LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

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-BF122116.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	4.756	248	251	262	rVB	971369	1721723	38.99%	2.801%
2	5.236	290	293	304	rBV	3566914	3787920	85.78%	6.163%
3	6.299	383	386	392	rBV	3545049	3869217	87.62%	6.296%
4	6.401	392	395	398	rVB	3861594	3609706	81.75%	5.873%
5	6.630	412	415	417	rBV	699478	894731	20.26%	1.456%
6	6.779	426	428	431	rBV	2602107	2752540	62.34%	4.479%
7	7.202	462	465	467	rBV	2301402	2716486	61.52%	4.420%
8	7.910	525	527	531	rBV	1208228	1326964	30.05%	2.159%
9	8.630	587	590	592	rBV	84477	75741	1.72%	0.123%
10	8.870	608	611	614	rBV	82725	88299	2.00%	0.144%
11	8.996	619	622	624	rBV	4123458	4050209	91.72%	6.590%
12	9.087	627	630	632	rBV3	33773	50009	1.13%	0.081%
13	9.259	642	645	647	rBV	37328	51127	1.16%	0.083%
14	9.327	647	651	652	rBV	57154	62972	1.43%	0.102%
15	9.396	655	657	659	rBV	371504	332240	7.52%	0.541%
16	9.613	671	676	678	rBV	76187	90422	2.05%	0.147%
17	9.670	678	681	682	rVV	1445794	1601885	36.28%	2.606%
18	9.693	682	683	686	rVB	236730	294783	6.68%	0.480%
19	9.876	696	699	700	rVB	152658	196892	4.46%	0.320%
20	10.116	713	720	721	rBV2	106052	175263	3.97%	0.285%
21	10.185	721	726	727	rVV3	15764	49891	1.13%	0.081%
22	10.208	727	728	731	rVV	277895	334008	7.56%	0.543%
23	10.276	731	734	735	rVV	48888	78264	1.77%	0.127%
24	10.333	737	739	741	rVV2	62507	116217	2.63%	0.189%
25	10.368	741	742	745	rVB	66876	83388	1.89%	0.136%
26	10.459	747	750	753	rVV	2663557	2893632	65.53%	4.708%
27	10.585	756	761	764	rBV2	214628	289657	6.56%	0.471%
28	10.756	772	776	778	rBV3	53401	104126	2.36%	0.169%
29	10.836	782	783	785	rVB2	39255	46293	1.05%	0.075%
30	10.905	787	789	792	rVV2	45171	82112	1.86%	0.134%
31	11.008	796	798	799	rBV	46787	81210	1.84%	0.132%
32	11.031	799	800	804	rVB2	157069	246610	5.58%	0.401%
33	11.145	808	810	814	rVV2	1460810	2694446	61.02%	4.384%
34	11.225	814	817	819	rVB	229124	257861	5.84%	0.420%

LSC Area Percent Report

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Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.385	828	831	835	rBV2	81541	122023	2.76%	0.199%
36	11.453	835	837	838	rBV2	56113	71482	1.62%	0.116%
37	11.556	844	846	849	rVB	38079	48741	1.10%	0.079%
38	11.648	851	854	855	rVV	163065	166368	3.77%	0.271%
39	11.693	855	858	862	rVV4	353878	733437	16.61%	1.193%
40	11.762	862	864	869	rVV2	284072	451975	10.24%	0.735%
41	11.842	869	871	872	rVV2	29545	48154	1.09%	0.078%
42	11.945	876	880	881	rVV2	135801	158301	3.58%	0.258%
43	11.968	881	882	885	rVB2	49038	59332	1.34%	0.097%
44	12.093	890	893	894	rBV3	46868	65063	1.47%	0.106%
45	12.196	899	902	904	rBV	104767	133817	3.03%	0.218%
46	12.231	904	905	908	rVB2	78750	117494	2.66%	0.191%
47	12.288	908	910	912	rBV	173689	232781	5.27%	0.379%
48	12.356	914	916	919	rBV	1621682	1468297	33.25%	2.389%
49	12.402	919	920	925	rVB3	43150	79143	1.79%	0.129%
50	12.482	925	927	931	rBV2	97074	180897	4.10%	0.294%
51	12.585	933	936	938	rBV	2042386	2163706	49.00%	3.521%
52	12.642	938	941	943	rVB2	69350	147837	3.35%	0.241%
53	12.734	945	949	952	rBV	2979263	4415681	100.00%	7.185%
54	12.802	952	955	959	rBV2	183976	359595	8.14%	0.585%
55	12.916	959	965	967	rBV	303989	720174	16.31%	1.172%
56	12.985	967	971	972	rBV	203951	303615	6.88%	0.494%
57	13.019	972	974	975	rBV	414543	464340	10.52%	0.756%
58	13.111	980	982	983	rBV	457233	425476	9.64%	0.692%
59	13.134	983	984	988	rVB2	165566	264377	5.99%	0.430%
60	13.316	995	1000	1001	rBV5	103389	285880	6.47%	0.465%
61	13.339	1001	1002	1005	rVB	147201	154524	3.50%	0.251%
62	13.396	1005	1007	1008	rBV2	116527	151080	3.42%	0.246%
63	13.488	1013	1015	1016	rVV	61377	78735	1.78%	0.128%
64	13.534	1016	1019	1020	rVV2	122286	234447	5.31%	0.381%
65	13.579	1022	1023	1026	rVV	233655	295760	6.70%	0.481%
66	13.636	1026	1028	1032	rVB3	309433	481111	10.90%	0.783%
67	13.785	1037	1041	1047	rBV2	1624348	3129695	70.88%	5.092%
68	13.888	1047	1050	1051	rBV2	160083	217006	4.91%	0.353%
69	13.991	1058	1059	1062	rVB2	79496	87497	1.98%	0.142%
70	14.174	1070	1075	1076	rBV	339559	621752	14.08%	1.012%
71	14.197	1076	1077	1079	rVB	133876	162582	3.68%	0.265%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.265	1079	1083	1084	rBV3	124352	297991	6.75%	0.485%
73	14.425	1095	1097	1099	rBV3	65442	97875	2.22%	0.159%
74	14.482	1099	1102	1103	rBV	95505	209616	4.75%	0.341%
75	14.642	1113	1116	1119	rBV4	116947	253110	5.73%	0.412%
76	14.779	1125	1128	1133	rBV	1047965	2098645	47.53%	3.415%
77	15.042	1149	1151	1154	rVB	643228	930214	21.07%	1.514%
78	15.099	1154	1156	1159	rBV	721092	890060	20.16%	1.448%
79	15.157	1159	1161	1168	rVV2	711999	1204194	27.27%	1.959%
80	16.425	1269	1272	1276	rVB	292880	589768	13.36%	0.960%
81	16.814	1303	1306	1313	rVB	234060	477772	10.82%	0.777%

Sum of corrected areas: 61458264

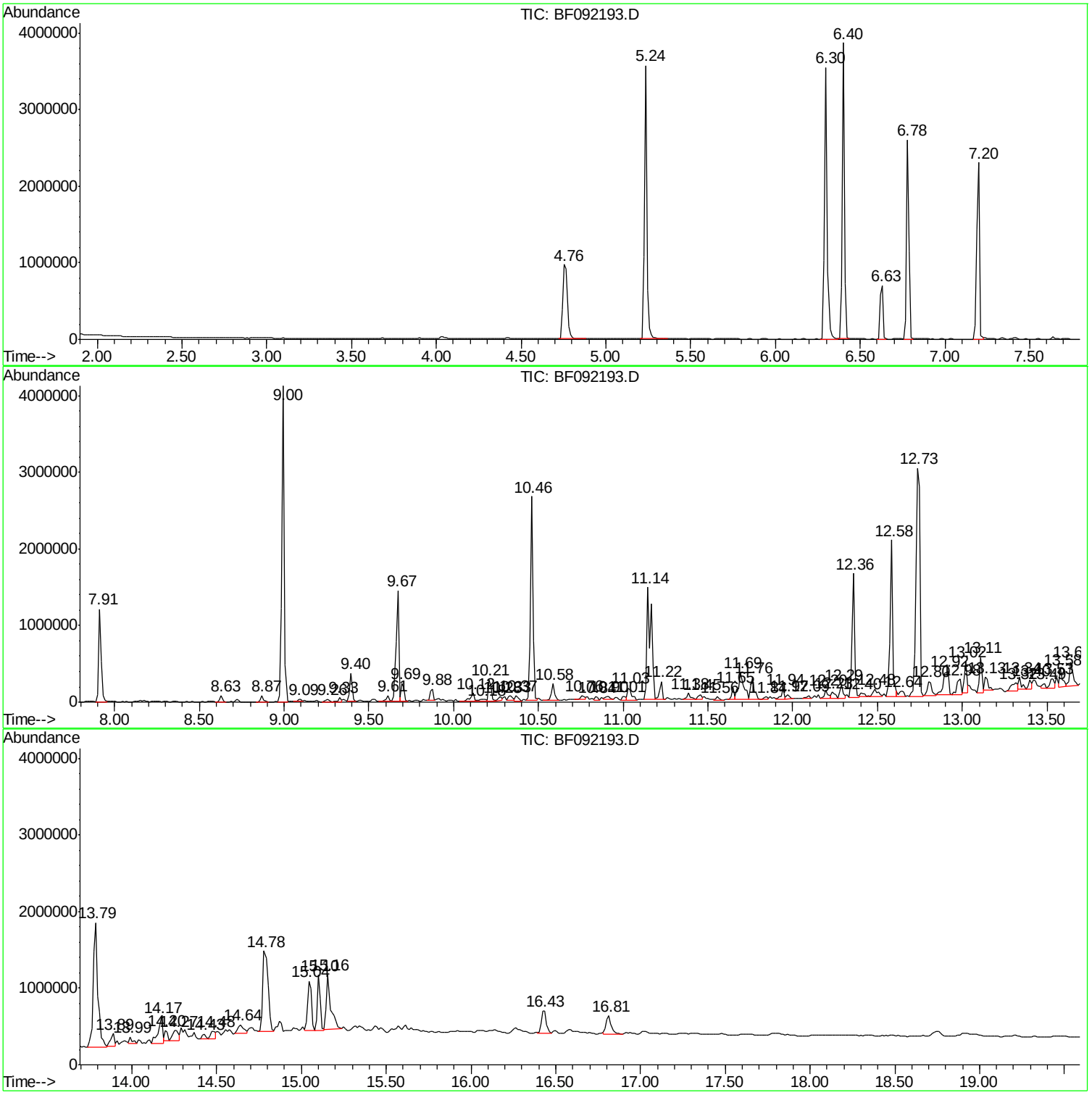
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

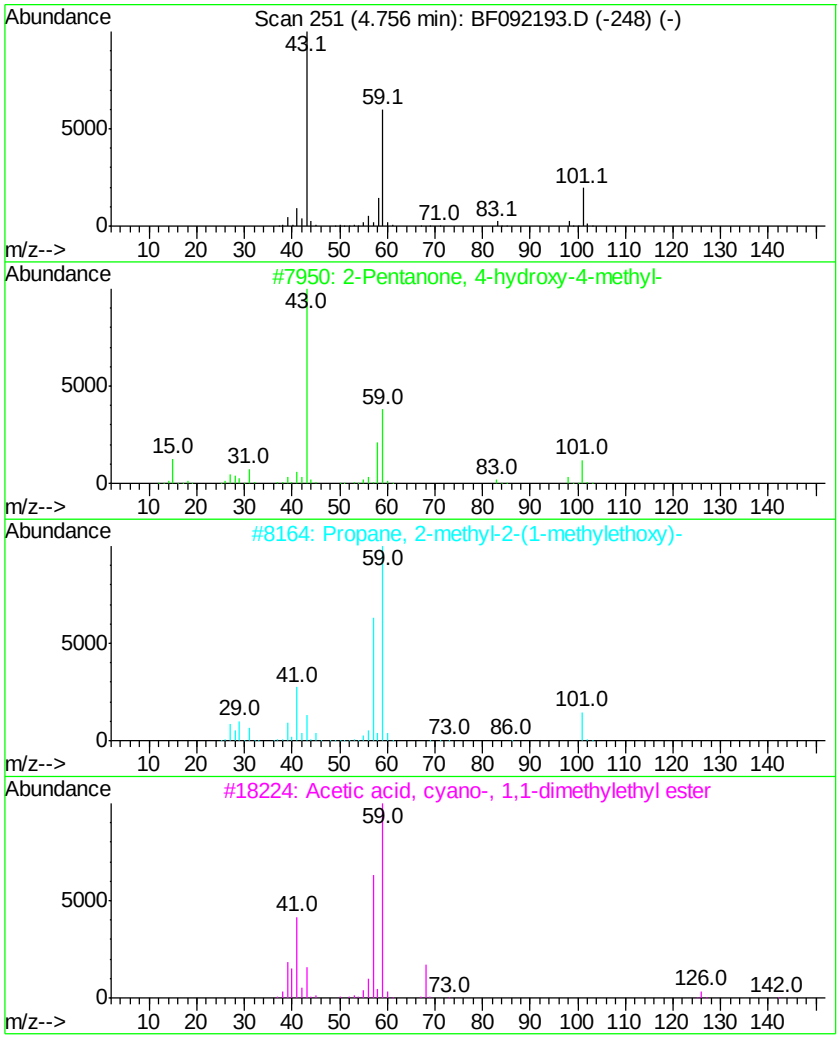
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

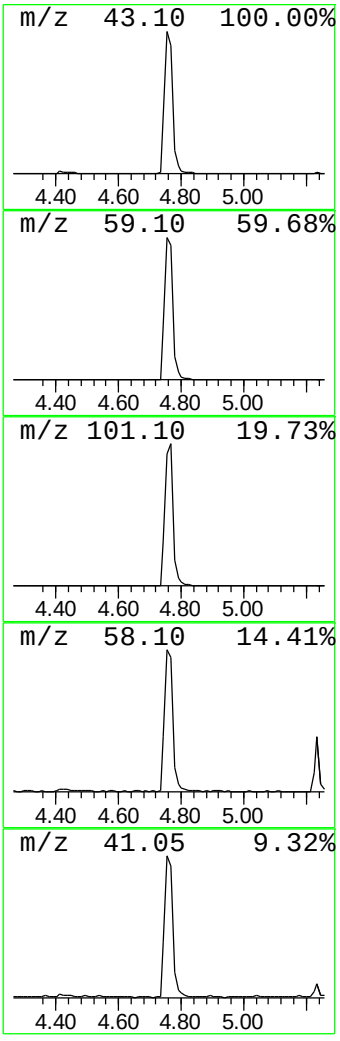
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	38.49 ng	1721720	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
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Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

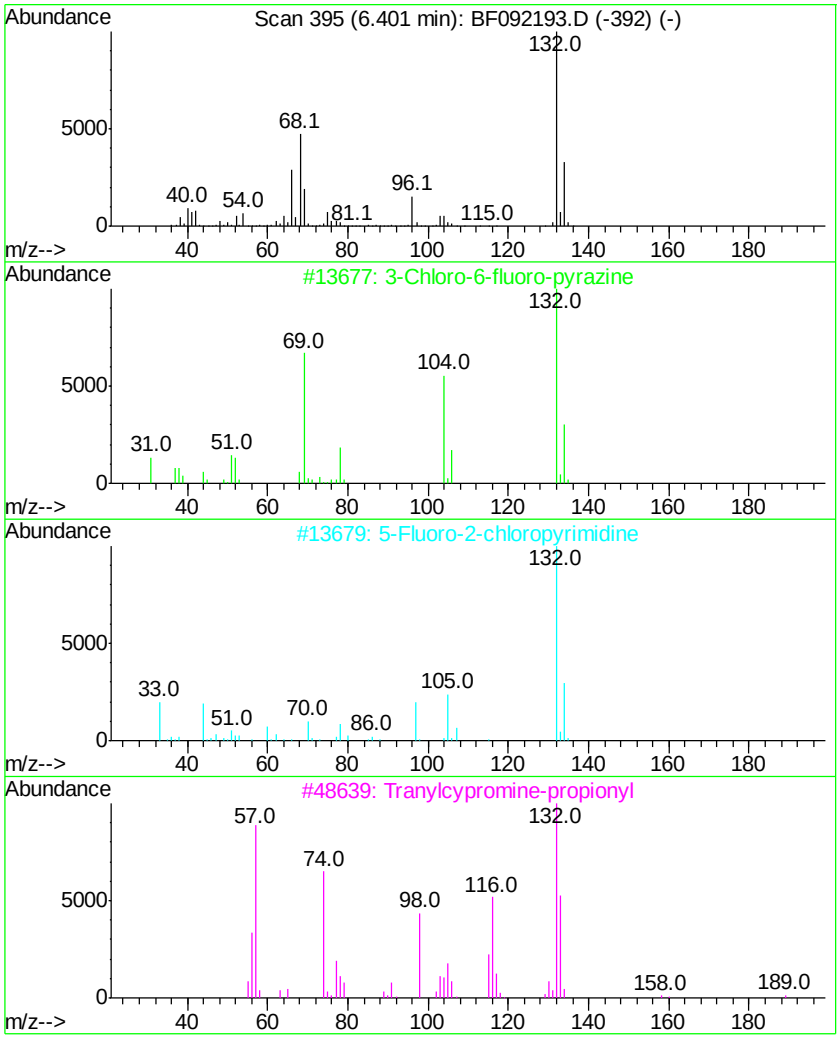
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

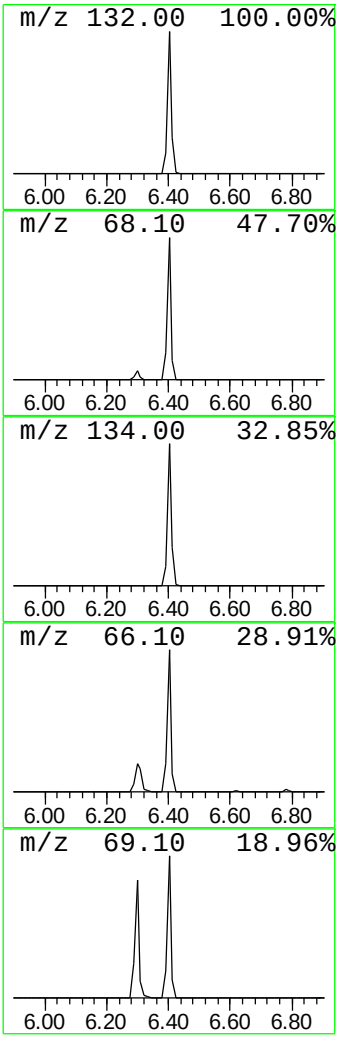
****

Peak Number 2 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	80.69 ng	3609710	1,4-Dichlorobenzene-d4	6.63

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	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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
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Operator : UM/SJ
Sample : I1079-01
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Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

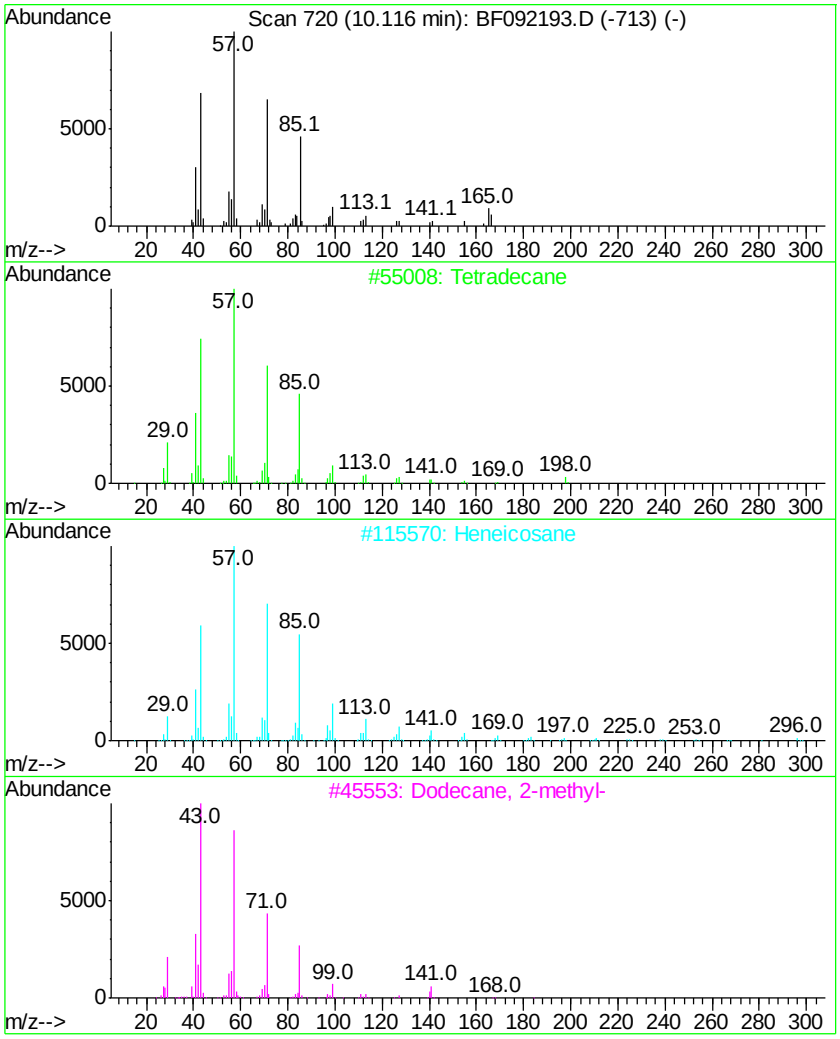
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

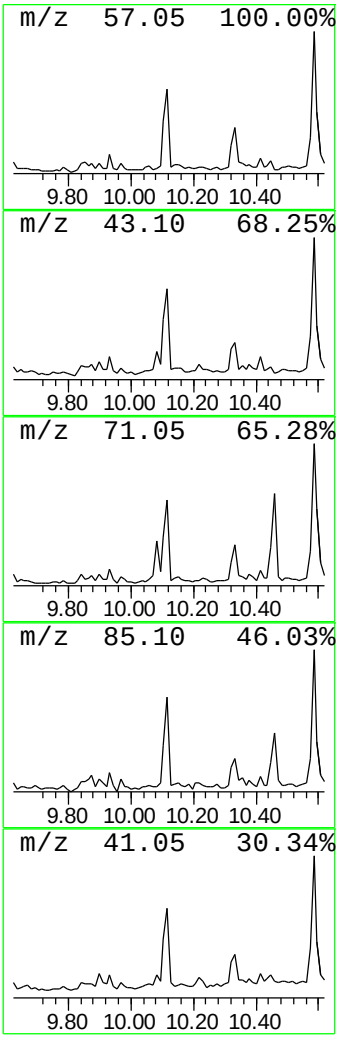
****

Peak Number 4 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.19 ng	175263	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4	Hexadecane	226	C16H34	000544-76-3	78
5	Octadecane	254	C18H38	000593-45-3	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
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Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

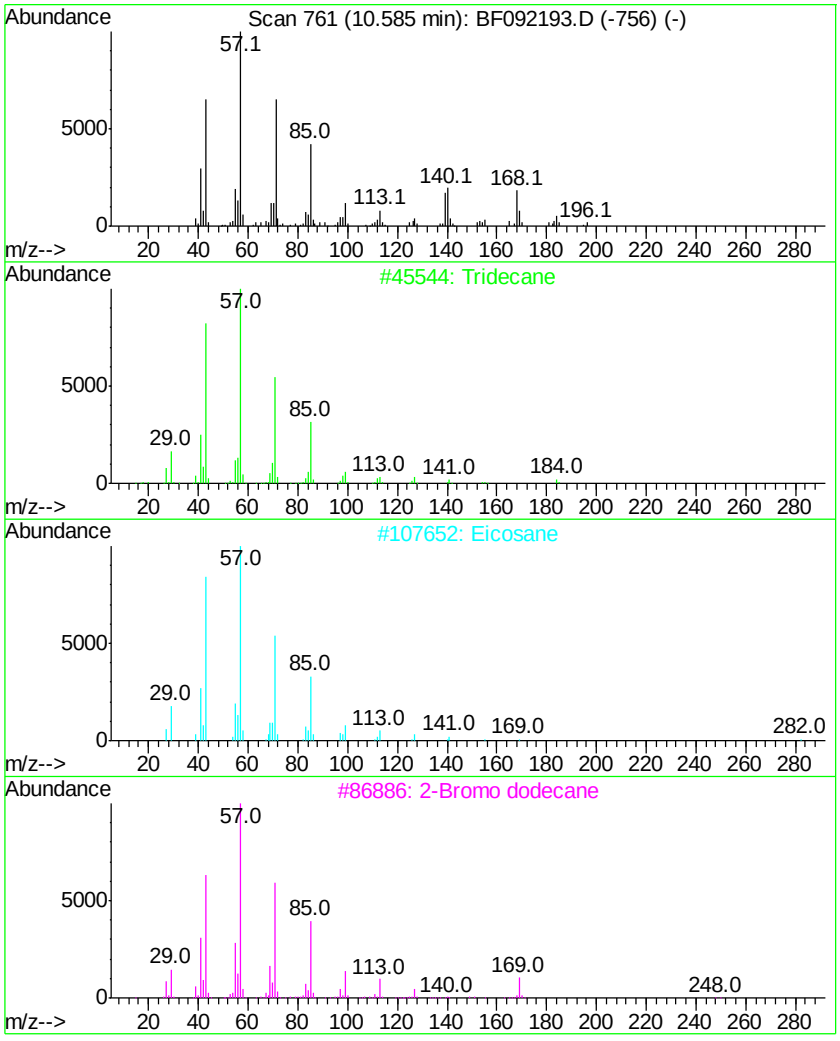
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

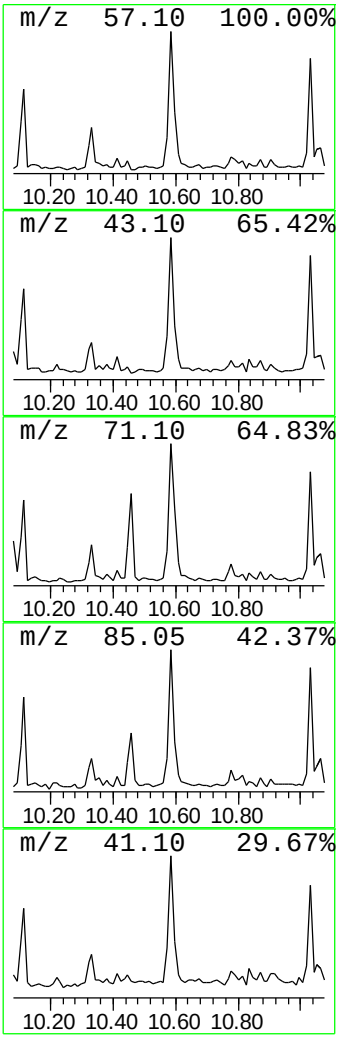
****

Peak Number 5 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.15 ng	289657	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Eicosane	282	C20H42	000112-95-8	64
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	62
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
5	Pentadecane	212	C15H32	000629-62-9	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

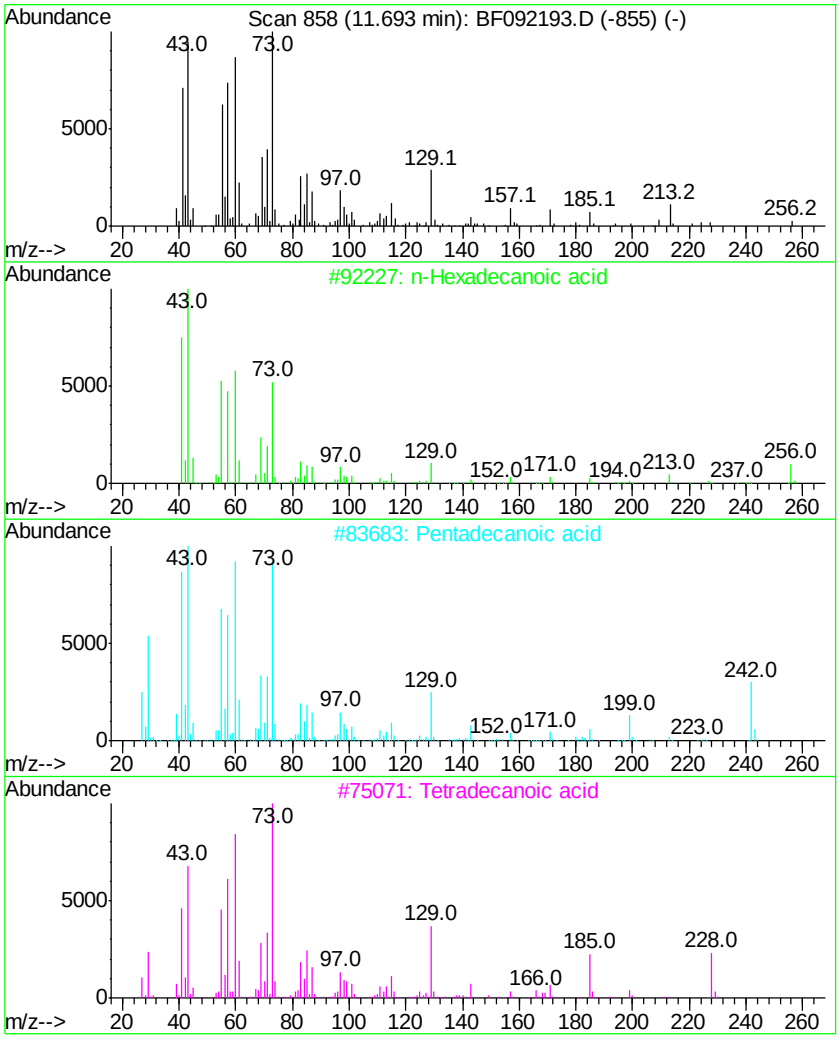
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

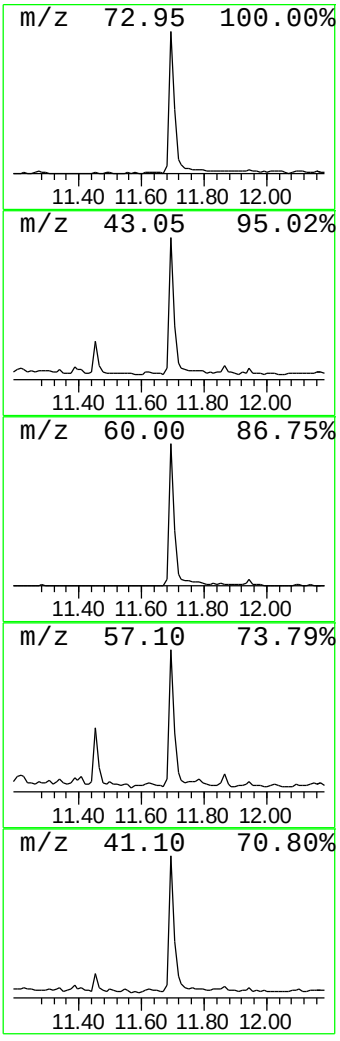
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.44 ng	733437	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecane	184	C13H28	000629-50-5	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

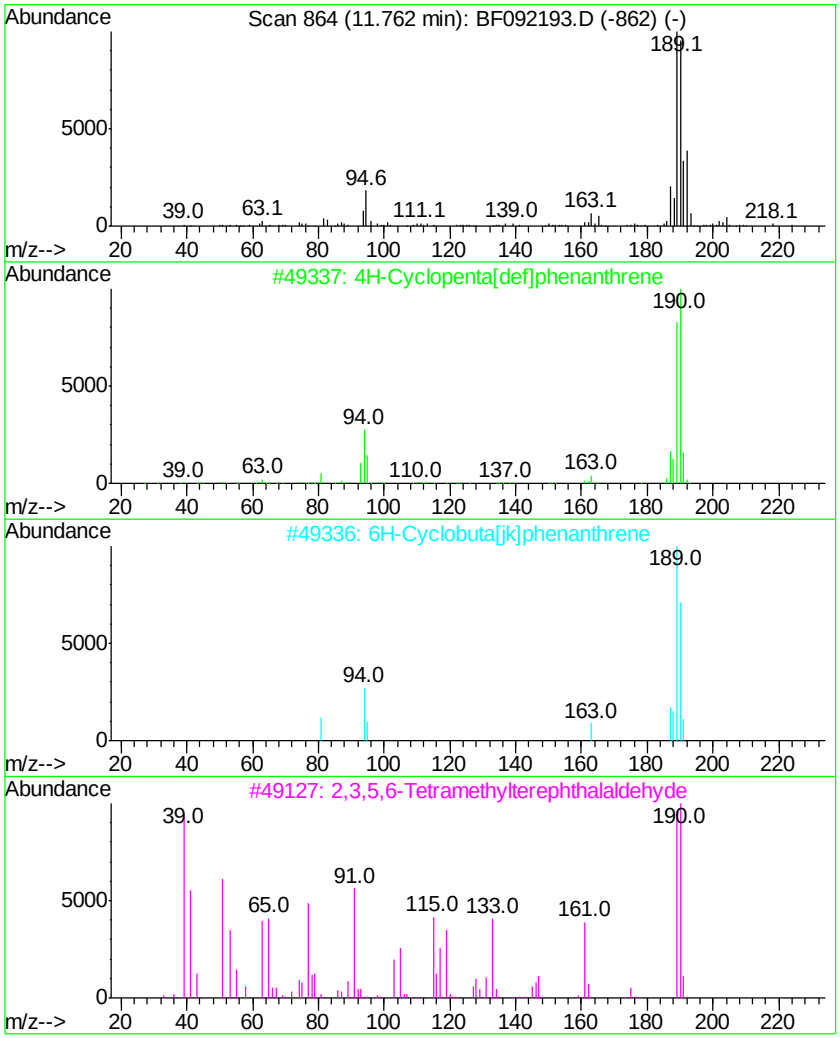
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

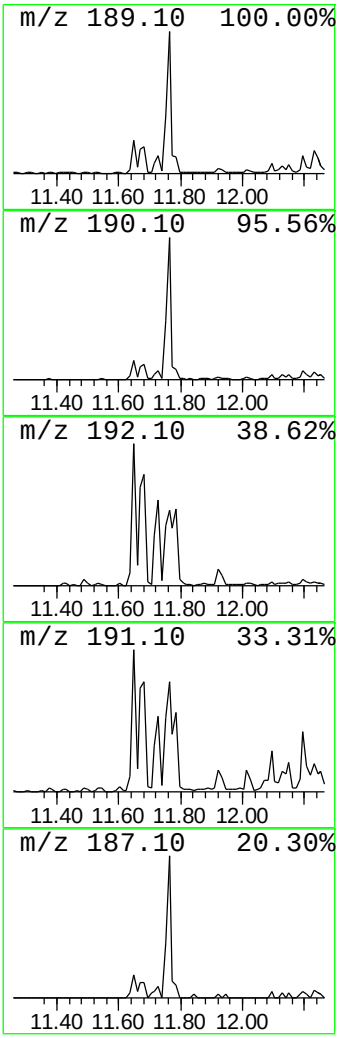
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.35 ng	451975	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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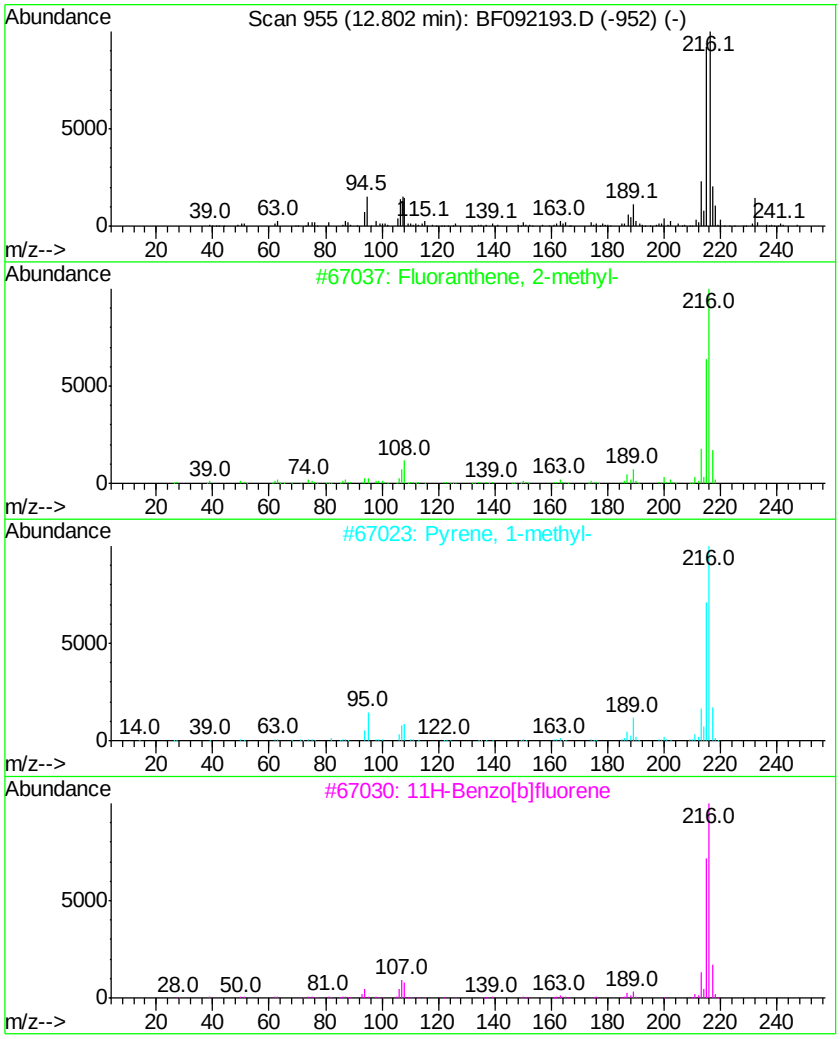
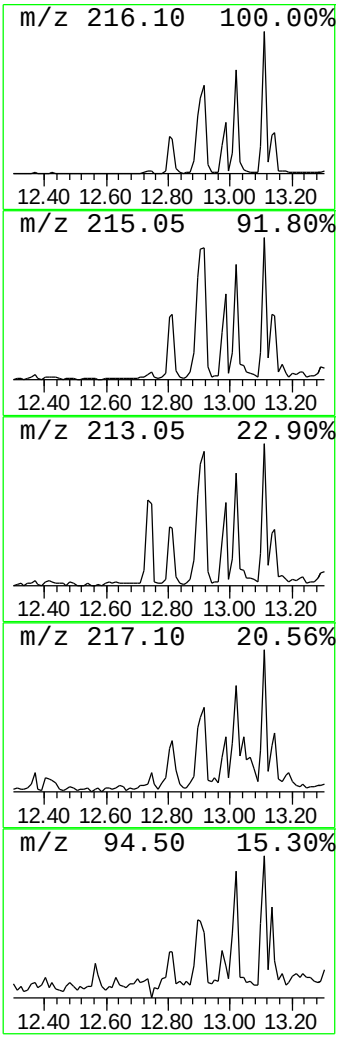
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.30 ng	359595	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Data File : BF092193.D
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Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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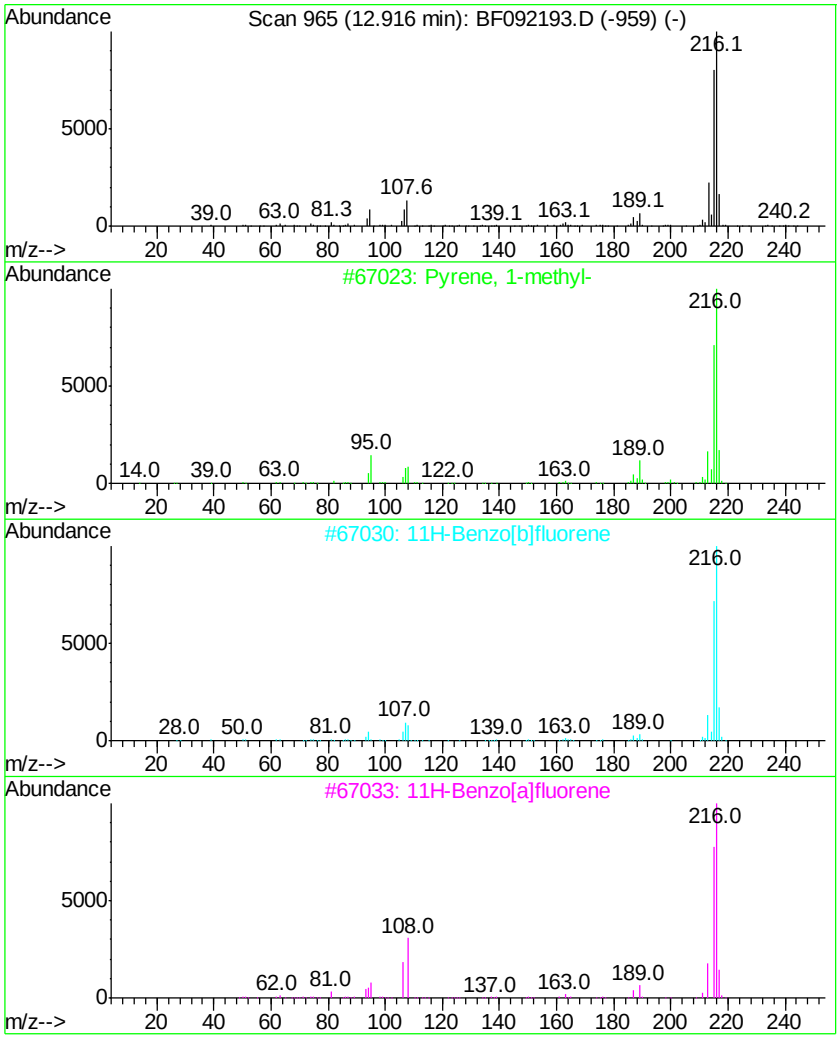
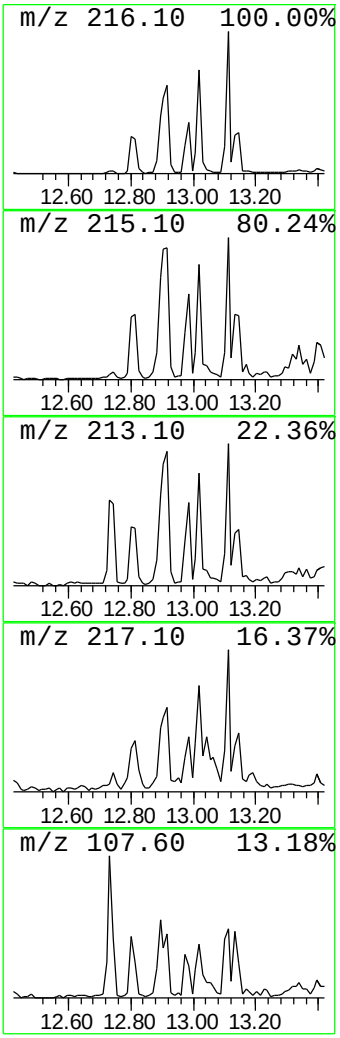
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	4.60 ng	720174	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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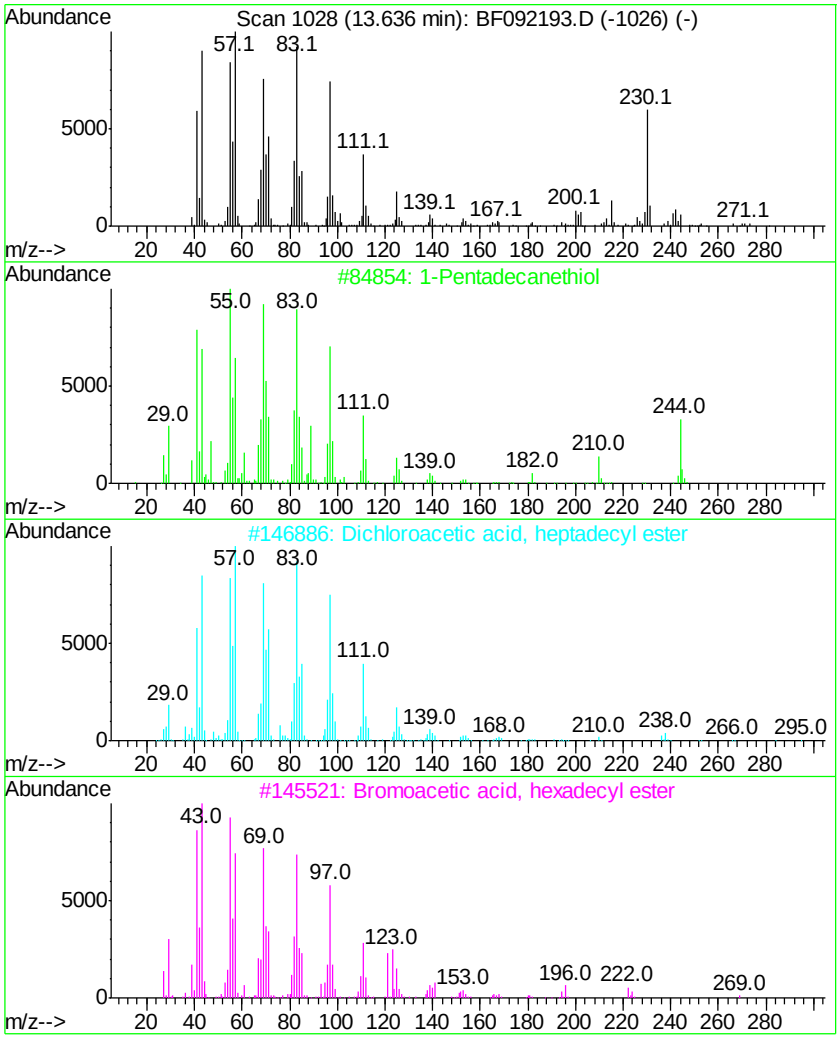
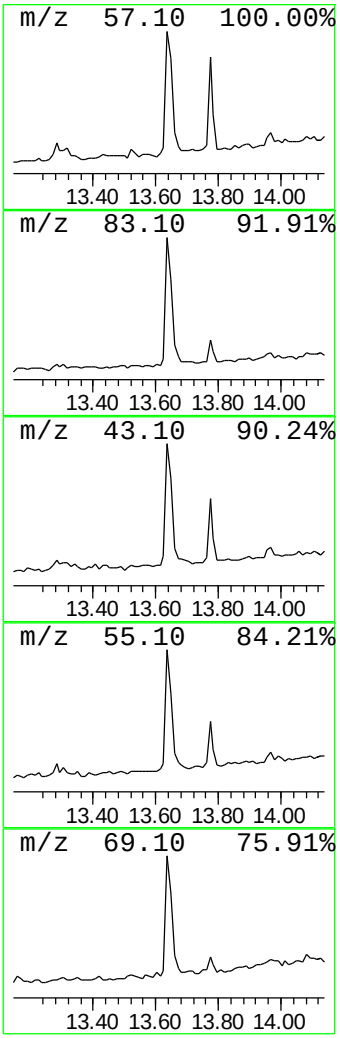
Peak Number 12 1-Pentadecanethiol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.07 ng	481111	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	74





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Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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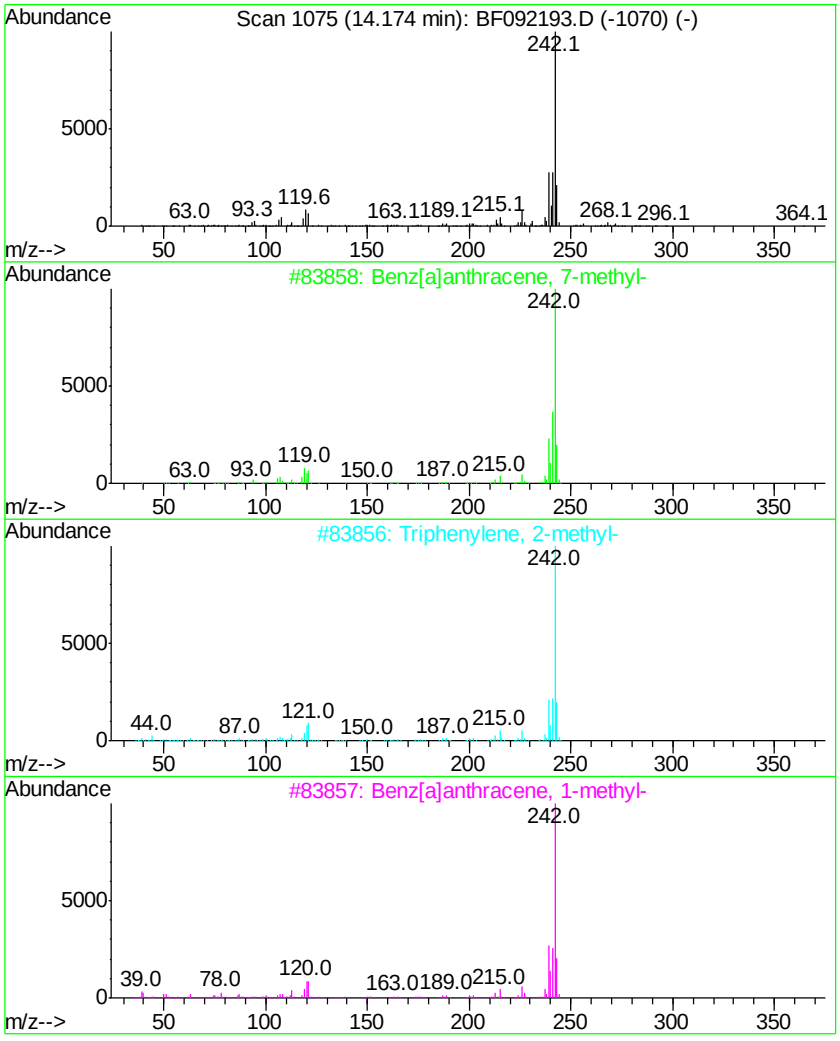
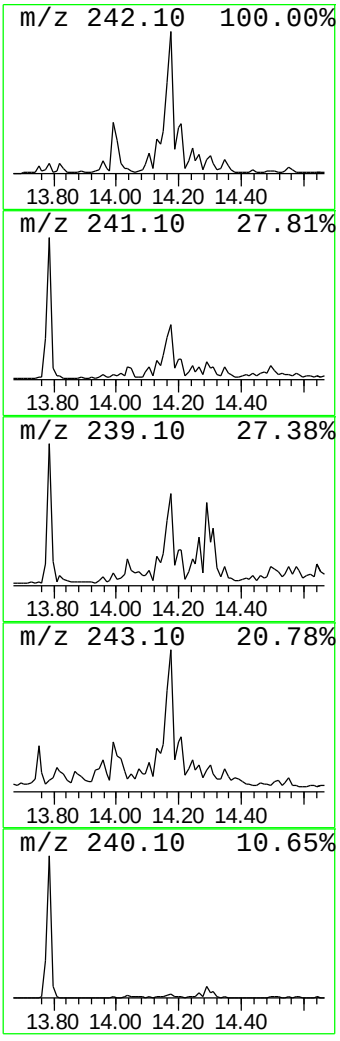
Peak Number 13 Benz[a]anthracene, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.97 ng	621752	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90





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Operator : UM/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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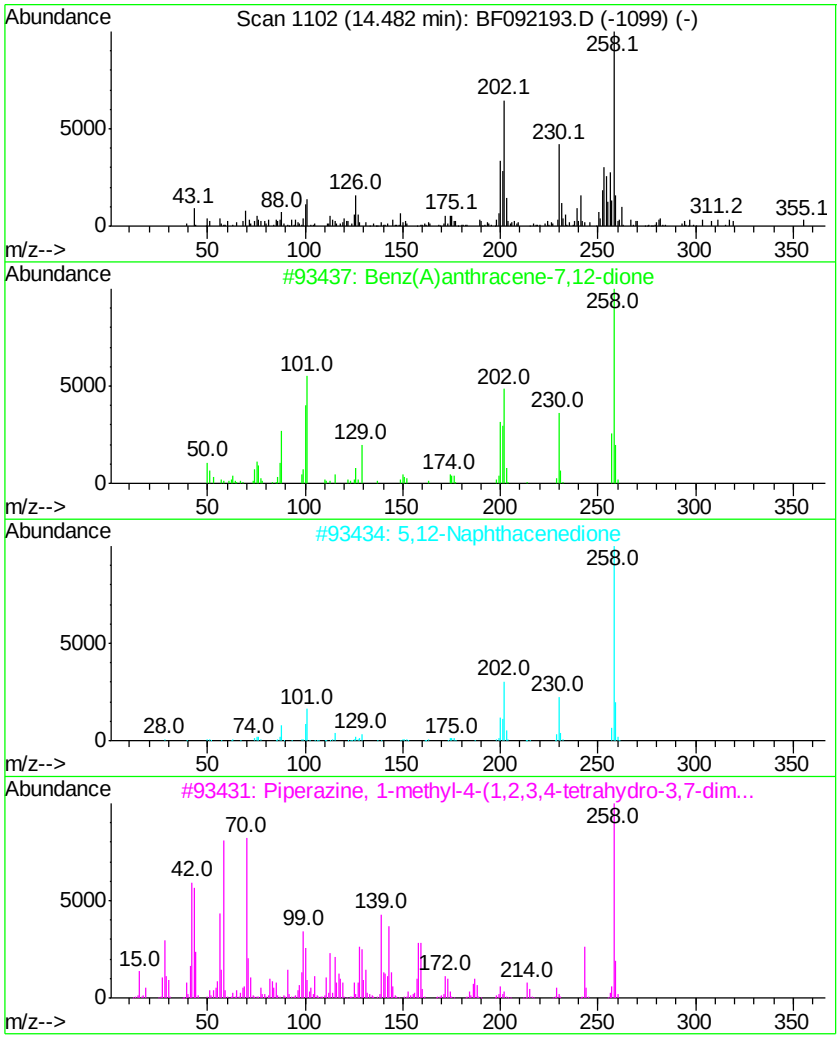
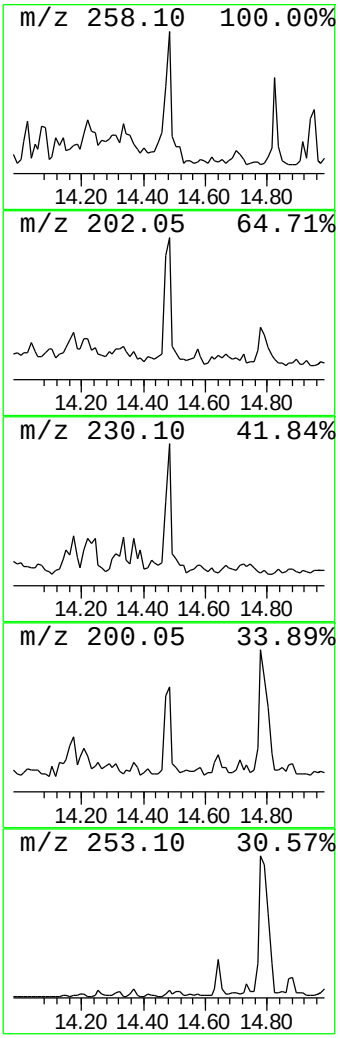
Peak Number 14 Benz(A)anthracene-7,12-dione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.48 ng	209616	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	86
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
3	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	56
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	49
5	Benz[3,4]anthra[1,2-b]oxirene, 1...	258	C19H14O	001155-38-0	35





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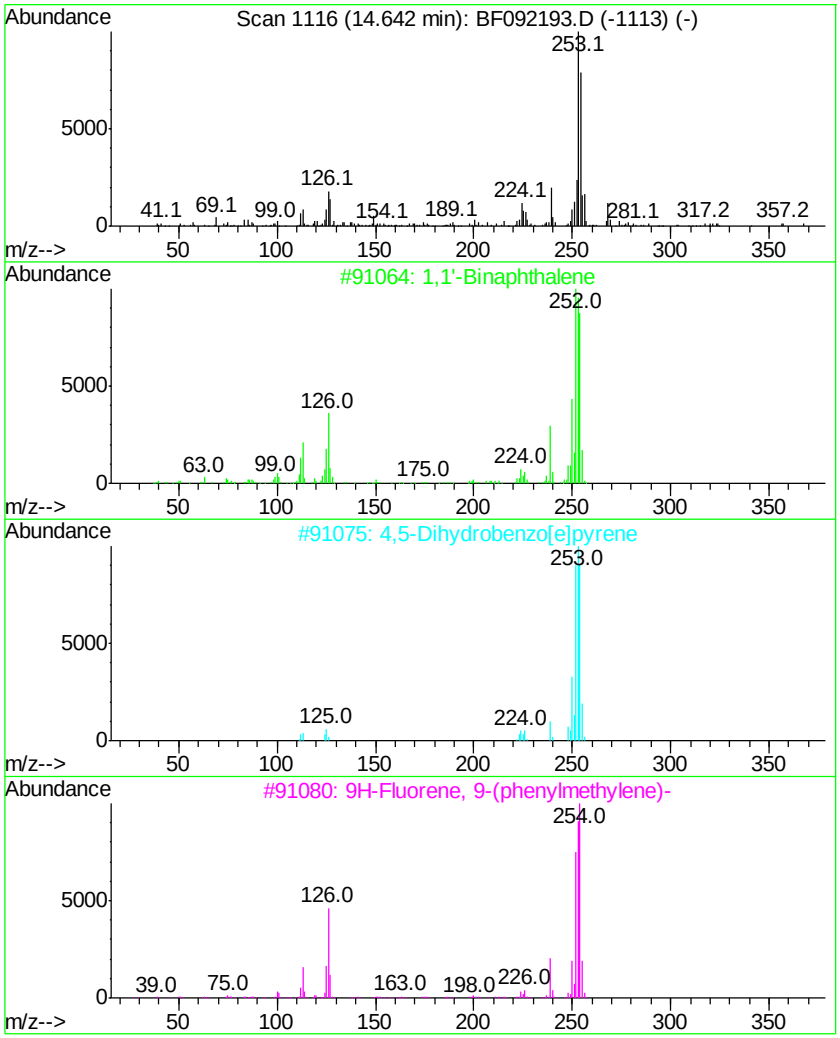
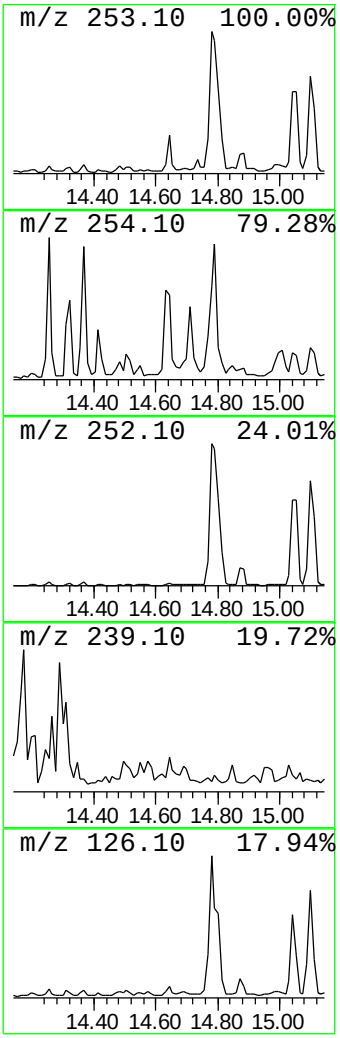
Peak Number 15 1,1'-Binaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.20 ng	253110	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	90
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	74
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	68
5	4,4'-Biazulenyl	254	C20H14	094053-54-0	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
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BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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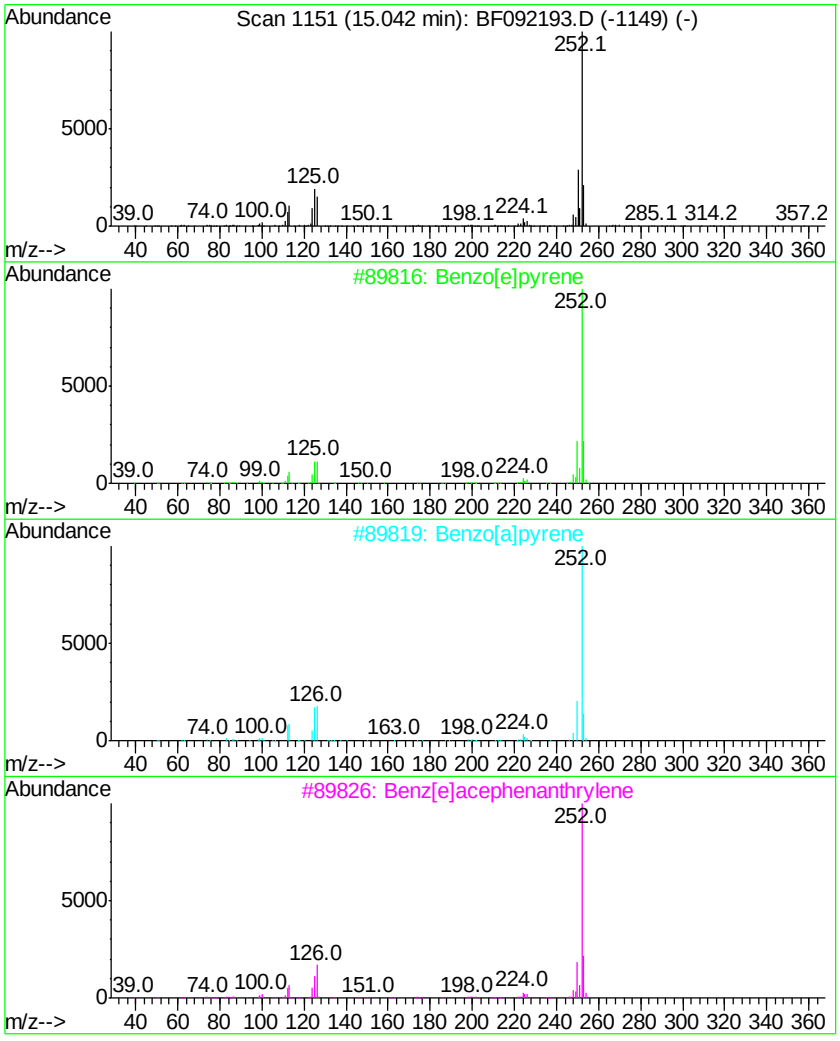
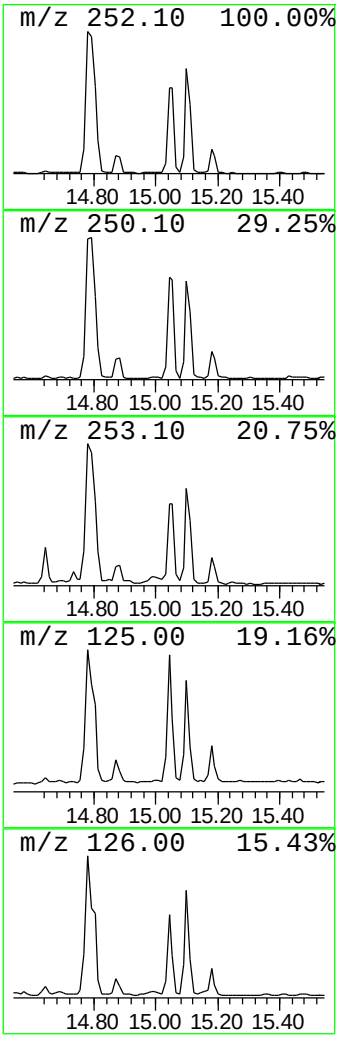
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	15.45 ng	930214	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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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...	4.76	38.5	ng	1721720	1	6.63	894731	20.0
unknown6.40	6.40	80.7	ng	3609710	1	6.63	894731	20.0
Tetradecane	10.12	2.2	ng	175263	3	9.67	1601890	20.0
Tridecane	10.58	2.1	ng	289657	4	11.14	2694450	20.0
n-Hexadecanoic acid	11.69	5.4	ng	733437	4	11.14	2694450	20.0
4H-Cyclopenta[def...	11.76	3.4	ng	451975	4	11.14	2694450	20.0
Fluoranthene, 2-m...	12.80	2.3	ng	359595	5	13.79	3129700	20.0
Pyrene, 1-methyl-	12.92	4.6	ng	720174	5	13.79	3129700	20.0
1-Pentadecanethiol	13.64	3.1	ng	481111	5	13.79	3129700	20.0
Benz[a]anthracene...	14.17	4.0	ng	621752	5	13.79	3129700	20.0
Benz(A)anthracene...	14.48	3.5	ng	209616	6	15.16	1204190	20.0
1,1'-Binaphthalene	14.64	4.2	ng	253110	6	15.16	1204190	20.0
Benzo[e]pyrene	15.04	15.4	ng	930214	6	15.16	1204190	20.0