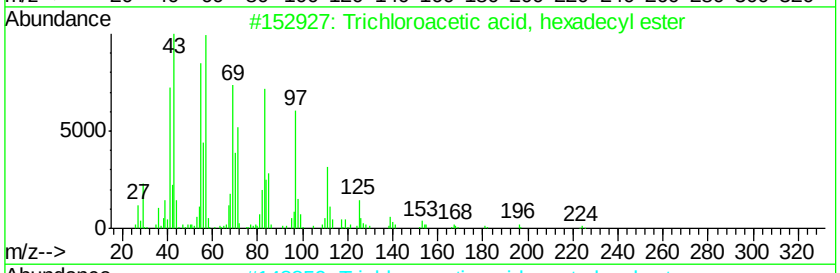
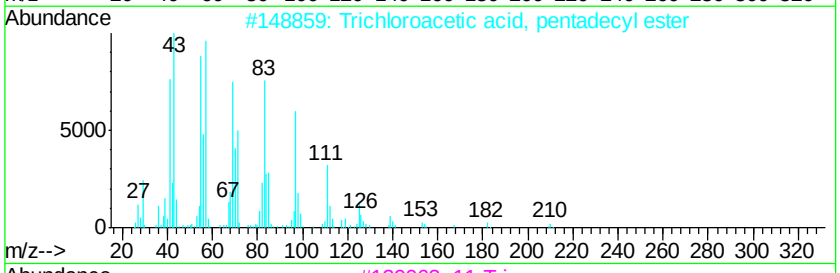
Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 4

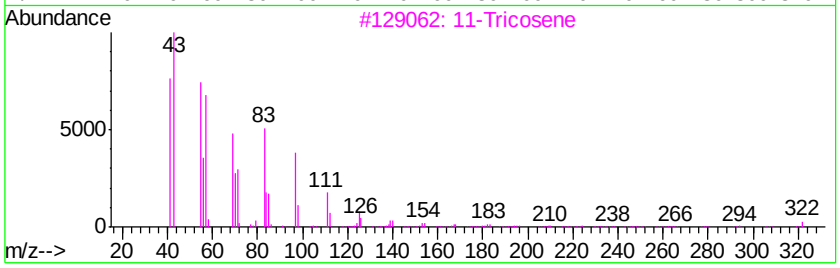
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.57 ng	212953	Chrysene-d12	13.97

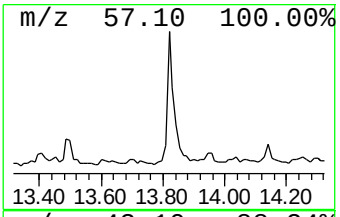
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	11-Tricosene	322	C23H46	052078-56-5	87
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	1-Nonadecene	266	C19H38	018435-45-5	87

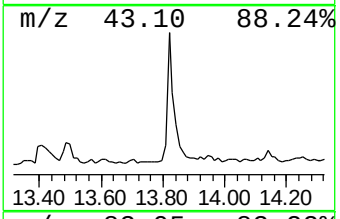


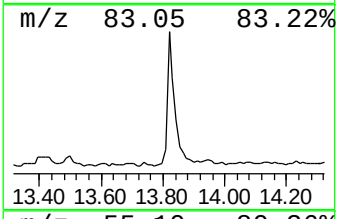


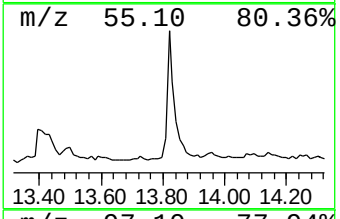


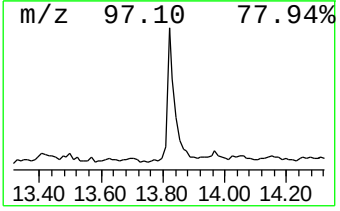












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085810.D
Acq On : 28 Mar 2016 19:19
Operator : UM/SJ
Sample : H1905-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	25.5	ng	885729	1	6.81	693478	20.0
2-Pentanone, 4-me...	5.82	2.4	ng	84157	1	6.81	693478	20.0
unknown6.58	6.58	75.6	ng	2622250	1	6.81	693478	20.0
Heneicosane	10.76	3.1	ng	153227	4	11.34	996278	20.0
Phenanthrene, 2-m...	11.86	2.7	ng	136299	4	11.34	996278	20.0
Anthracene, 1-met...	11.94	2.3	ng	113811	4	11.34	996278	20.0
Tetradecanamide	13.41	2.6	ng	98232	5	13.97	765217	20.0
Trichloroacetic a...	13.82	5.6	ng	212953	5	13.97	765217	20.0