LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085116.D
Acq On : 2 Mar 2016 13:44
Operator : SJ/IZ
Sample : H1629-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-UNEXCAUATED

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-BF030116.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	2.344	3	5	20	rVB	63785	139939	2.71%	0.277%
2	5.201	252	255	267	rVB	694715	1038359	20.07%	2.057%
3	5.590	286	289	292	rBV	3320869	4672664	90.34%	9.255%
4	6.607	374	378	380	rBV	4259300	4570656	88.36%	9.053%
5	6.756	388	391	393	rBV	4847914	4885481	94.45%	9.677%
6	6.984	409	411	414	rVB	1264343	1179846	22.81%	2.337%
7	7.144	422	425	427	rBV	4128557	3580508	69.22%	7.092%
8	7.544	457	460	463	rBV	2421143	3091095	59.76%	6.123%
9	8.276	521	524	526	rBV	1497473	1647704	31.85%	3.264%
10	9.350	615	618	620	rBV	5509388	5172536	100.00%	10.246%
11	9.739	650	652	654	rBV	726132	601765	11.63%	1.192%
12	9.956	669	671	673	rBV	135559	105968	2.05%	0.210%
13	10.025	675	677	679	rVB	1635663	1710632	33.07%	3.388%
14	10.459	711	715	716	rBV	204285	211258	4.08%	0.418%
15	10.676	731	734	737	rBV	73513	120772	2.33%	0.239%
16	10.813	743	746	749	rBV	3413672	3361887	64.99%	6.659%
17	10.928	754	756	763	rVV	259014	305319	5.90%	0.605%
18	11.373	793	795	797	rBV	108922	103325	2.00%	0.205%
19	11.511	805	807	811	rBV2	2026432	2030731	39.26%	4.022%
20	11.579	811	813	815	rVB2	55498	86655	1.68%	0.172%
21	12.036	848	853	855	rBV	189549	280805	5.43%	0.556%
22	12.128	859	861	865	rVB2	63660	121044	2.34%	0.240%
23	12.322	872	878	881	rVB2	36263	87596	1.69%	0.174%
24	12.722	911	913	915	rBV	666910	564498	10.91%	1.118%
25	12.814	920	921	925	rBV2	83683	123327	2.38%	0.244%
26	12.951	929	933	935	rBV	542411	532563	10.30%	1.055%
27	13.099	943	946	948	rVB	4918696	4915607	95.03%	9.737%
28	13.168	948	952	956	rVB3	37308	68003	1.31%	0.135%
29	13.282	958	962	963	rVB	44801	85852	1.66%	0.170%
30	13.385	969	971	974	rVB2	49259	74569	1.44%	0.148%
31	13.671	993	996	1000	rBV5	22213	62195	1.20%	0.123%
32	13.785	1004	1006	1008	rVB	38929	59429	1.15%	0.118%
33	13.899	1013	1016	1017	rBV2	34771	65820	1.27%	0.130%
34	13.991	1022	1024	1029	rVV2	233505	327748	6.34%	0.649%

LSC Area Percent Report

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Acq On : 2 Mar 2016 13:44
Operator : SJ/IZ
Sample : H1629-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-UNEXCAUATED

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-BF030116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.151	1034	1038	1039	rBV2	1162474	1702657	32.92%	3.373%
36	14.368	1055	1057	1063	rBV5	22031	63078	1.22%	0.125%
37	14.528	1069	1071	1073	rBV	51955	74448	1.44%	0.147%
38	15.191	1126	1129	1133	rBV	172145	361220	6.98%	0.715%
39	15.488	1153	1155	1158	rVV	103721	151577	2.93%	0.300%
40	15.557	1158	1161	1164	rVV	126572	171744	3.32%	0.340%
41	15.625	1164	1167	1173	rVB	814012	1222557	23.64%	2.422%
42	15.785	1178	1181	1186	rBV7	22766	59788	1.16%	0.118%
43	15.980	1196	1198	1203	rVB	35480	66727	1.29%	0.132%
44	16.151	1211	1213	1221	rVB8	30634	126961	2.45%	0.251%
45	16.345	1227	1230	1234	rVB3	23468	58727	1.14%	0.116%
46	16.791	1267	1269	1275	rVB3	31643	70345	1.36%	0.139%
47	17.088	1292	1295	1300	rVB2	78539	173246	3.35%	0.343%
48	17.534	1331	1334	1343	rVB	81523	196486	3.80%	0.389%

Sum of corrected areas: 50485717

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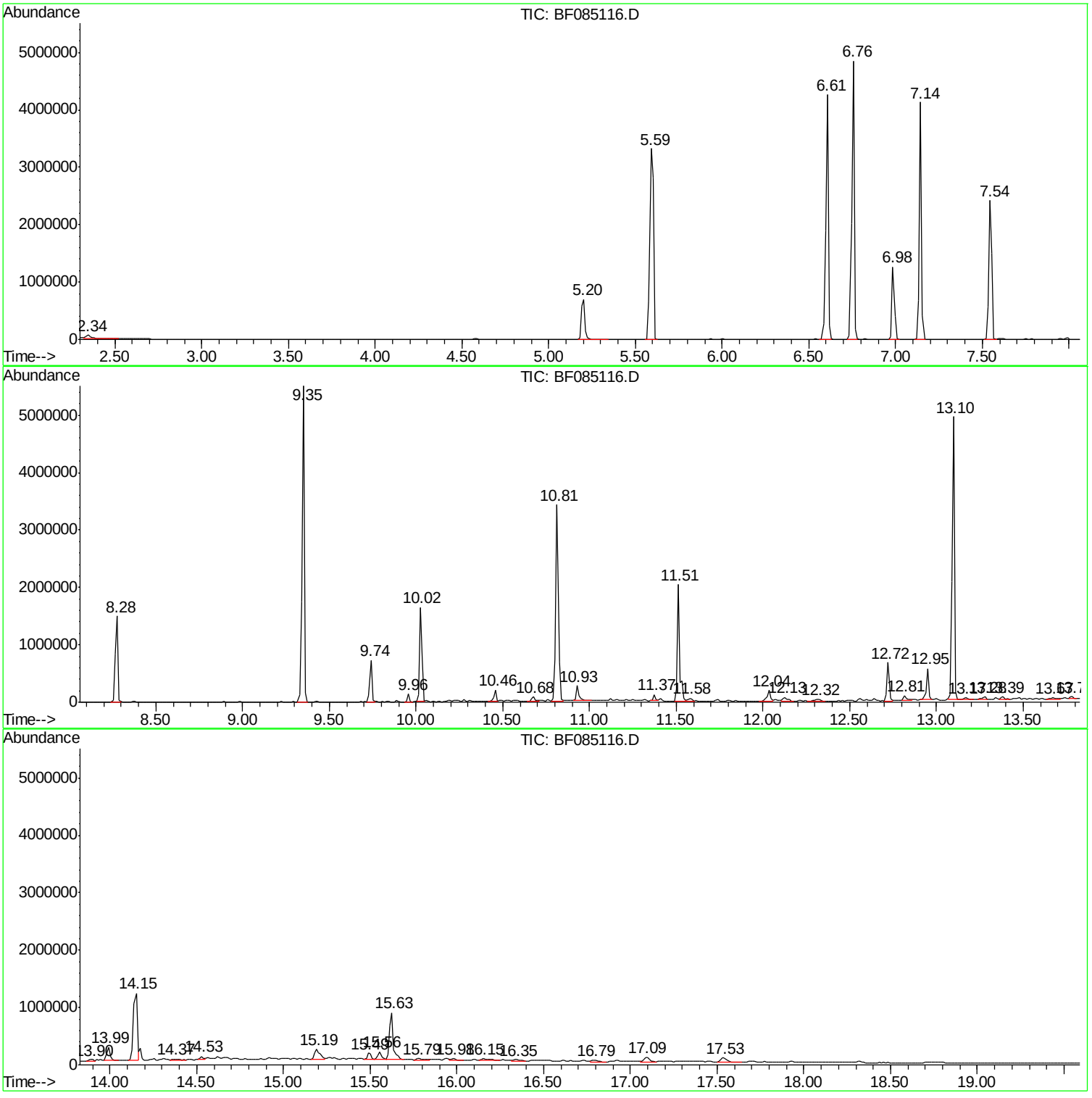
Instrument :
BNA_F
ClientSampleId :
TOP-UNEXCAUATED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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Operator : SJ/IZ
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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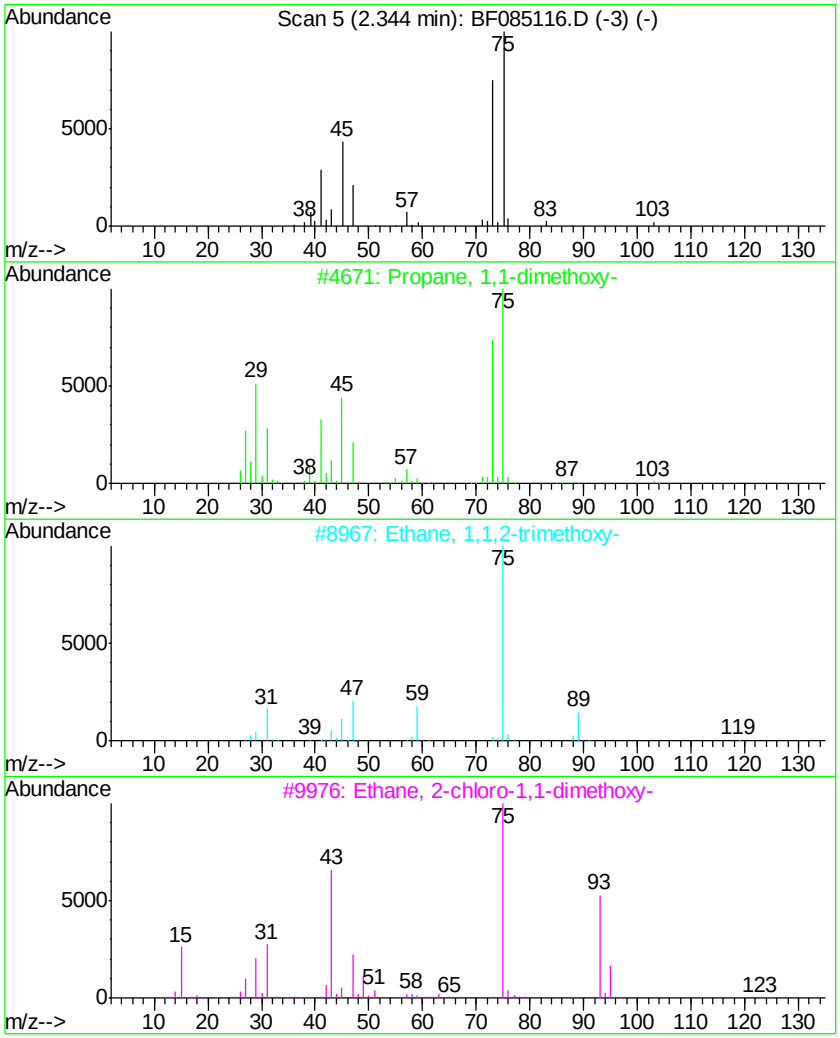
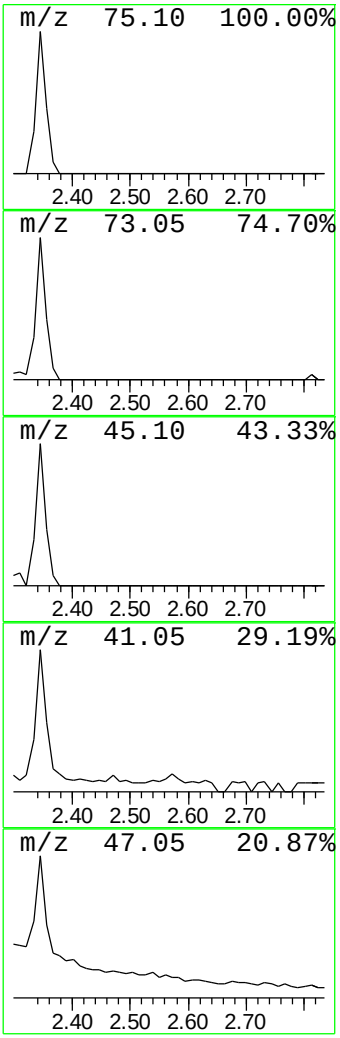
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.34	2.37 ng	139939	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	9
3	Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	9





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Instrument : BNA_F
ClientSampleId : TOP-UNEXCAUATED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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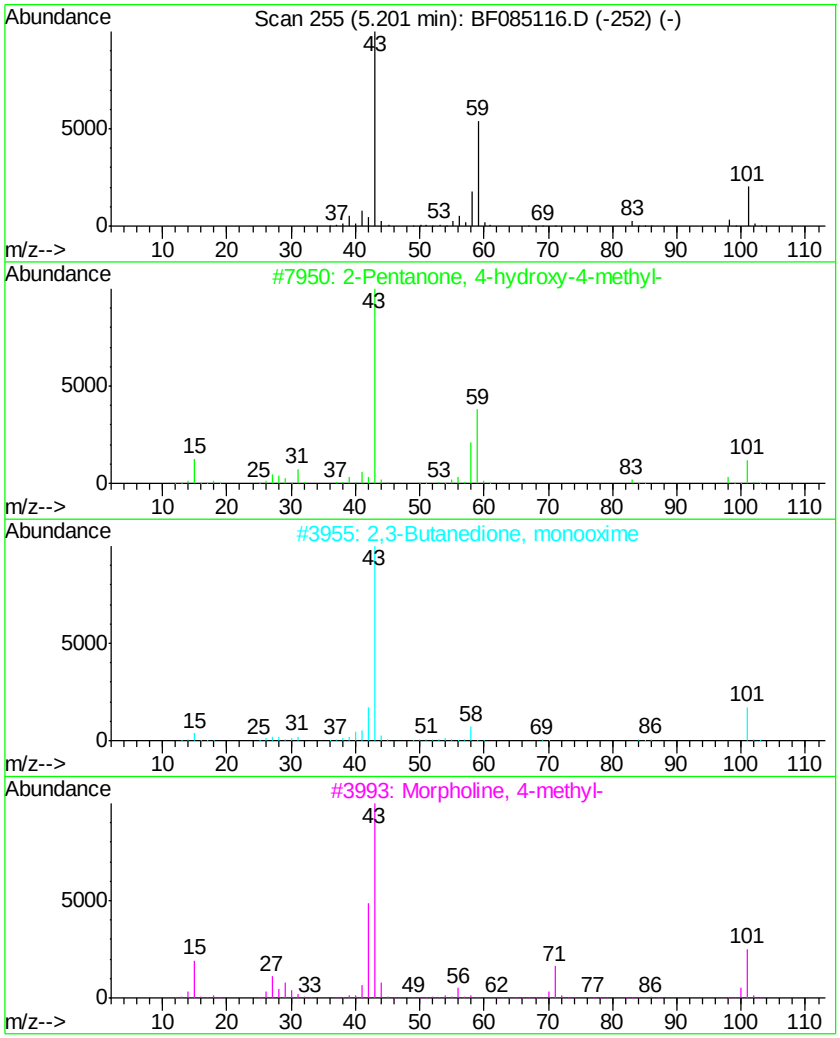
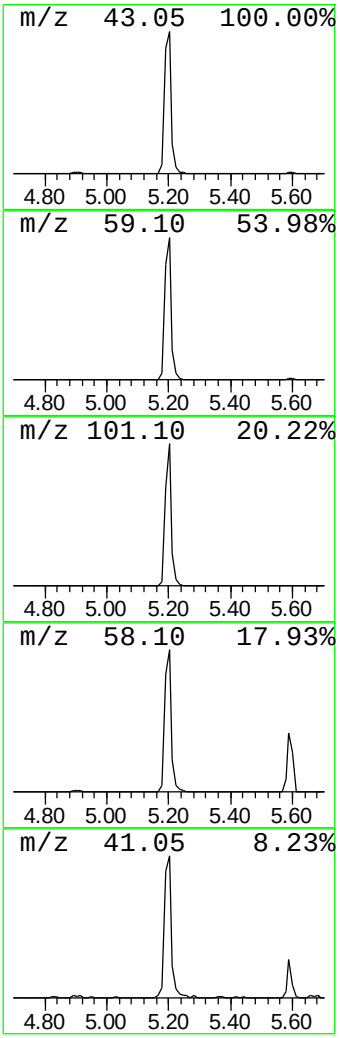
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	17.60 ng	1038360	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : SJ/IZ
Sample : H1629-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-UNEXCAUATED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

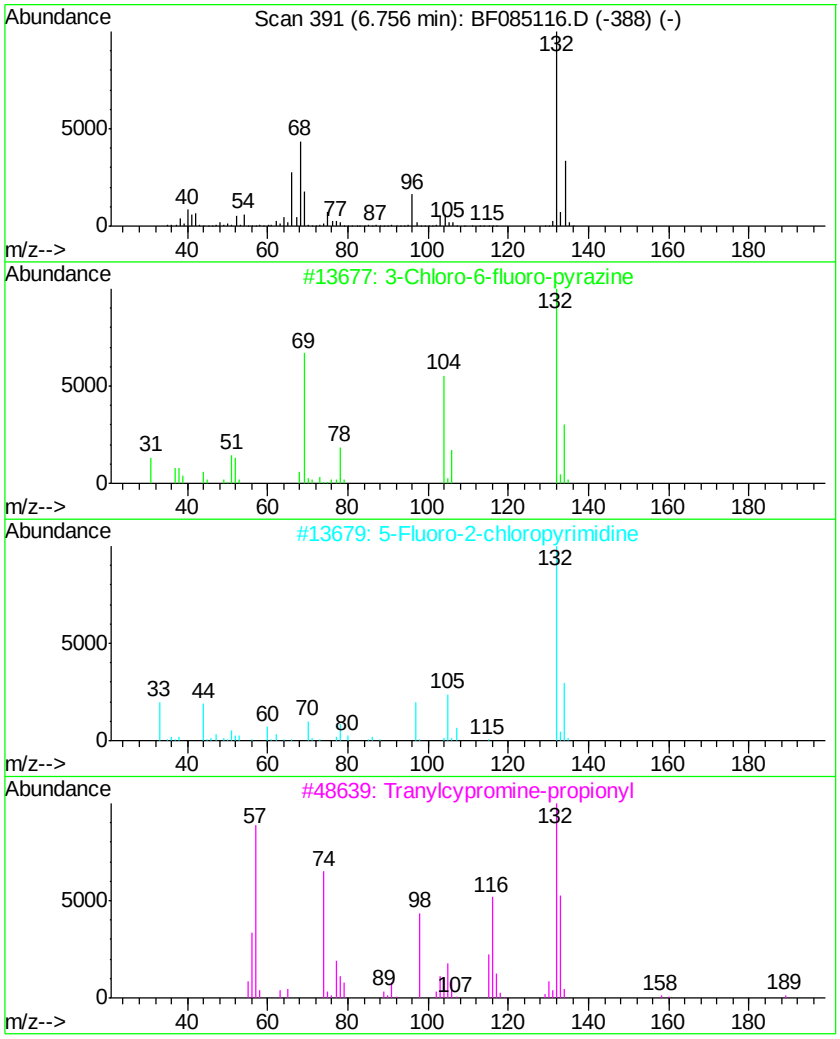
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

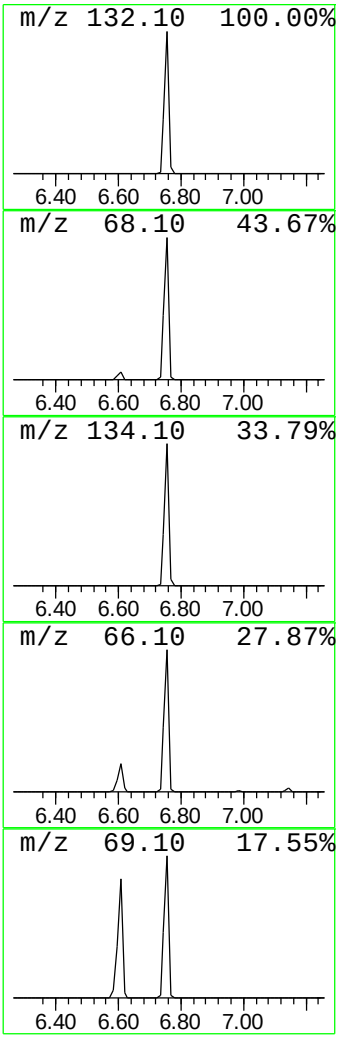
****

Peak Number 3 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	82.82 ng	4885480	1,4-Dichlorobenzene-d4	6.98

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





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
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TIC Library : C:\DATABASE\NIST02.L
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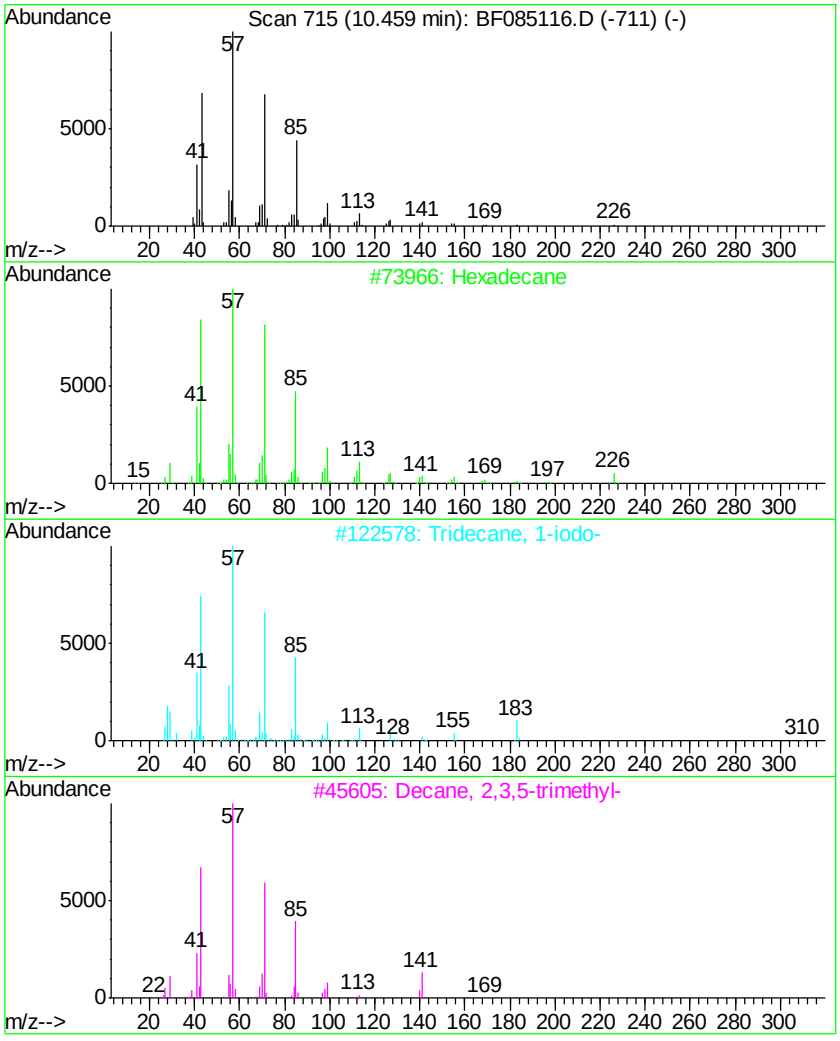
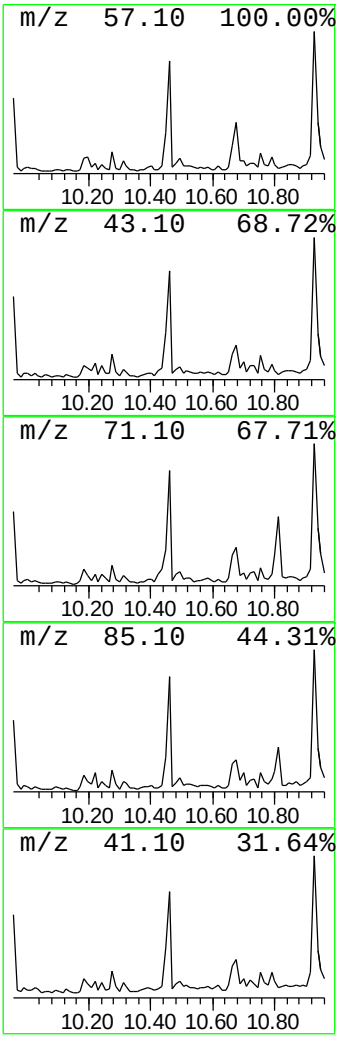
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.47 ng	211258	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Sample : H1629-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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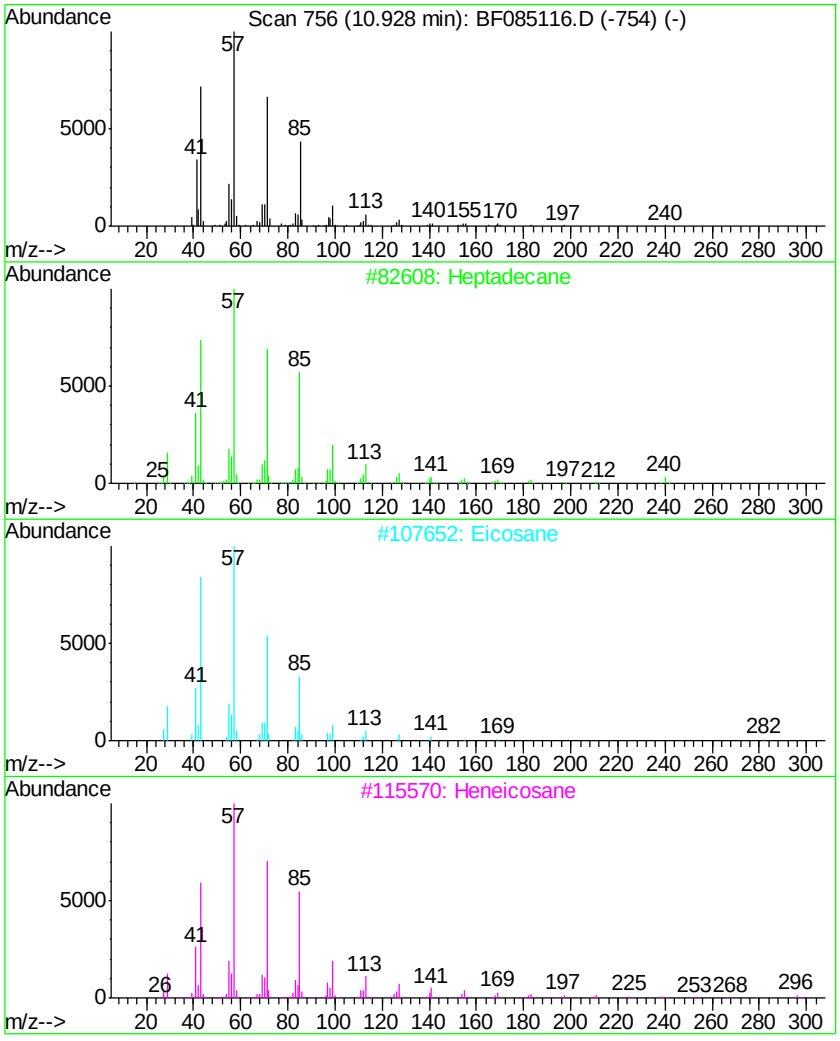
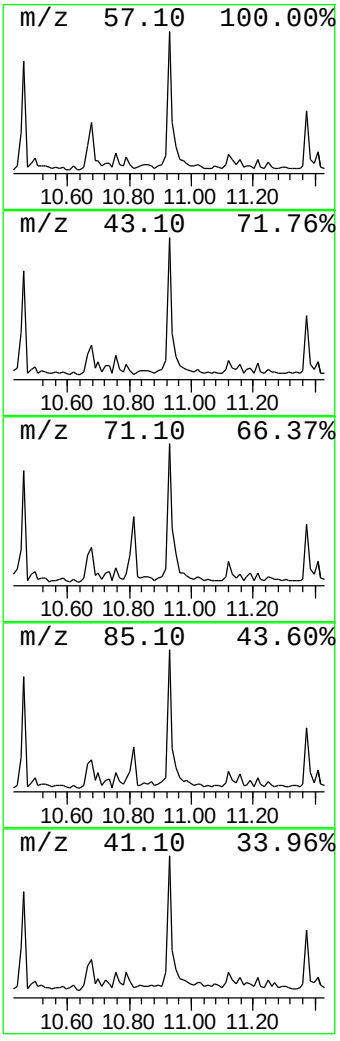
Peak Number 6 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	3.01 ng	305319	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Instrument : BNA_F
ClientSampleId : TOP-UNEXCAUATED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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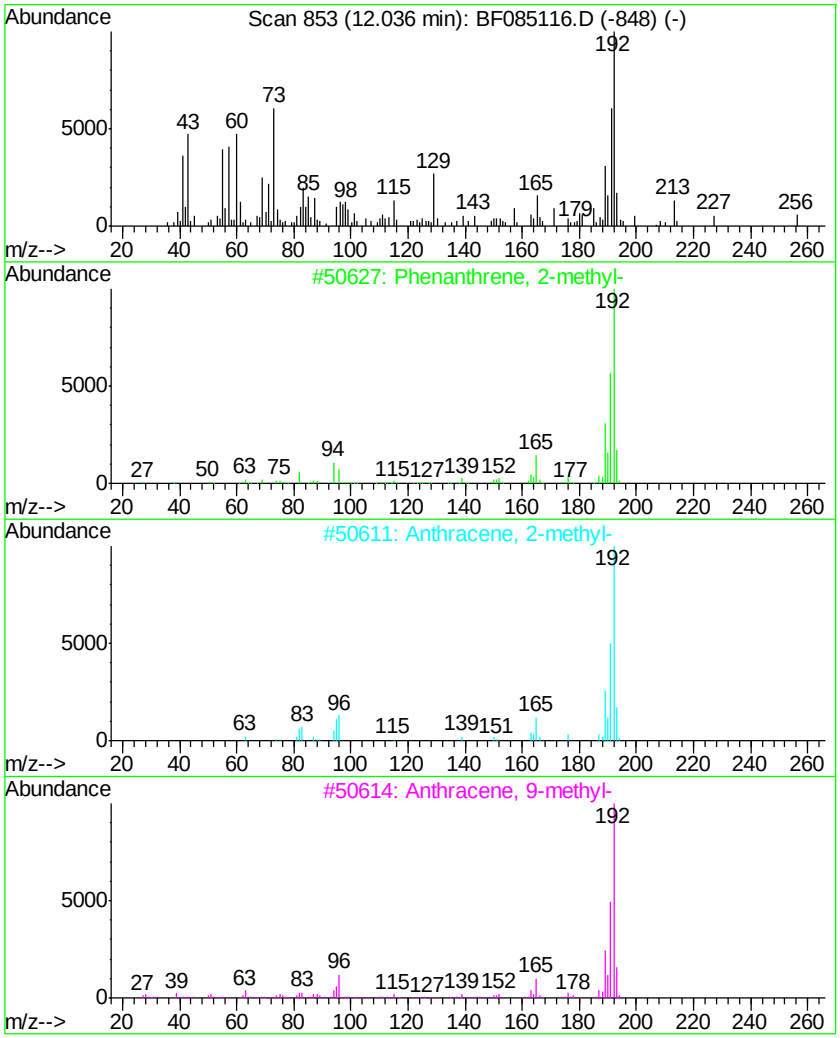
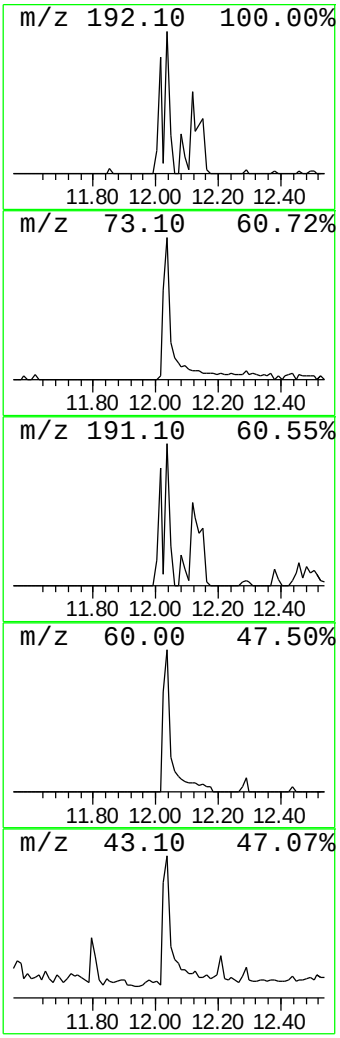
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.77 ng	280805	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90





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

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

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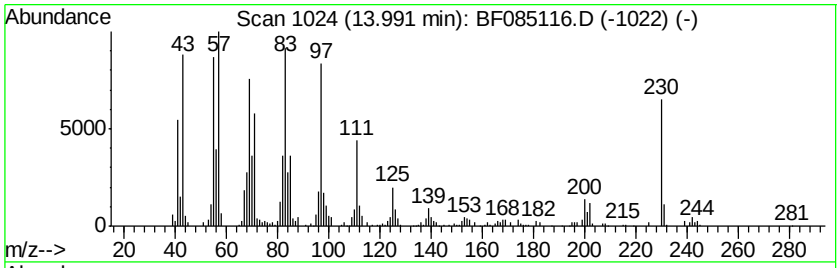
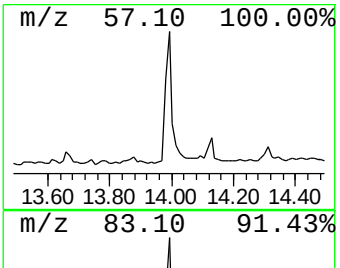
Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.85 ng	327748	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





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Data File : BF085116.D
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Operator : SJ/IZ
Sample : H1629-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-UNEXCAUATED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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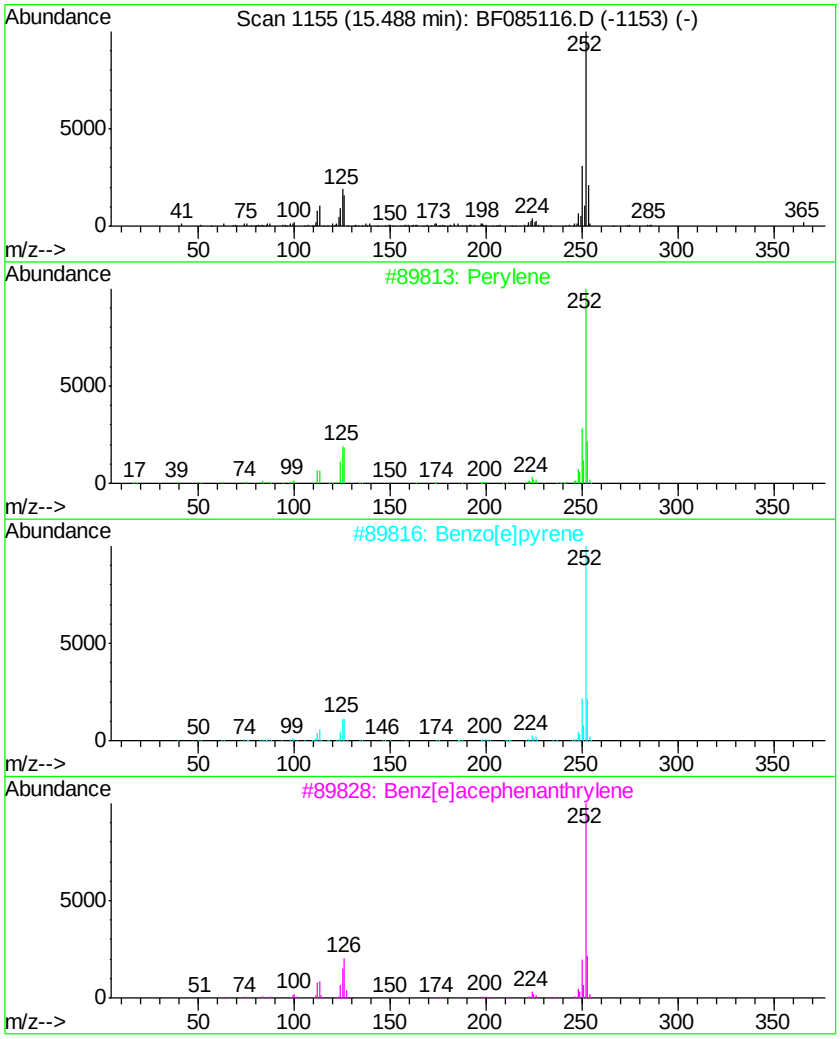
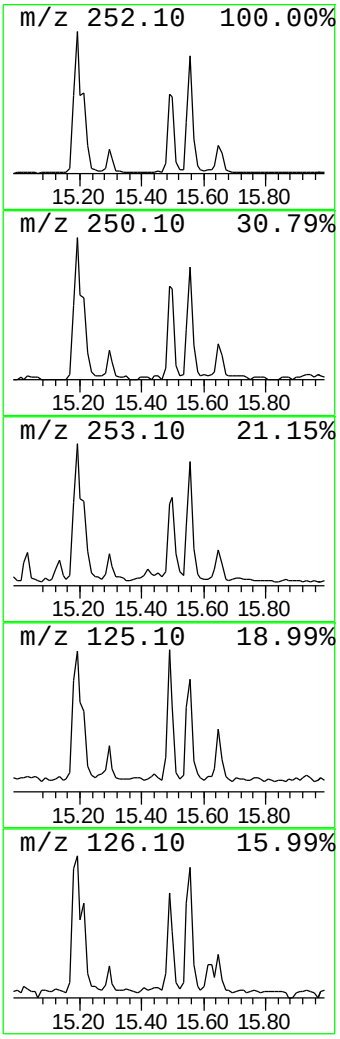
Peak Number 9 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.48 ng	151577	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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ClientSampleId : TOP-UNEXCAUATED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

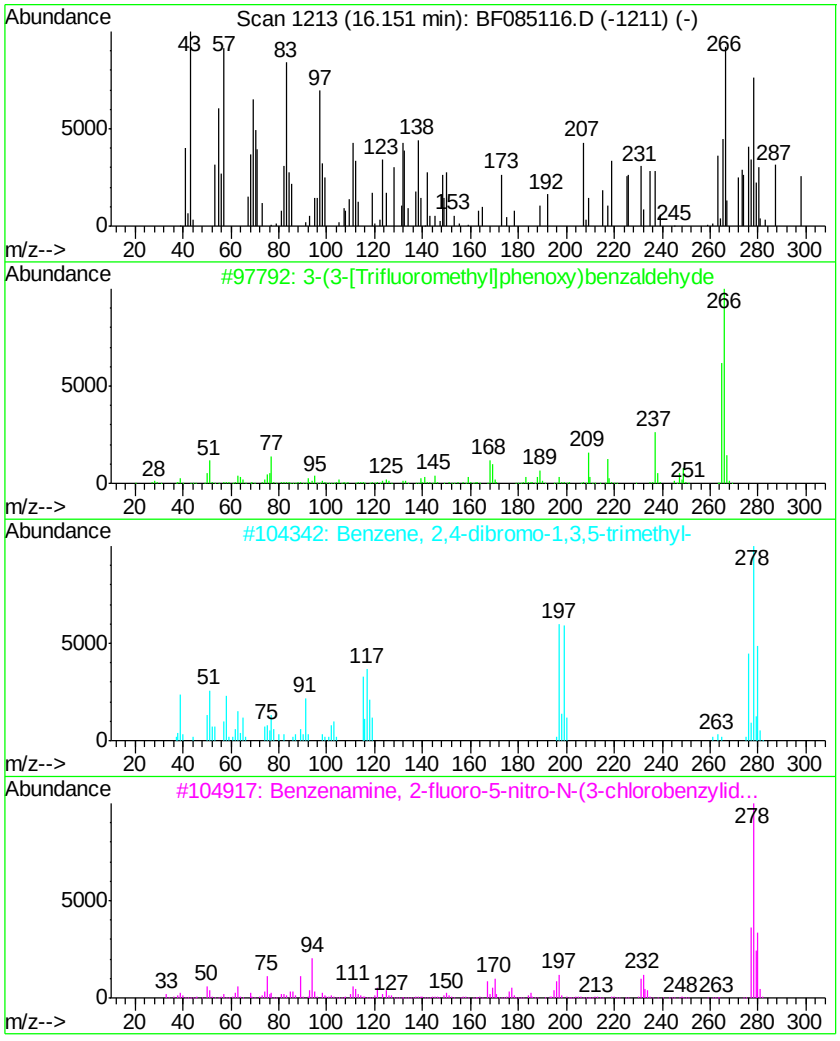
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

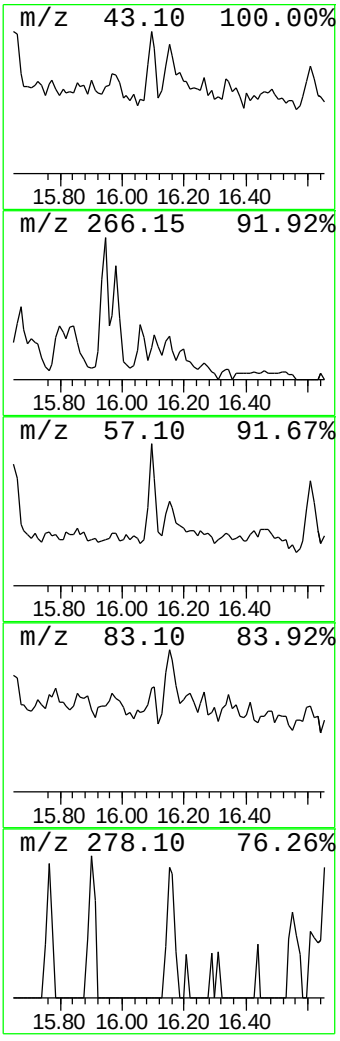
****

Peak Number 10 unknown16.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.08 ng	126961	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3-[Trifluoromethyl]phenoxy)be...	266	C14H9F3O2	078725-46-9	35
2	Benzene, 2,4-dibromo-1,3,5-trime...	276	C9H10Br2	006942-99-0	27
3	Benzenamine, 2-fluoro-5-nitro-N-...	278	C13H8ClFN2O2	304478-89-5	25
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	25
5	17H-Cyclopenta[a]phenanthren-17-...	278	C19H18O2	056614-59-6	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085116.D
Acq On : 2 Mar 2016 13:44
Operator : SJ/IZ
Sample : H1629-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-UNEXCAUATED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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
Propane, 1,1-dime...	2.34	2.4	ng	139939	1	6.98	1179850	20.0
2-Pentanone, 4-hy...	5.20	17.6	ng	1038360	1	6.98	1179850	20.0
unknown6.76	6.76	82.8	ng	4885480	1	6.98	1179850	20.0
Hexadecane	10.46	2.5	ng	211258	3	10.02	1710630	20.0
Heptadecane	10.93	3.0	ng	305319	4	11.51	2030730	20.0
Phenanthrene, 2-m...	12.04	2.8	ng	280805	4	11.51	2030730	20.0
Heptafluorobutano...	13.99	3.9	ng	327748	5	14.15	1702660	20.0
Perylene	15.49	2.5	ng	151577	6	15.63	1222560	20.0
unknown16.15	16.15	2.1	ng	126961	6	15.63	1222560	20.0