LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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-BF092815.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	5.074	254	257	267	rVB	874364	1273001	50.07%	4.234%
2	5.486	290	293	295	rBV	1988043	2166920	85.23%	7.207%
3	6.514	380	383	385	rBV	1931453	2070070	81.42%	6.885%
4	6.651	392	395	397	rBV	2358558	2324058	91.41%	7.730%
5	6.709	397	400	403	rVB	34431	45203	1.78%	0.150%
6	6.880	413	415	418	rBV	599958	574652	22.60%	1.911%
7	7.040	426	429	431	rBV	2135020	1912059	75.21%	6.360%
8	7.452	463	465	470	rBV	1325818	1355063	53.30%	4.507%
9	7.532	470	472	479	rVB	19318	41826	1.65%	0.139%
10	8.172	525	528	530	rBV	823027	785620	30.90%	2.613%
11	8.880	589	590	594	rVB	33099	32278	1.27%	0.107%
12	8.983	597	599	601	rBV	32111	31054	1.22%	0.103%
13	9.246	619	622	625	rBV	2625806	2542375	100.00%	8.456%
14	9.577	650	651	653	rBV	23585	29972	1.18%	0.100%
15	9.646	655	657	659	rVV	400390	403714	15.88%	1.343%
16	9.703	660	662	667	rVB	16002	27744	1.09%	0.092%
17	9.783	667	669	672	rBV	70908	65731	2.59%	0.219%
18	9.852	672	675	677	rVB	38085	34985	1.38%	0.116%
19	9.932	679	682	683	rVV	560251	799139	31.43%	2.658%
20	9.955	683	684	688	rVB	24251	26499	1.04%	0.088%
21	10.126	697	699	701	rVB2	24997	26447	1.04%	0.088%
22	10.332	715	717	718	rBV2	25084	41707	1.64%	0.139%
23	10.355	718	719	720	rVV	67178	46811	1.84%	0.156%
24	10.469	723	729	732	rVB3	24309	54231	2.13%	0.180%
25	10.572	736	738	741	rBV2	23847	38108	1.50%	0.127%
26	10.720	748	751	753	rBV2	1076809	1391704	54.74%	4.629%
27	10.823	759	760	765	rVB2	87722	134579	5.29%	0.448%
28	11.018	774	777	779	rBV3	16981	25942	1.02%	0.086%
29	11.166	786	790	793	rBV3	15471	41853	1.65%	0.139%
30	11.269	797	799	801	rVV2	55881	63036	2.48%	0.210%
31	11.303	801	802	805	rVB2	30711	35393	1.39%	0.118%
32	11.418	809	812	816	rBV2	538535	996784	39.21%	3.315%
33	11.486	817	818	820	rVB	49967	41442	1.63%	0.138%
34	11.646	829	832	834	rBV2	22172	41273	1.62%	0.137%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.703	834	837	839	rVB	43661	49321	1.94%	0.164%
36	11.909	853	855	856	rBV	60465	75763	2.98%	0.252%
37	11.943	856	858	860	rVV	413745	404086	15.89%	1.344%
38	12.023	863	865	870	rVB	121305	197404	7.76%	0.657%
39	12.103	870	872	874	rBV	29152	44830	1.76%	0.149%
40	12.206	877	881	882	rBV4	36795	53297	2.10%	0.177%
41	12.241	882	884	887	rVB	37043	50118	1.97%	0.167%
42	12.355	891	894	896	rBV3	28632	44333	1.74%	0.147%
43	12.389	896	897	898	rBV	37889	26333	1.04%	0.088%
44	12.458	901	903	905	rBV	68874	100981	3.97%	0.336%
45	12.492	905	906	910	rVB	42586	68726	2.70%	0.229%
46	12.549	910	911	915	rVB3	44337	45013	1.77%	0.150%
47	12.629	915	918	920	rBV	436004	473287	18.62%	1.574%
48	12.675	920	922	925	rVB3	14446	27564	1.08%	0.092%
49	12.721	925	926	928	rBV	55718	64989	2.56%	0.216%
50	12.858	935	938	941	rBV	432328	555400	21.85%	1.847%
51	12.904	941	942	944	rVB	37412	50095	1.97%	0.167%
52	13.006	948	951	953	rVV	1867572	2164872	85.15%	7.201%
53	13.075	955	957	961	rVV3	51206	80797	3.18%	0.269%
54	13.178	963	966	968	rVB2	65818	124028	4.88%	0.413%
55	13.224	968	970	971	rBV2	27433	33982	1.34%	0.113%
56	13.246	971	972	974	rVV	42272	51608	2.03%	0.172%
57	13.281	974	975	979	rVB3	58236	95459	3.75%	0.318%
58	13.372	982	983	985	rVV	37925	53935	2.12%	0.179%
59	13.406	985	986	988	rVB	47717	48561	1.91%	0.162%
60	13.566	998	1000	1002	rBV3	29085	65061	2.56%	0.216%
61	13.692	1009	1011	1014	rVB	56381	64042	2.52%	0.213%
62	13.806	1018	1021	1022	rBV2	58981	115233	4.53%	0.383%
63	13.898	1027	1029	1034	rVB2	239956	325449	12.80%	1.082%
64	14.058	1039	1043	1049	rBV3	604867	1303332	51.26%	4.335%
65	14.447	1074	1077	1078	rBV	56105	95169	3.74%	0.317%
66	14.481	1078	1080	1081	rBV2	29863	33608	1.32%	0.112%
67	14.538	1081	1085	1086	rBV3	67102	146649	5.77%	0.488%
68	14.972	1120	1123	1125	rBV	211641	254279	10.00%	0.846%
69	15.087	1130	1133	1137	rBV	229951	459669	18.08%	1.529%
70	15.155	1137	1139	1140	rVV	128042	135700	5.34%	0.451%
71	15.189	1140	1142	1147	rVB	226453	361082	14.20%	1.201%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.384	1157	1159	1162	rVB	132087	160418	6.31%	0.534%
73	15.441	1162	1164	1167	rBV	141011	203666	8.01%	0.677%
74	15.509	1167	1170	1176	rVB	358888	557140	21.91%	1.853%
75	15.727	1186	1189	1192	rVB	158210	216228	8.50%	0.719%
76	15.955	1206	1209	1211	rVB	51375	85267	3.35%	0.284%
77	16.012	1211	1214	1218	rBV3	99259	218534	8.60%	0.727%
78	16.732	1274	1277	1280	rBV2	57753	120928	4.76%	0.402%
79	16.938	1292	1295	1300	rVB2	53035	123947	4.88%	0.412%
80	17.018	1300	1302	1306	rVB	29988	63988	2.52%	0.213%
81	17.121	1308	1311	1313	rBV2	31855	72822	2.86%	0.242%
82	17.361	1330	1332	1339	rVB	56240	131980	5.19%	0.439%
83	17.498	1341	1344	1351	rBV8	31372	117786	4.63%	0.392%
84	18.493	1427	1431	1438	rVB5	34777	127022	5.00%	0.422%

Sum of corrected areas: 30065054

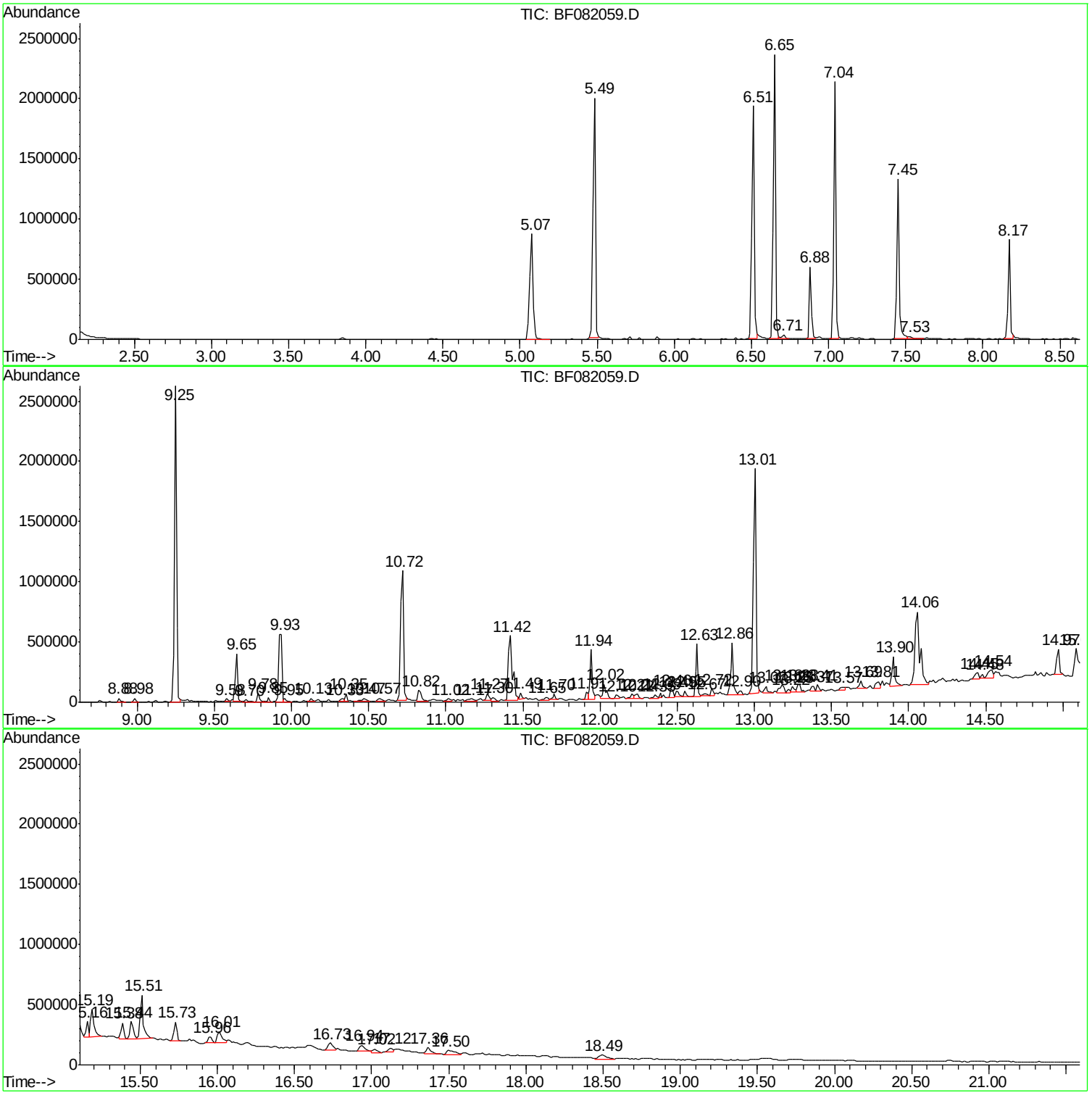
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

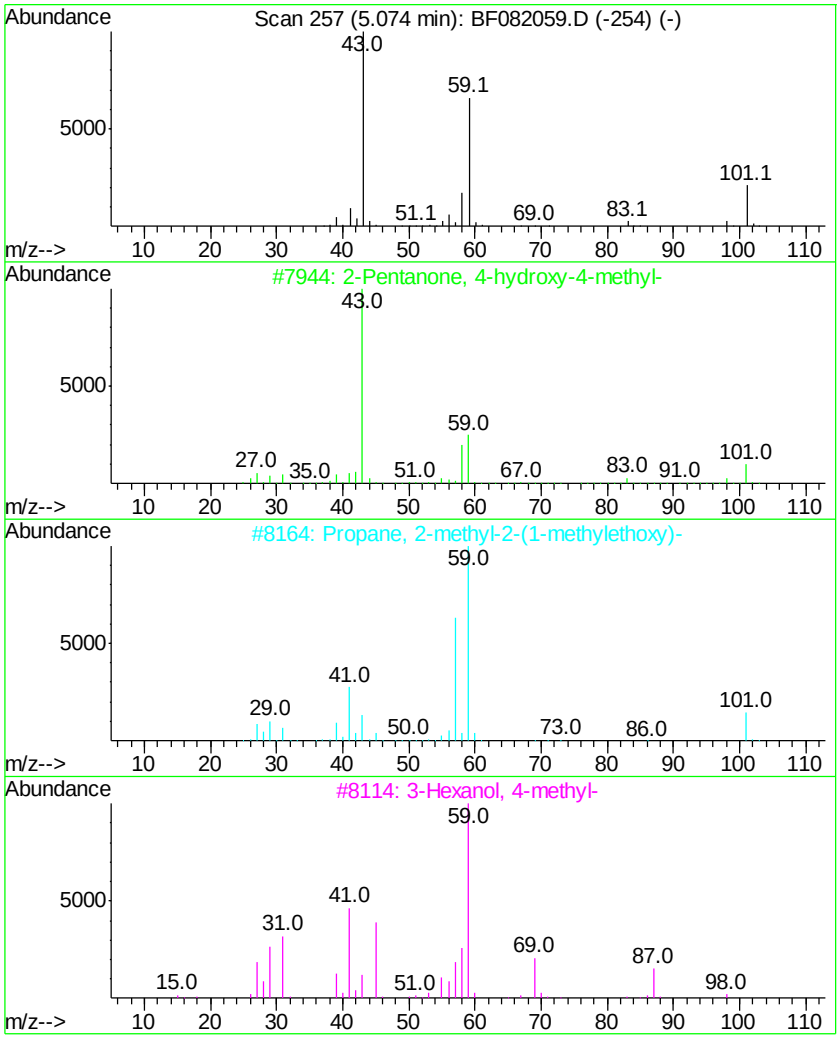
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

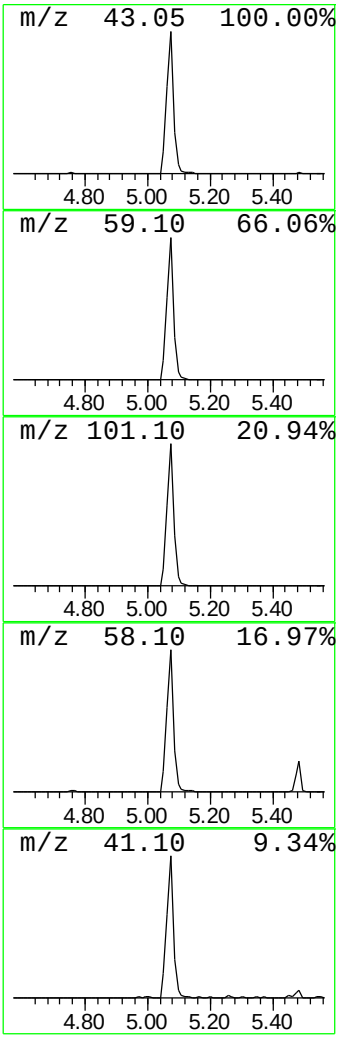
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	44.31 ng	1273000	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

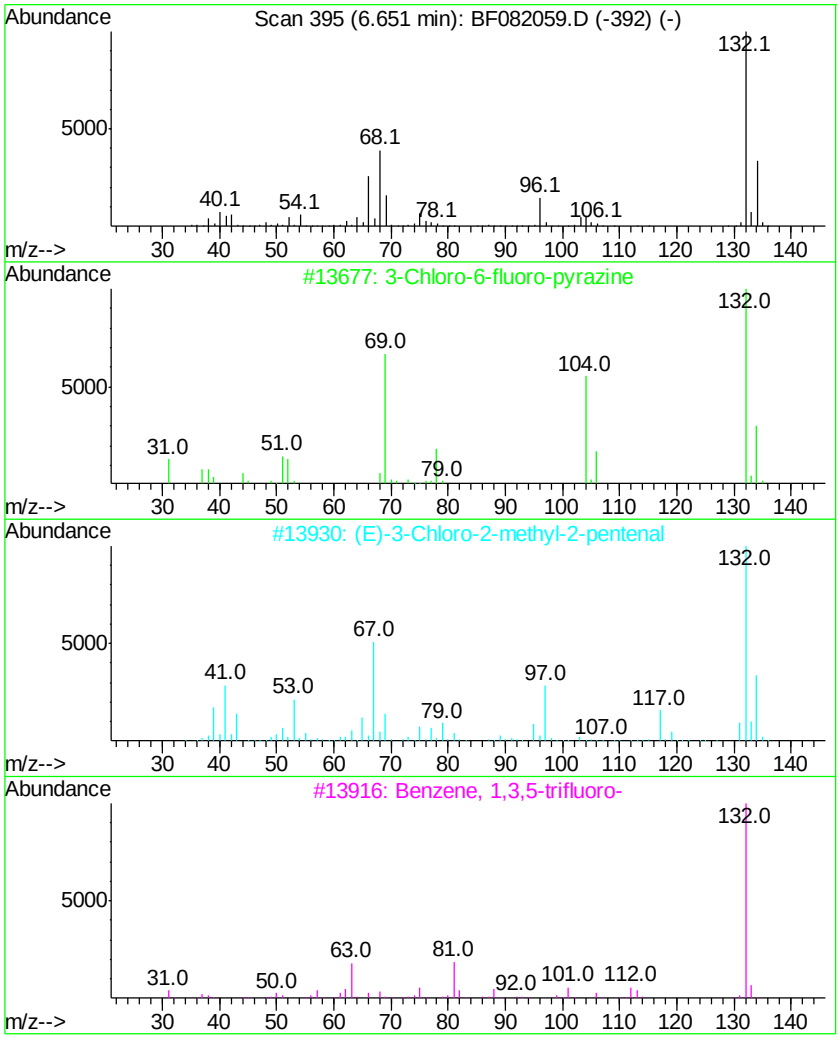
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

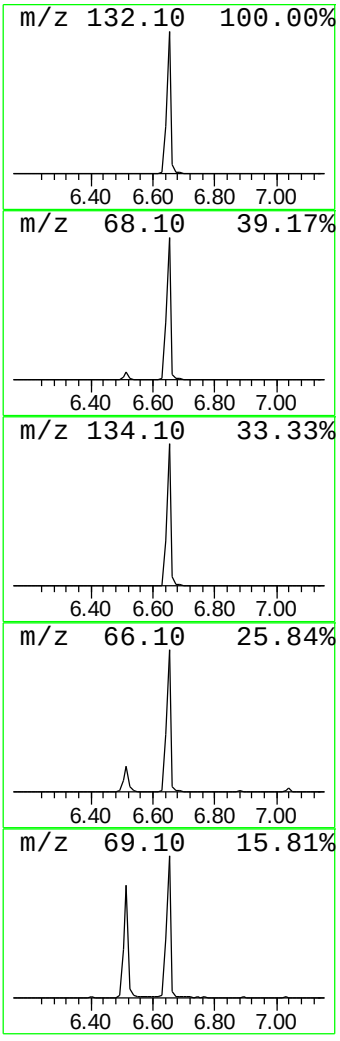
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	80.89 ng	2324060	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

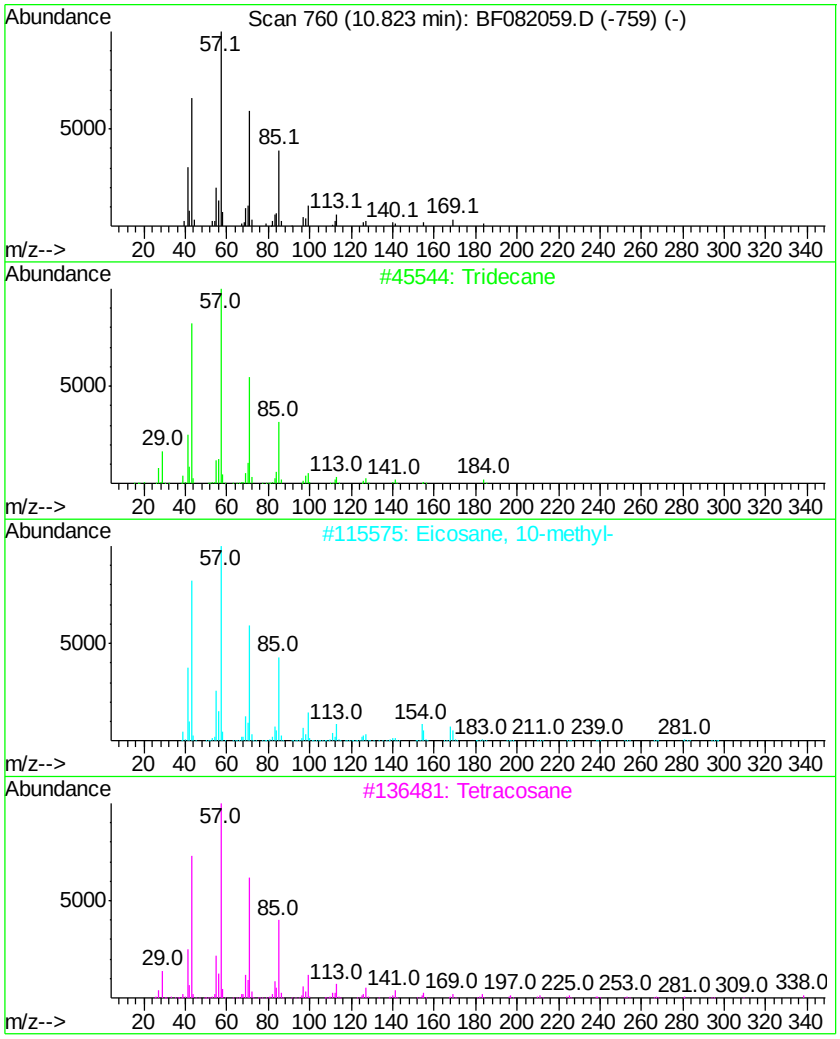
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

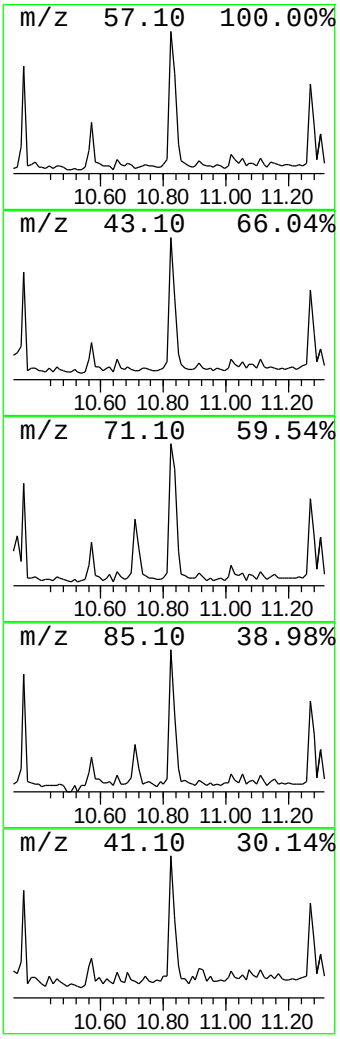
****

Peak Number 4 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.70 ng	134579	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

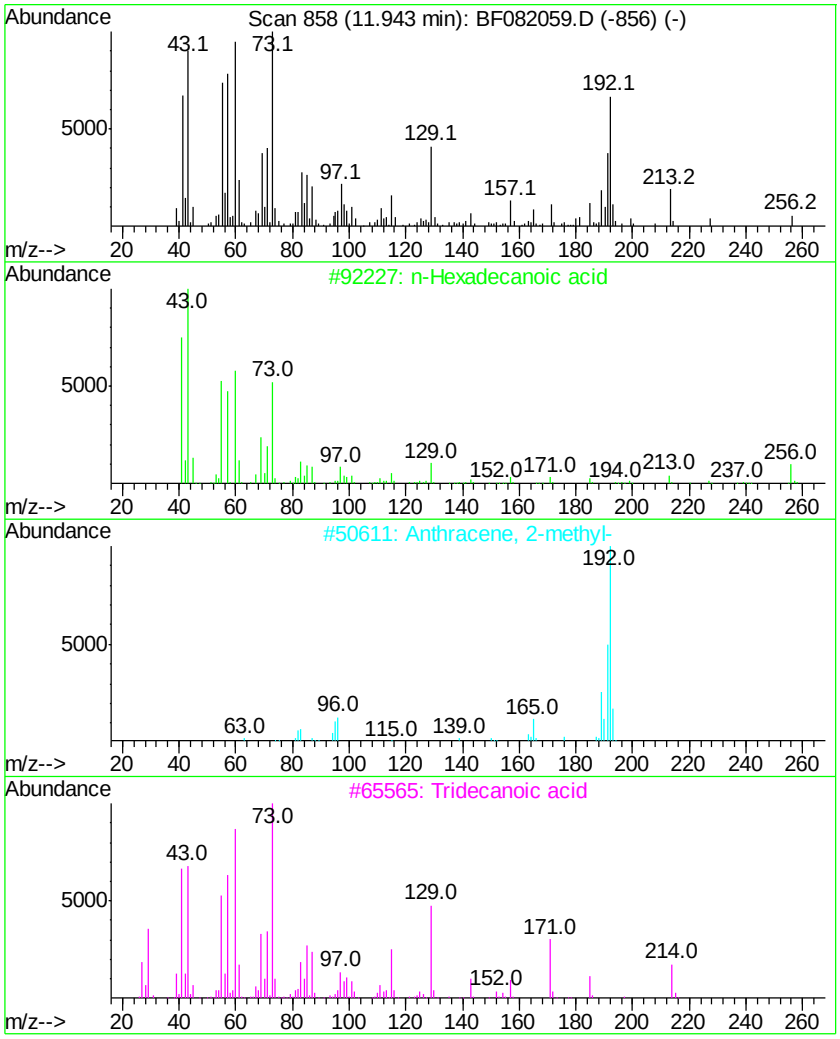
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

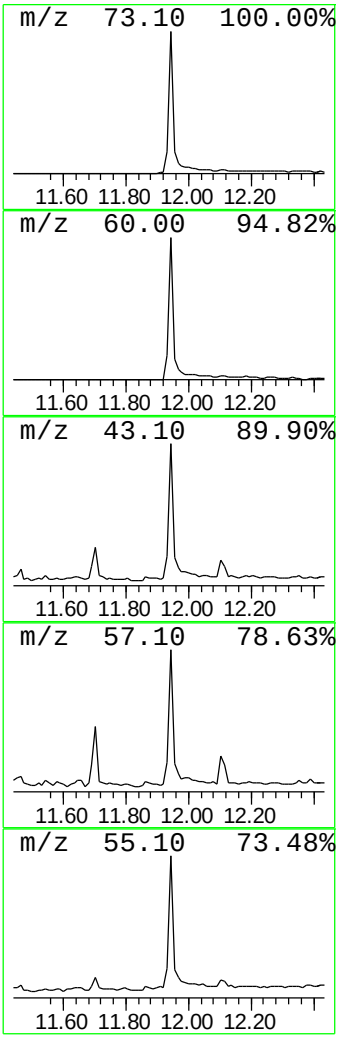
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	8.11 ng	404086	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

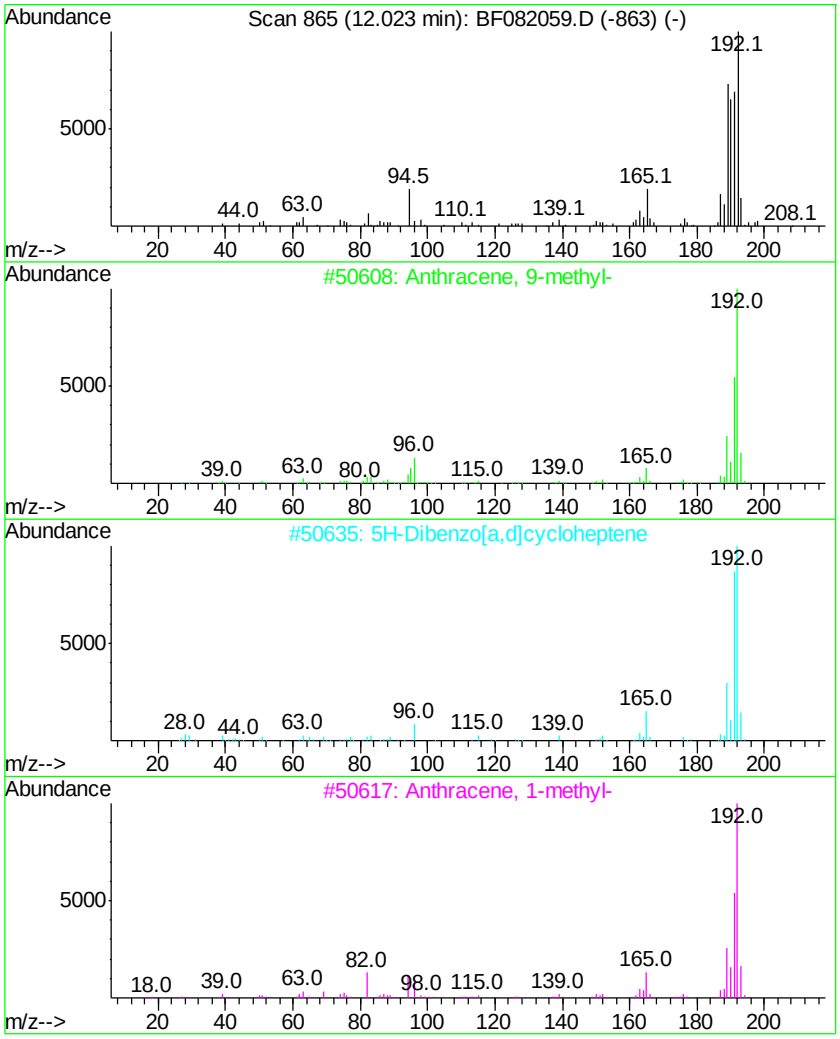
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

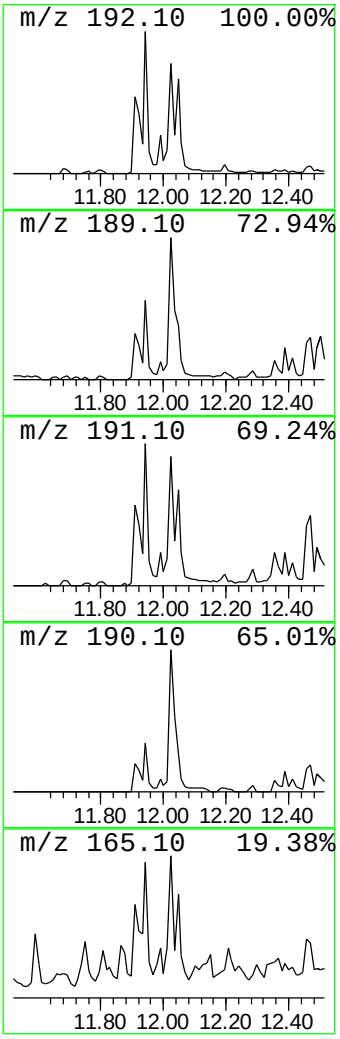
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.96 ng	197404	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	52
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

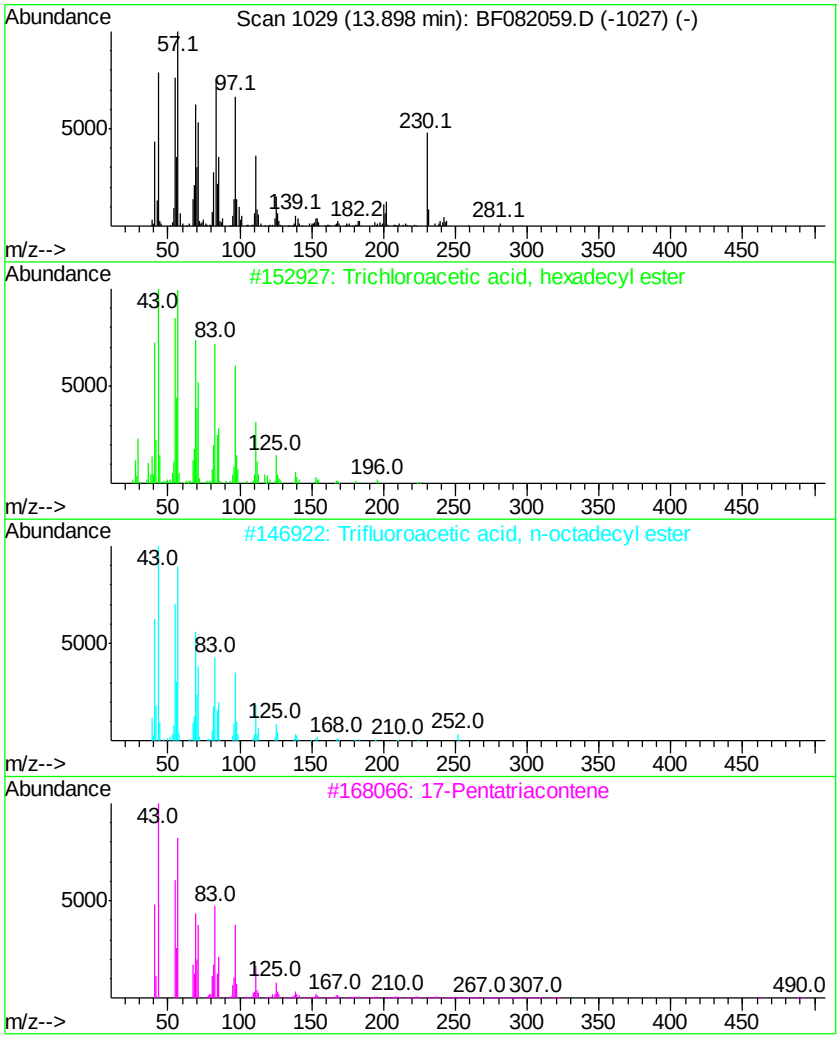
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

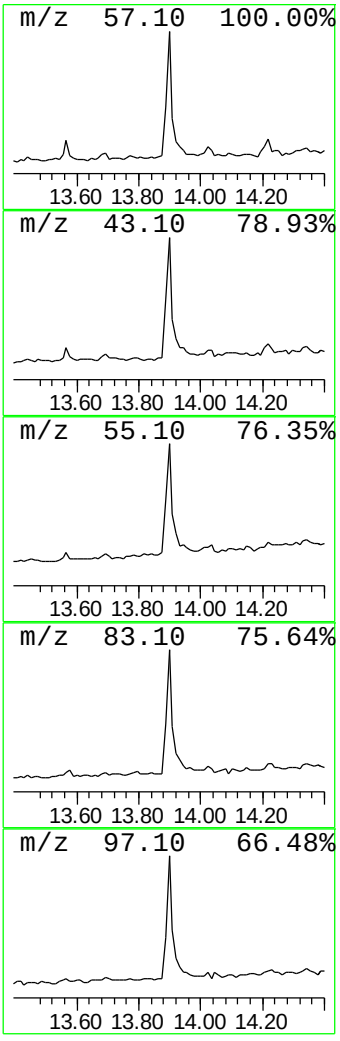
****

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.99 ng	325449	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	81
3	17-Pentatriacontene	491	C35H70	006971-40-0	74
4	1-Docosene	308	C22H44	001599-67-3	70
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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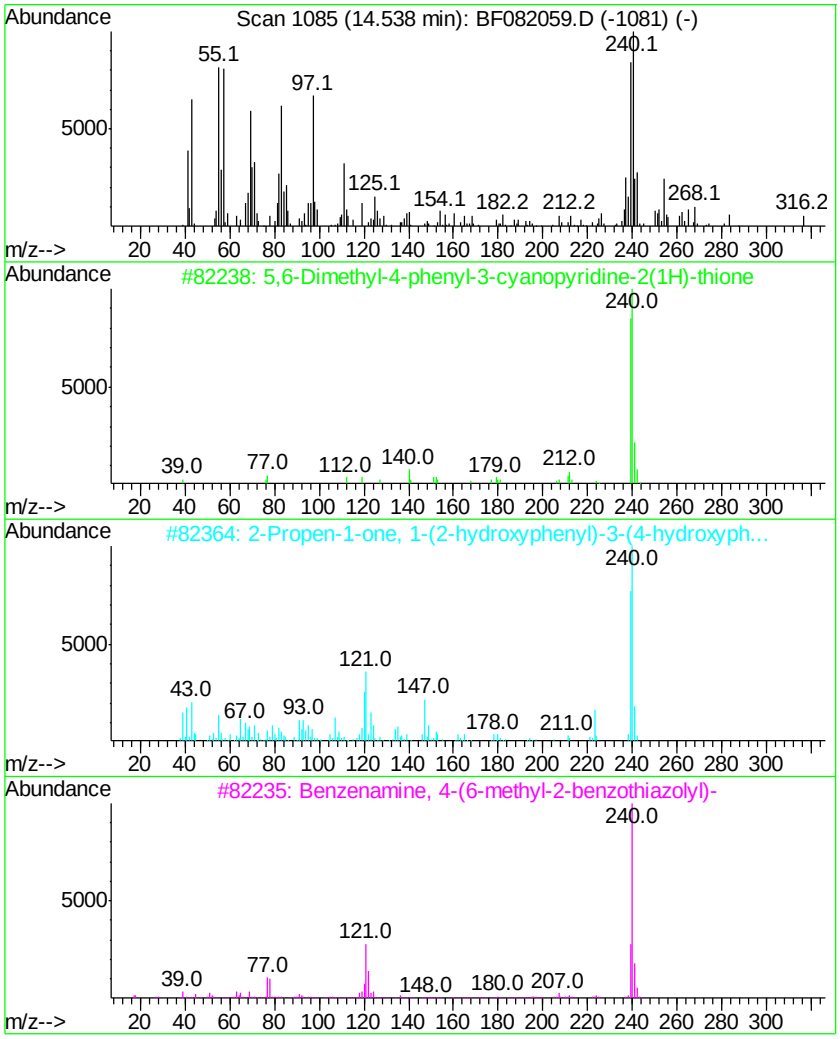
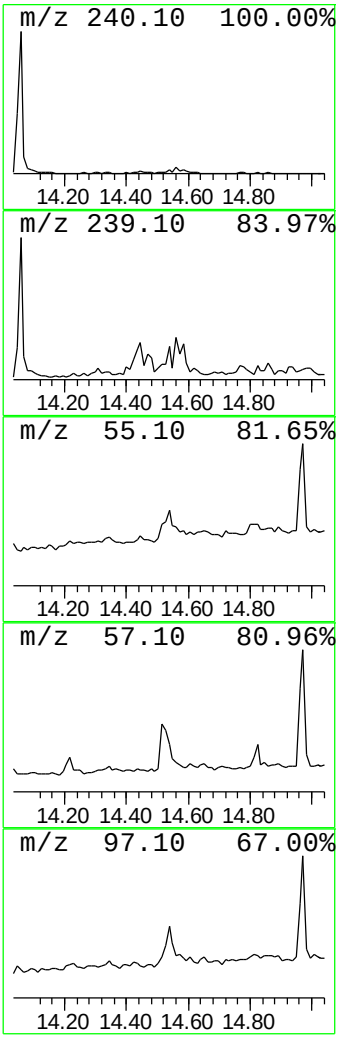
Peak Number 8 unknown14.54 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.25 ng	146649	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	49
2	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	47
3	Benzenamine, 4-(6-methyl-2-benzo...	240	C14H12N2S	000092-36-4	30
4	Iron, (.eta.5-2,4-cyclopentadien...	240	C14H16Fe	033039-67-7	25
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	25





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Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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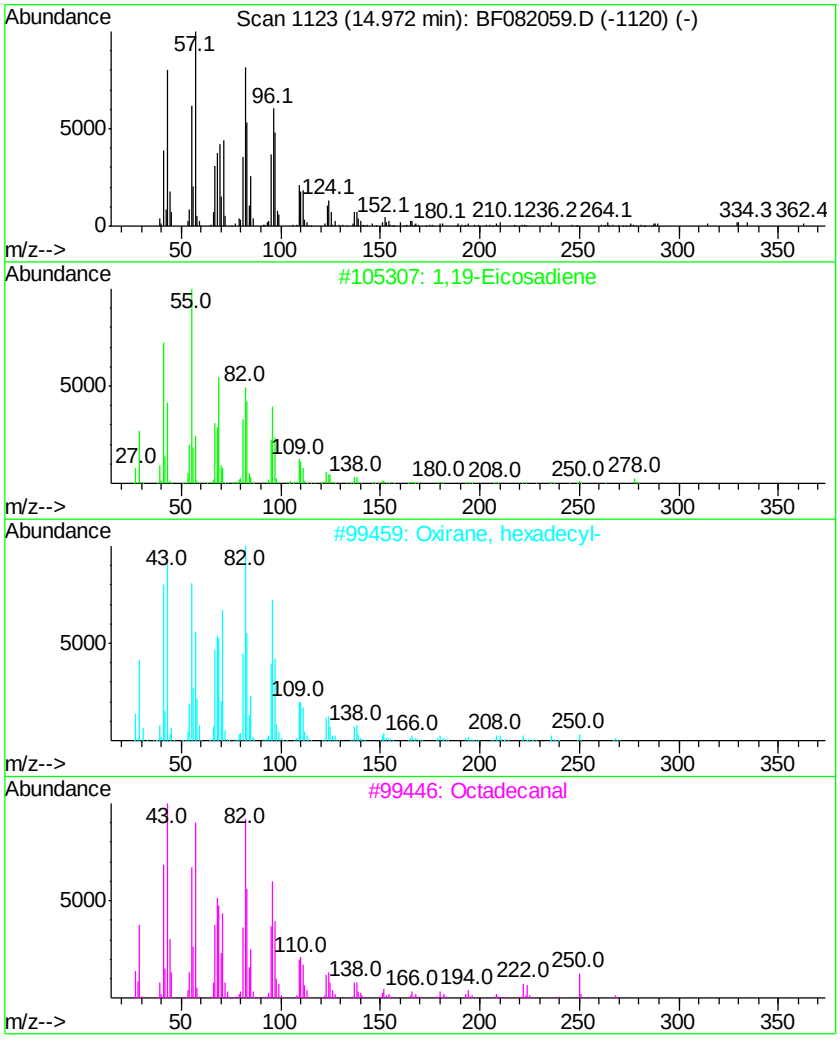
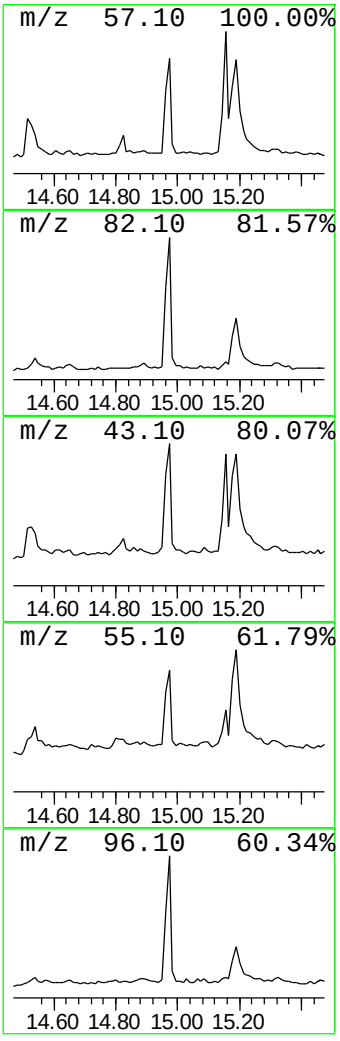
Peak Number 9 unknown14.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	9.13 ng	254279	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5	Tetracosanal	352	C24H48O	057866-08-7	86





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Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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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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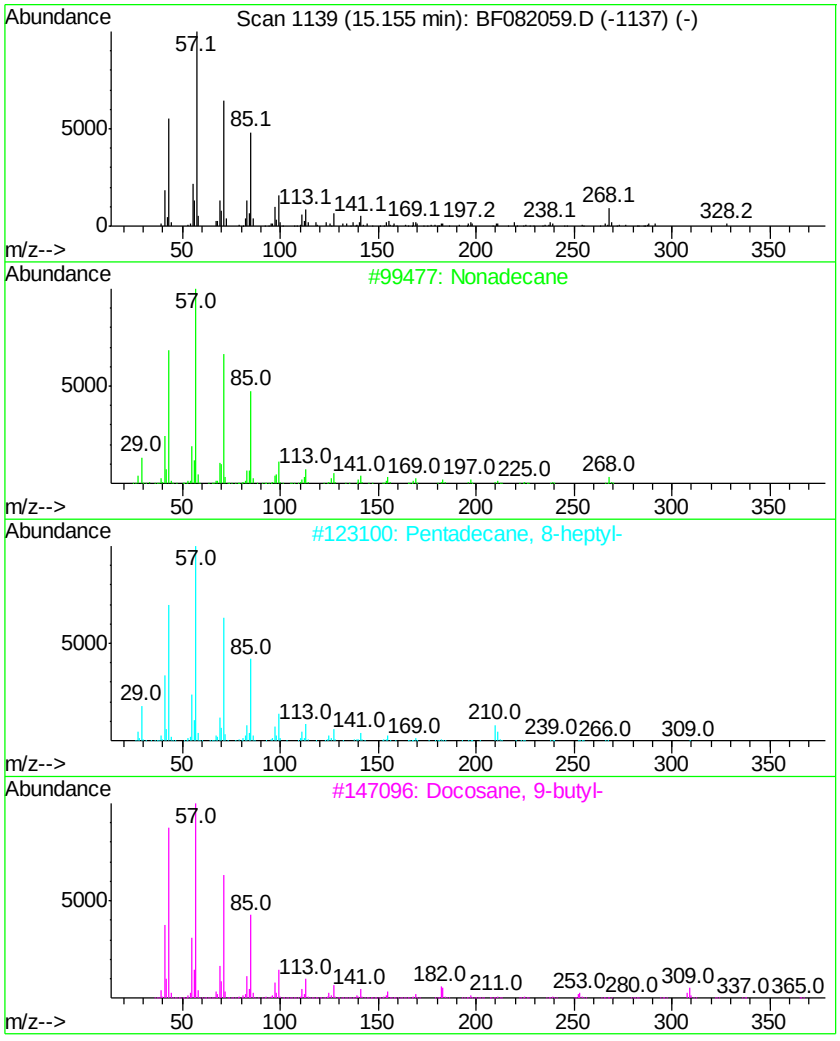
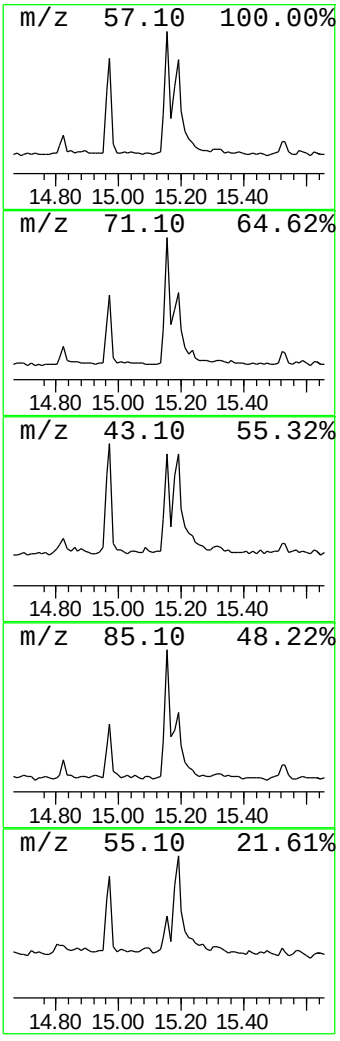
Peak Number 10 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.87 ng	135700	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80





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ClientSampleId : FD-1

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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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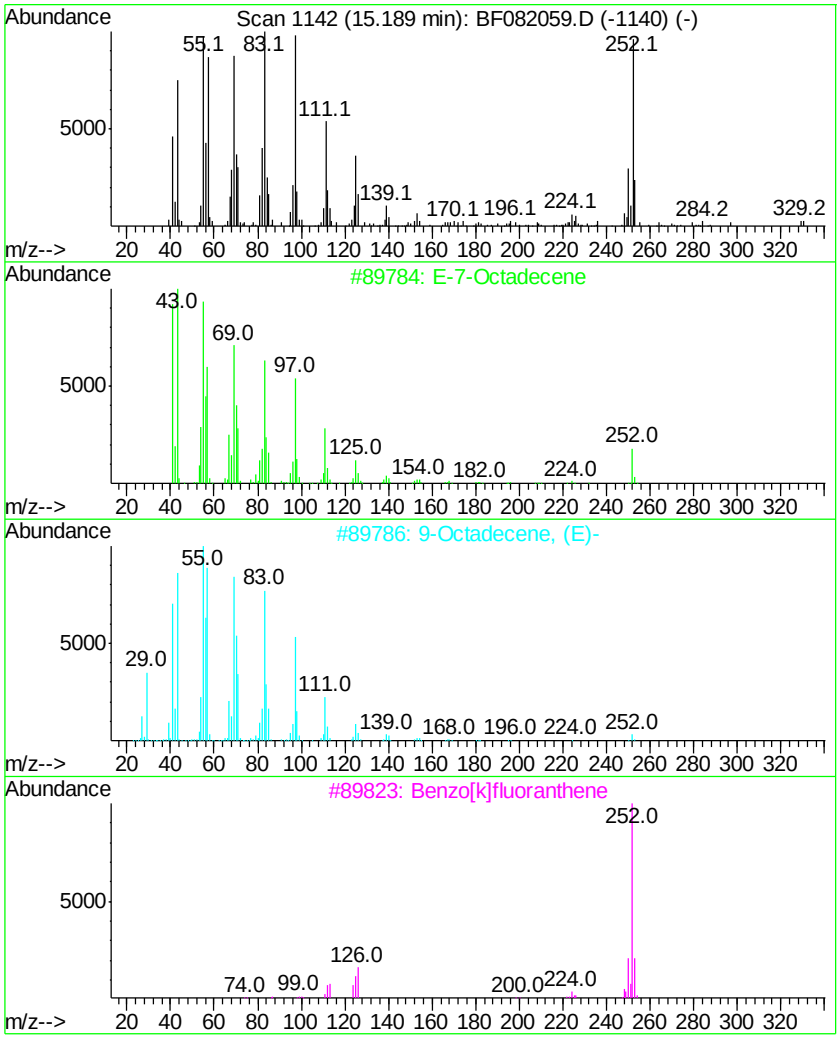
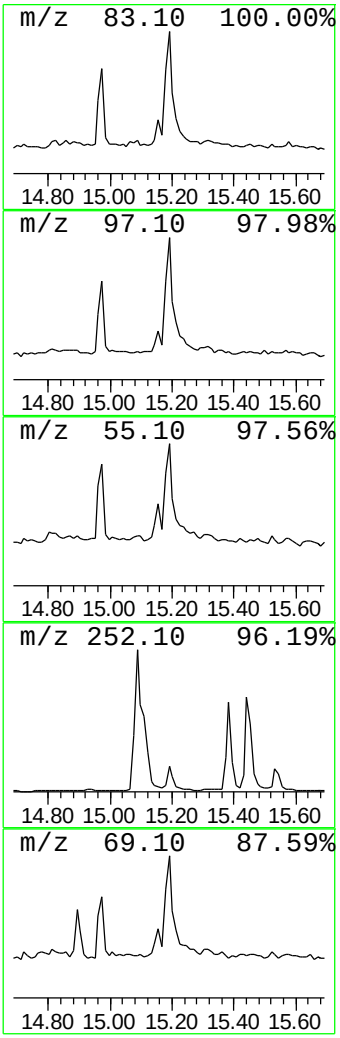
Peak Number 11 E-7-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	12.96 ng	361082	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	83
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	58
5	1-Heptadecanol	256	C17H36O	001454-85-9	53





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Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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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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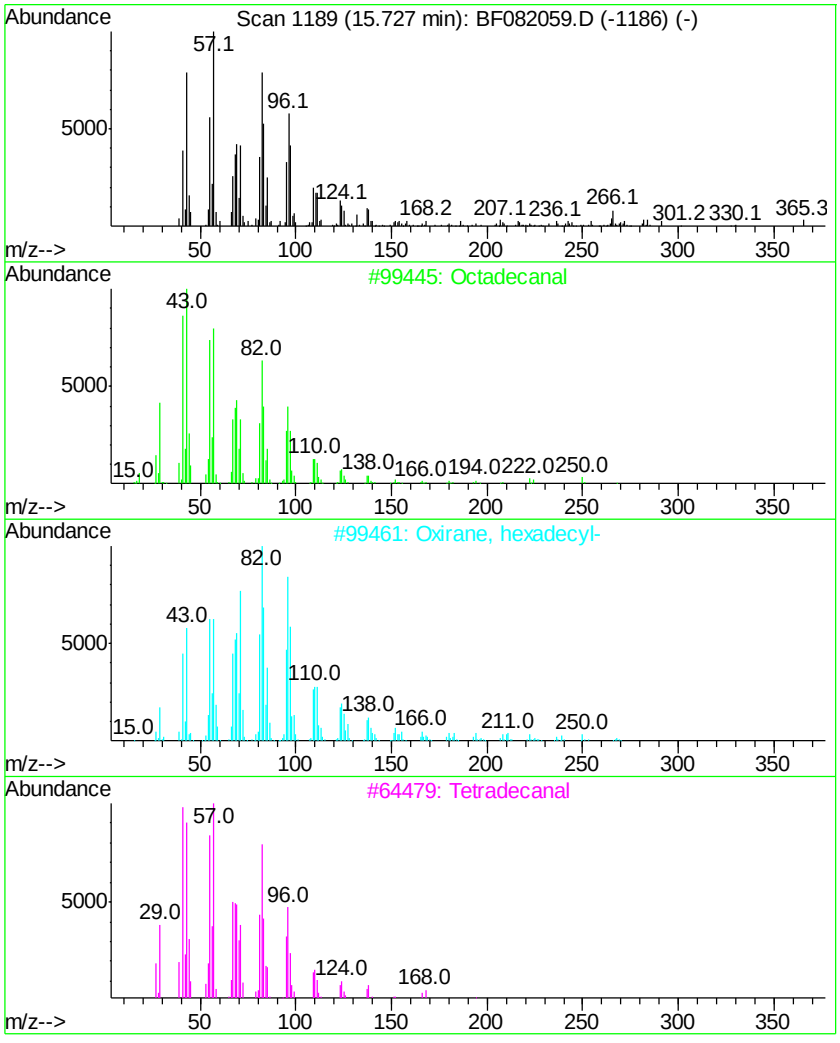
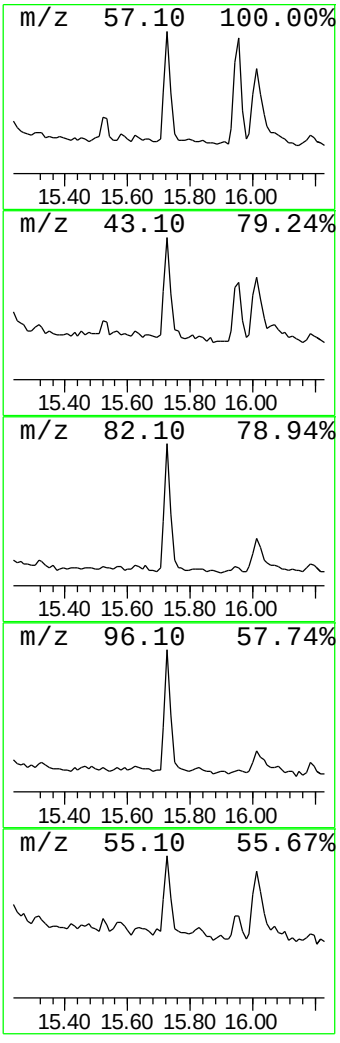
Peak Number 13 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.76 ng	216228	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Tetradecanal	212	C14H28O	000124-25-4	86
4	1,19-Eicosadiene	278	C20H38	014811-95-1	81
5	Oleyl Alcohol	268	C18H36O	000143-28-2	78





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Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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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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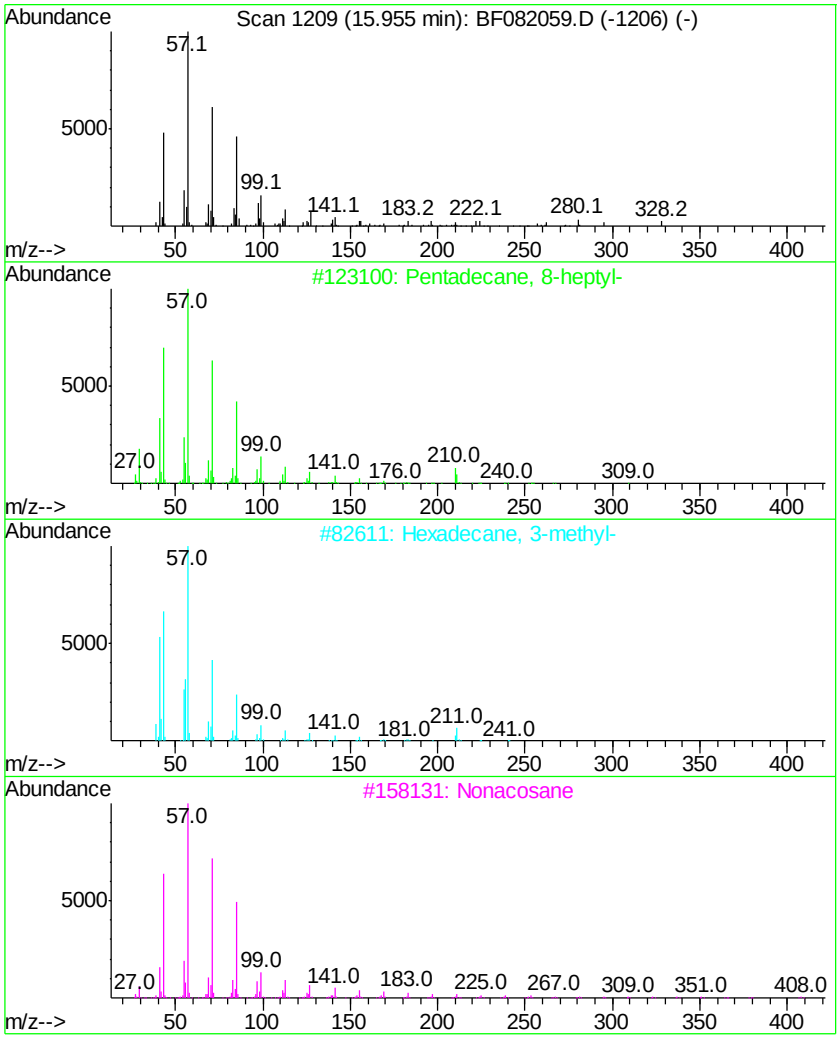
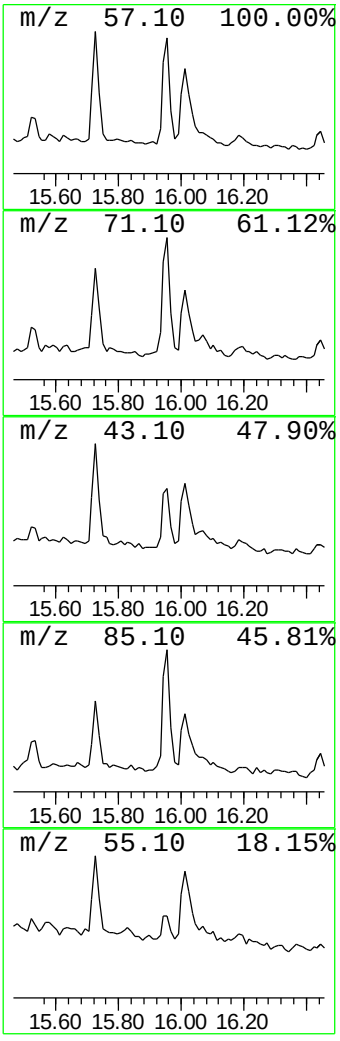
Peak Number 14 Pentadecane, 8-heptyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.06 ng	85267	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
3	Nonacosane	408	C29H60	000630-03-5	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Heneicosane	296	C21H44	000629-94-7	76





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Sample : G3891-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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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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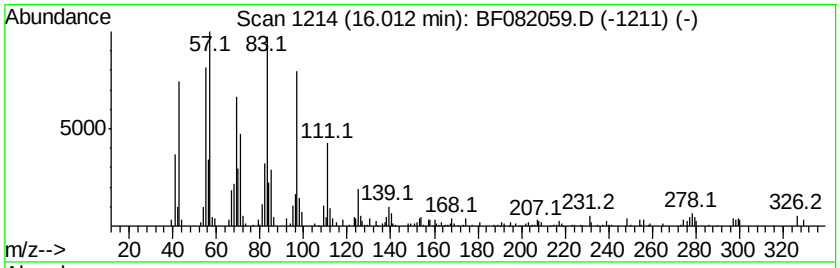
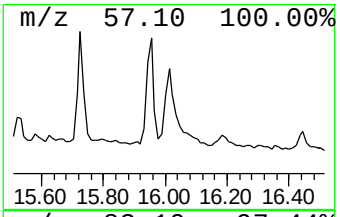
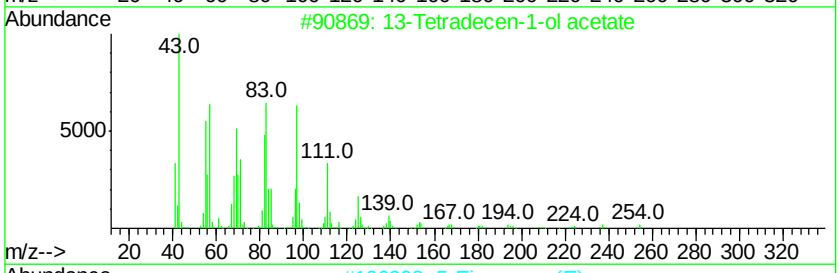
Peak Number 15 13-Tetradecen-1-ol acetate Concentration Rank 7

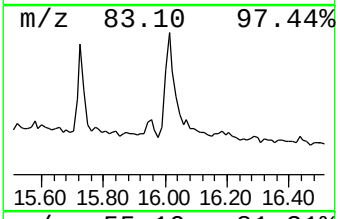
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	7.84 ng	218534	Perylene-d12	15.51

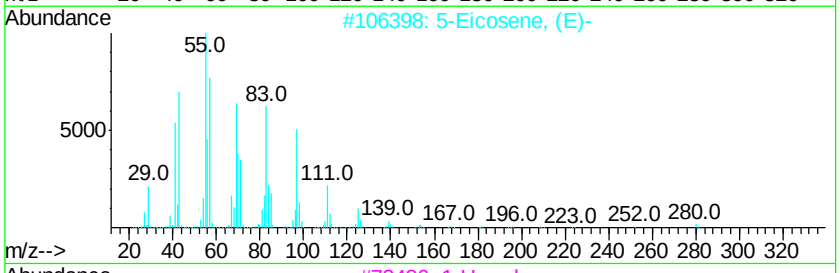
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	90
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
3	1-Hexadecene	224	C16H32	000629-73-2	83
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	60
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	55

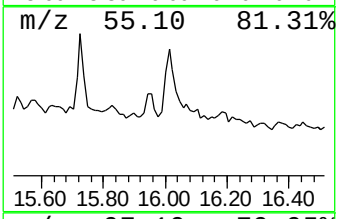


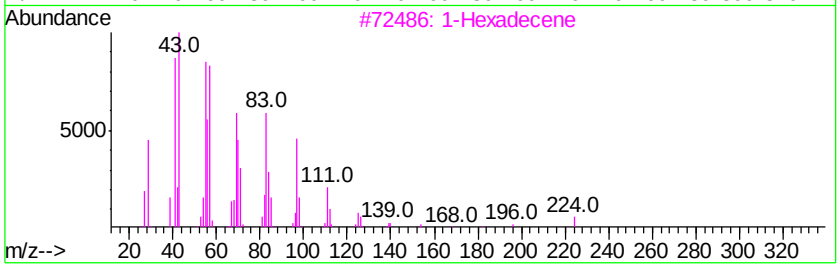


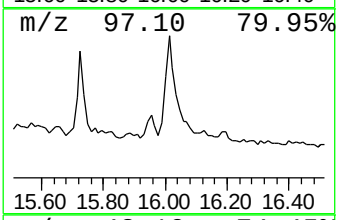


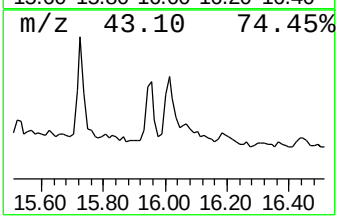












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Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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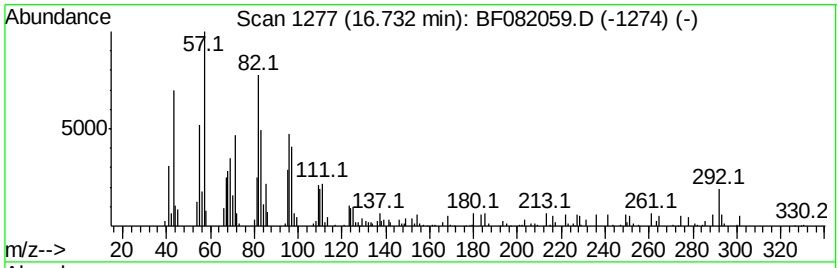
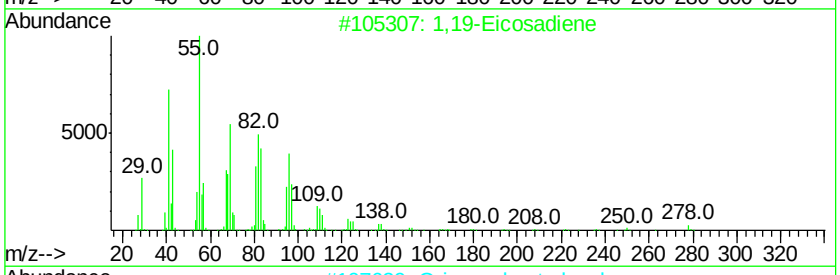
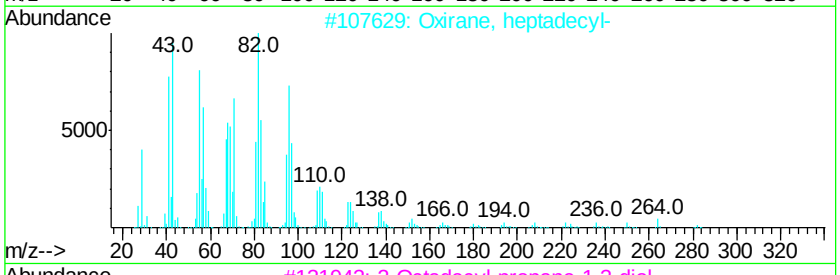
Peak Number 16 1,19-Eicosadiene Concentration Rank 13

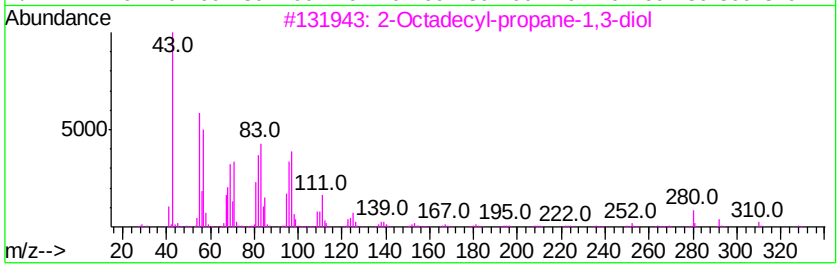
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	4.34 ng	120928	Perylene-d12	15.51

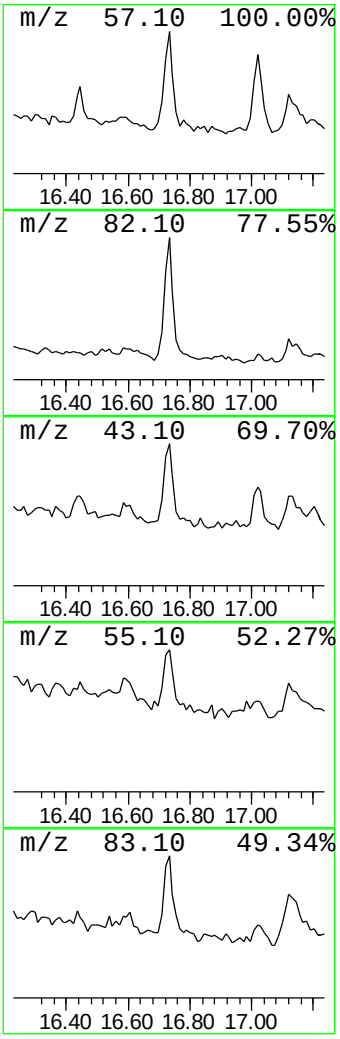
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	86
3	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	59
4	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	53
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	52











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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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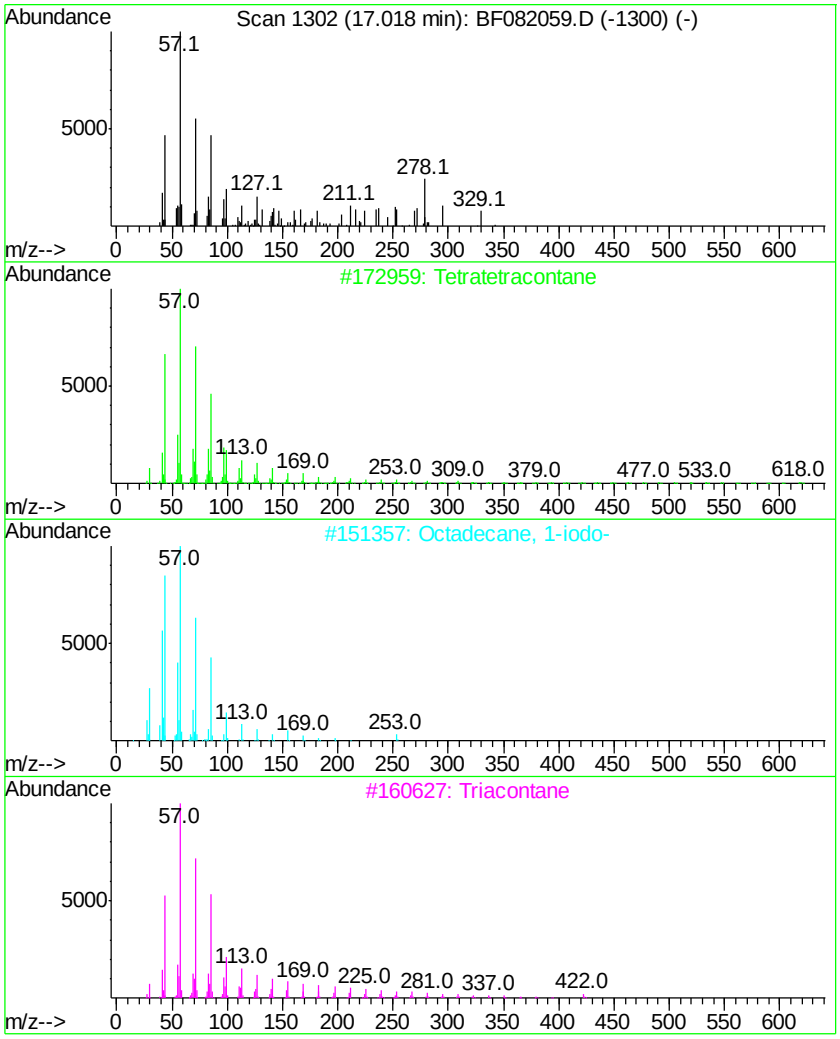
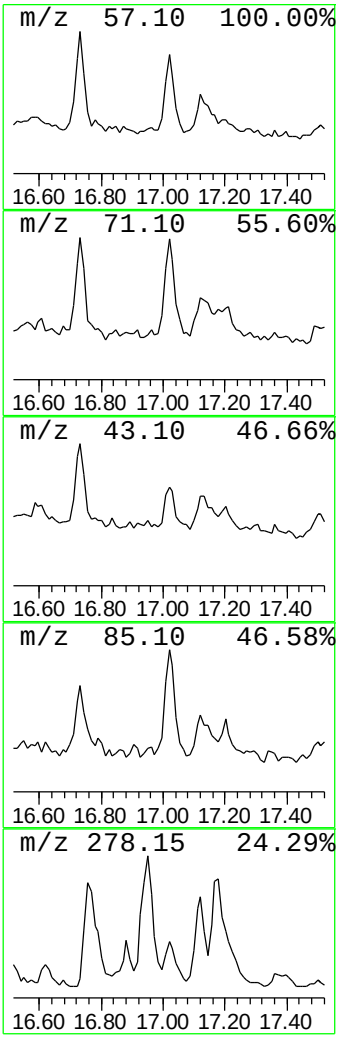
Peak Number 17 unknown17.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	2.30 ng	63988	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	49
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	47
3	Triacontane	422	C30H62	000638-68-6	47
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	47
5	Tetracontane	563	C40H82	004181-95-7	47





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Sample : G3891-02
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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : FD-1

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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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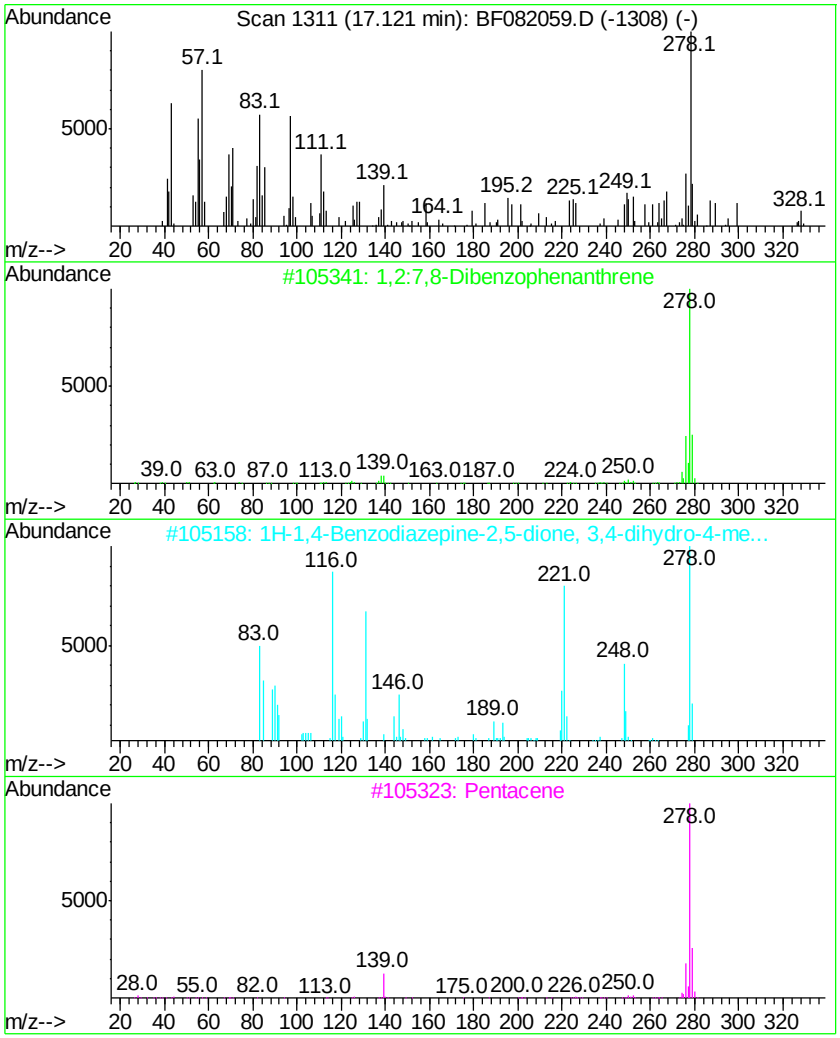
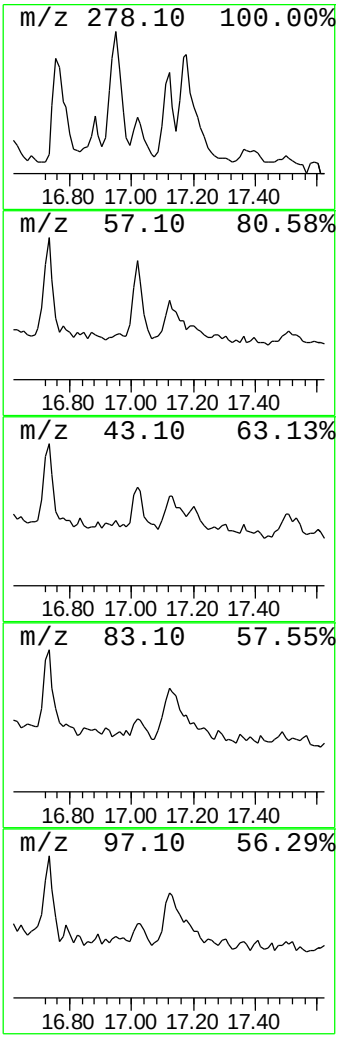
Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.61 ng	72822	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	64
2	1H-1,4-Benzodiazepine-2,5-dione,...	278	C17H14N2O2	031965-37-4	50
3	Pentacene	278	C22H14	000135-48-8	50
4	Benzo[b]chrysene	278	C22H14	000214-17-5	50
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	45





Library Search Compound Report

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Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

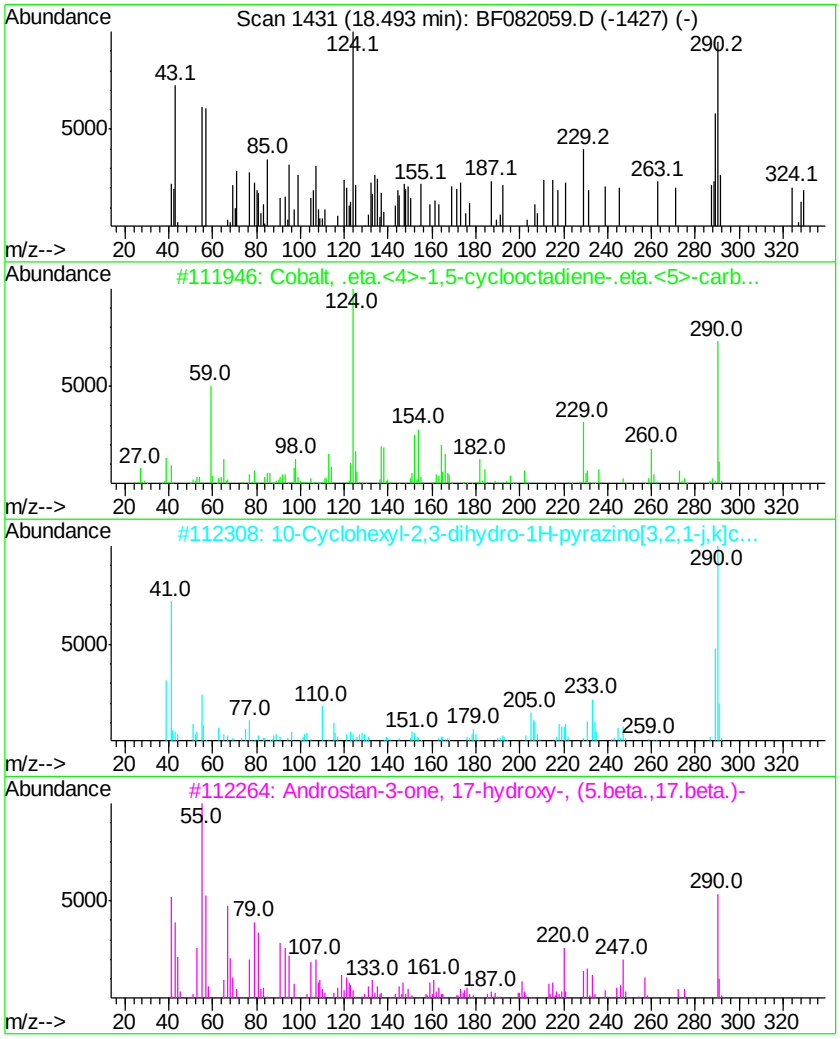
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

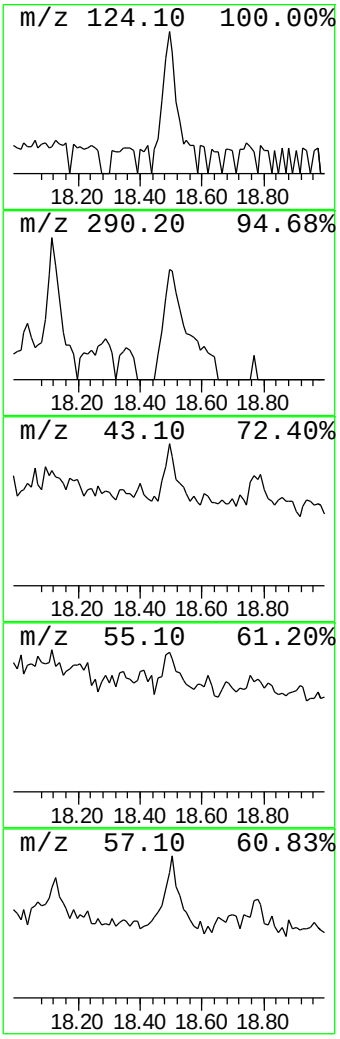
****

Peak Number 20 unknown18.49 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.56 ng	127022	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, .eta.<4>-1,5-cyclooctadi...	290	C15H19CoO2	092468-04-7	46
2	10-Cyclohexyl-2,3-dihydro-1H-pyr...	290	C20H22N2	157056-89-8	27
3	Androstan-3-one, 17-hydroxy-, (5...	290	C19H30O2	000571-22-2	18
4	1,1-Dimethyl-2,5-diphenyl-3-ethy...	290	C20H22Si	149456-77-9	18
5	2-Naphthol, 1-(2,4,6-trimethylph...	290	C19H18N2O	088423-71-6	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082059.D
Acq On : 5 Oct 2015 22:29
Operator : UM/IZ
Sample : G3891-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.07	44.3	ng	1273000	1	6.88	574652	20.0
unknown6.65	6.65	80.9	ng	2324060	1	6.88	574652	20.0
Tridecane	10.82	2.7	ng	134579	4	11.42	996784	20.0
n-Hexadecanoic acid	11.94	8.1	ng	404086	4	11.42	996784	20.0
Anthracene, 9-met...	12.02	4.0	ng	197404	4	11.42	996784	20.0
Trichloroacetic a...	13.90	5.0	ng	325449	5	14.06	1303330	20.0
unknown14.54	14.54	2.3	ng	146649	5	14.06	1303330	20.0
unknown14.97	14.97	9.1	ng	254279	6	15.51	557140	20.0
Nonadecane	15.16	4.9	ng	135700	6	15.51	557140	20.0
E-7-Octadecene	15.19	13.0	ng	361082	6	15.51	557140	20.0
Octadecanal	15.73	7.8	ng	216228	6	15.51	557140	20.0
Pentadecane, 8-he...	15.96	3.1	ng	85267	6	15.51	557140	20.0
13-Tetradecen-1-o...	16.01	7.8	ng	218534	6	15.51	557140	20.0
1,19-Eicosadiene	16.73	4.3	ng	120928	6	15.51	557140	20.0
unknown17.02	17.02	2.3	ng	63988	6	15.51	557140	20.0
1,2:7,8-Dibenzoph...	17.12	2.6	ng	72822	6	15.51	557140	20.0
unknown18.49	18.49	4.6	ng	127022	6	15.51	557140	20.0