LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

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-BF101015.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	4.263	181	186	190	rBV3	13259	39712	1.65%	0.114%
2	4.354	192	194	199	rVB2	33602	47700	1.98%	0.137%
3	4.914	238	243	253	rBV	799277	1255456	52.20%	3.611%
4	5.292	274	276	279	rBV	27742	37487	1.56%	0.108%
5	5.349	279	281	284	rBV	1572236	1784938	74.22%	5.134%
6	5.749	312	316	318	rBV3	31482	48423	2.01%	0.139%
7	5.977	333	336	339	rVB	27785	41062	1.71%	0.118%
8	6.400	371	373	376	rBV	1521089	1776175	73.86%	5.108%
9	6.526	381	384	386	rVV	1940329	2153743	89.56%	6.194%
10	6.572	386	388	391	rVB2	45254	67472	2.81%	0.194%
11	6.755	401	404	406	rBV	505748	575657	23.94%	1.656%
12	6.903	415	417	420	rBV	1574227	1586623	65.98%	4.563%
13	7.075	429	432	436	rVB2	17680	41621	1.73%	0.120%
14	7.326	452	454	456	rBV	1285633	1311870	54.55%	3.773%
15	7.452	462	465	468	rVB3	17361	35978	1.50%	0.103%
16	7.783	490	494	497	rBV2	17513	38889	1.62%	0.112%
17	7.852	497	500	504	rVV3	18608	31612	1.31%	0.091%
18	8.035	513	516	520	rBV	540723	923994	38.42%	2.658%
19	8.103	520	522	523	rVB	46087	42742	1.78%	0.123%
20	8.332	538	542	545	rBV4	25099	48026	2.00%	0.138%
21	8.458	551	553	555	rBV	72582	91373	3.80%	0.263%
22	8.629	566	568	571	rBV	70540	80160	3.33%	0.231%
23	8.755	578	579	582	rVB	119059	101281	4.21%	0.291%
24	8.858	585	588	589	rBV	69339	76432	3.18%	0.220%
25	9.063	604	606	608	rVB	60537	51819	2.15%	0.149%
26	9.120	608	611	614	rBV	2511135	2404881	100.00%	6.917%
27	9.201	615	618	619	rVV	112692	109335	4.55%	0.314%
28	9.223	619	620	626	rVB4	34765	64381	2.68%	0.185%
29	9.383	632	634	636	rVB	58317	73715	3.07%	0.212%
30	9.452	639	640	642	rBV	99852	131865	5.48%	0.379%
31	9.521	644	646	648	rVV	650398	530456	22.06%	1.526%
32	9.578	648	651	656	rVB2	44449	58657	2.44%	0.169%
33	9.658	656	658	660	rBV	62847	53052	2.21%	0.153%
34	9.726	663	664	666	rVB	134755	108597	4.52%	0.312%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.795	666	670	672	rBV	968988	1016262	42.26%	2.923%
36	9.829	672	673	675	rVB2	66667	62645	2.60%	0.180%
37	9.898	678	679	682	rVB	38435	51891	2.16%	0.149%
38	9.955	682	684	685	rBV2	31138	52331	2.18%	0.151%
39	10.001	685	688	690	rVB	102141	107656	4.48%	0.310%
40	10.046	690	692	696	rVB4	50898	82903	3.45%	0.238%
41	10.115	696	698	699	rBV	76031	76755	3.19%	0.221%
42	10.138	699	700	704	rVB2	30543	51377	2.14%	0.148%
43	10.206	704	706	707	rBV2	62932	112187	4.66%	0.323%
44	10.229	707	708	709	rVB	168313	115463	4.80%	0.332%
45	10.343	716	718	721	rBV3	57514	98824	4.11%	0.284%
46	10.446	725	727	730	rVB2	58246	83002	3.45%	0.239%
47	10.504	730	732	734	rBV2	56632	64945	2.70%	0.187%
48	10.595	737	740	742	rBV	1121755	1384114	57.55%	3.981%
49	10.709	748	750	754	rVB	205439	332302	13.82%	0.956%
50	10.892	763	766	768	rBV3	54932	103879	4.32%	0.299%
51	11.041	775	779	782	rBV3	64917	155268	6.46%	0.447%
52	11.098	782	784	785	rBV	75029	95881	3.99%	0.276%
53	11.144	785	788	790	rBV2	112756	188628	7.84%	0.543%
54	11.281	798	800	801	rBV	767429	856642	35.62%	2.464%
55	11.361	806	807	808	rVV	114026	89331	3.71%	0.257%
56	11.395	808	810	811	rVB	38256	40108	1.67%	0.115%
57	11.532	819	822	824	rBV3	68273	167925	6.98%	0.483%
58	11.578	824	826	827	rVV	185818	180293	7.50%	0.519%
59	11.624	827	830	833	rVB4	49463	107032	4.45%	0.308%
60	11.784	843	844	845	rBV	162795	172311	7.17%	0.496%
61	11.818	845	847	849	rVV	392467	403101	16.76%	1.159%
62	11.898	849	854	858	rVB	275824	544358	22.64%	1.566%
63	11.989	860	862	863	rBV	103223	149462	6.21%	0.430%
64	12.081	868	870	872	rVV2	122768	180478	7.50%	0.519%
65	12.115	872	873	875	rVB	91095	84811	3.53%	0.244%
66	12.229	881	883	885	rBV2	72036	75409	3.14%	0.217%
67	12.264	885	886	890	rVB	113536	155405	6.46%	0.447%
68	12.332	890	892	894	rBV	201655	270276	11.24%	0.777%
69	12.378	894	896	899	rVV	134763	221624	9.22%	0.637%
70	12.424	899	900	903	rVB2	109112	108563	4.51%	0.312%
71	12.504	904	907	909	rBV	800068	837127	34.81%	2.408%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.549	909	911	914	rBV2	53383	71704	2.98%	0.206%
73	12.607	914	916	917	rBV2	53682	76770	3.19%	0.221%
74	12.732	924	927	930	rBV	706918	995398	41.39%	2.863%
75	12.789	930	932	934	rVB	90266	109770	4.56%	0.316%
76	12.881	937	940	942	rVV	1898971	2291855	95.30%	6.592%
77	12.949	943	946	950	rBV3	105906	228218	9.49%	0.656%
78	13.052	952	955	957	rVB3	128600	278145	11.57%	0.800%
79	13.098	957	959	962	rBV3	72200	176150	7.32%	0.507%
80	13.167	963	965	968	rVB3	93298	140112	5.83%	0.403%
81	13.452	988	990	992	rBV2	76495	135914	5.65%	0.391%
82	13.578	999	1001	1005	rVB	108199	165161	6.87%	0.475%
83	13.681	1008	1010	1011	rBV	80847	89561	3.72%	0.258%
84	13.784	1018	1019	1024	rVB3	114396	271250	11.28%	0.780%
85	13.944	1029	1033	1039	rVV2	721377	1603460	66.68%	4.612%
86	14.470	1077	1079	1082	rVB2	79776	112506	4.68%	0.324%
87	14.995	1123	1125	1130	rVB	307281	531792	22.11%	1.529%
88	15.281	1148	1150	1153	rVV	174752	227677	9.47%	0.655%
89	15.338	1153	1155	1158	rVV	214236	304722	12.67%	0.876%
90	15.407	1158	1161	1168	rVB	424399	808573	33.62%	2.326%
91	16.024	1213	1215	1225	rVB	85523	236215	9.82%	0.679%
92	16.436	1248	1251	1255	rVB	68464	122089	5.08%	0.351%
93	16.778	1278	1281	1290	rVB	101588	278526	11.58%	0.801%
94	16.961	1294	1297	1299	rBV2	45691	103357	4.30%	0.297%
95	17.201	1315	1318	1326	rVB	88829	227853	9.47%	0.655%
96	17.441	1336	1339	1341	rBV	28387	80219	3.34%	0.231%
97	17.796	1367	1370	1376	rVB6	40663	143333	5.96%	0.412%
98	19.190	1488	1492	1498	rVB6	39775	124139	5.16%	0.357%
99	19.316	1500	1503	1512	rVB3	19443	82956	3.45%	0.239%
100	19.499	1515	1519	1522	rBV3	16206	45845	1.91%	0.132%

Sum of corrected areas: 34769023

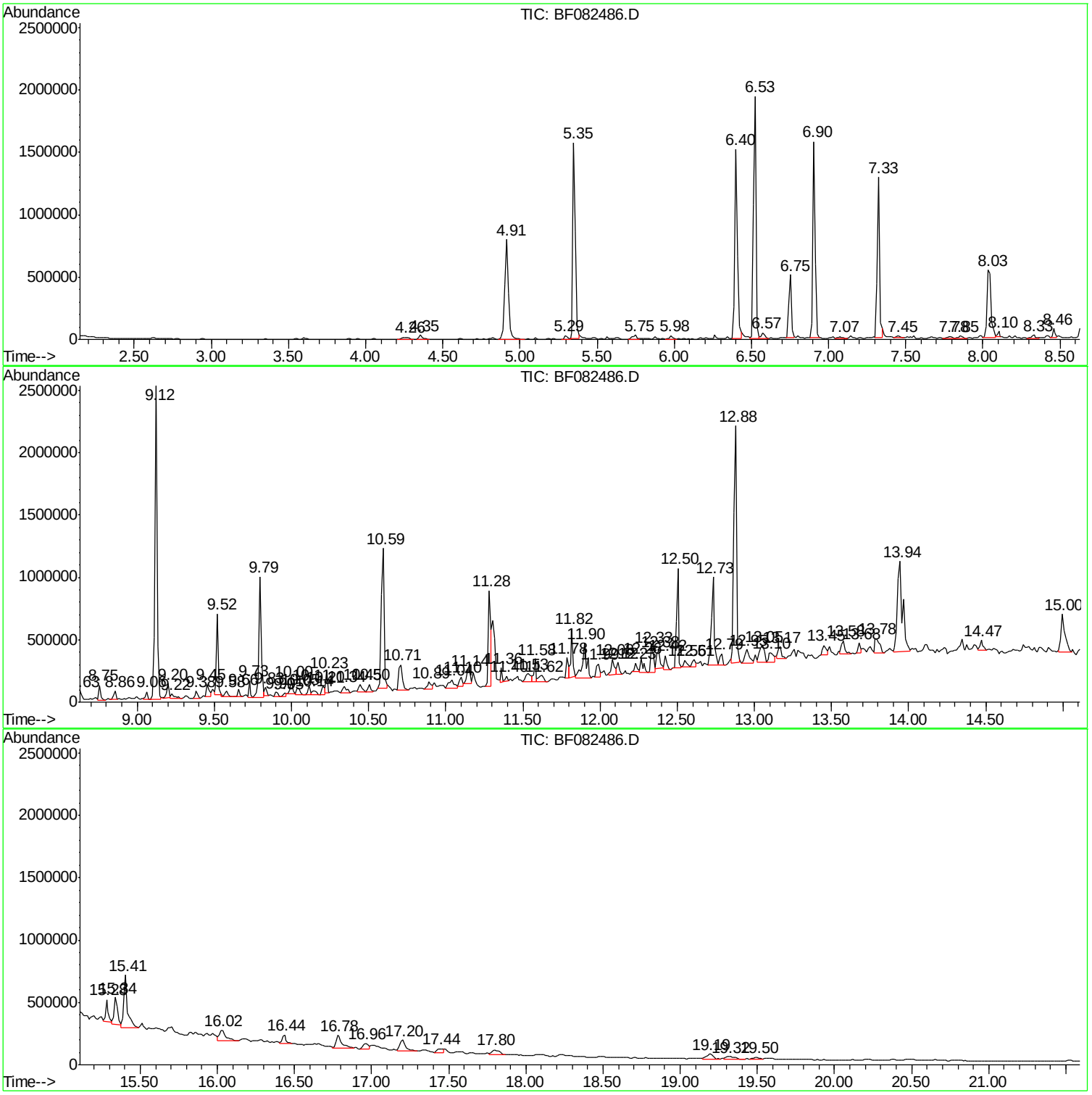
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

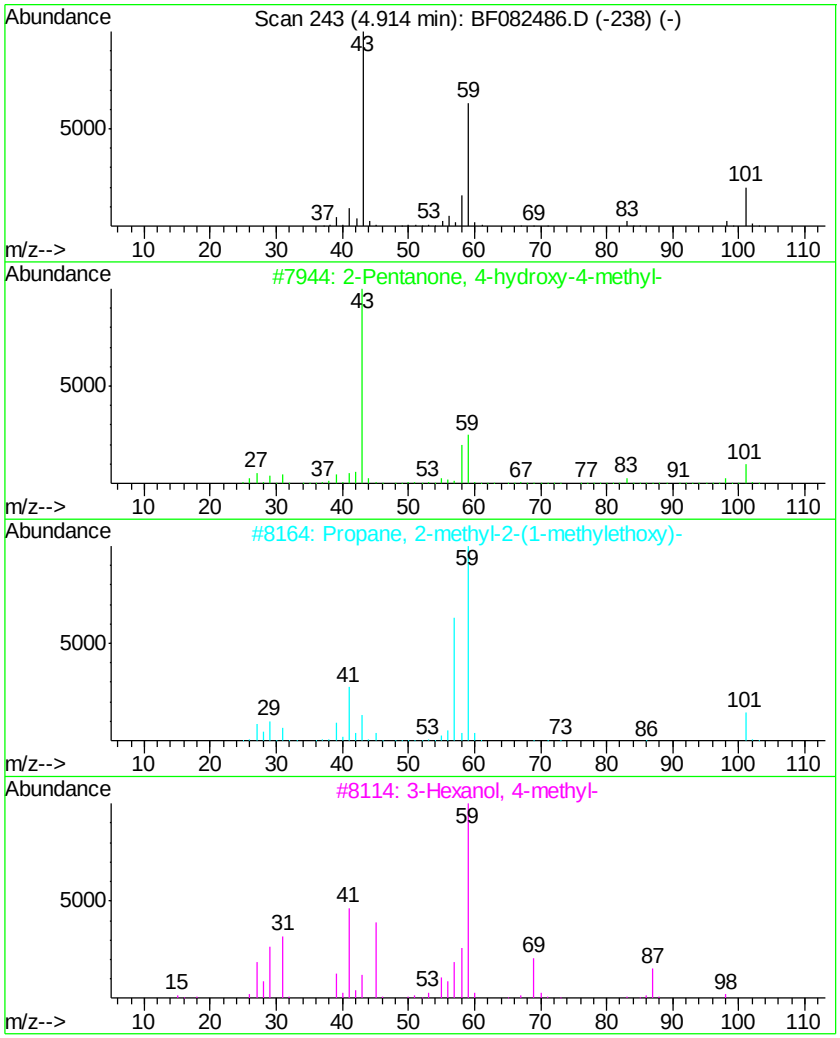
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

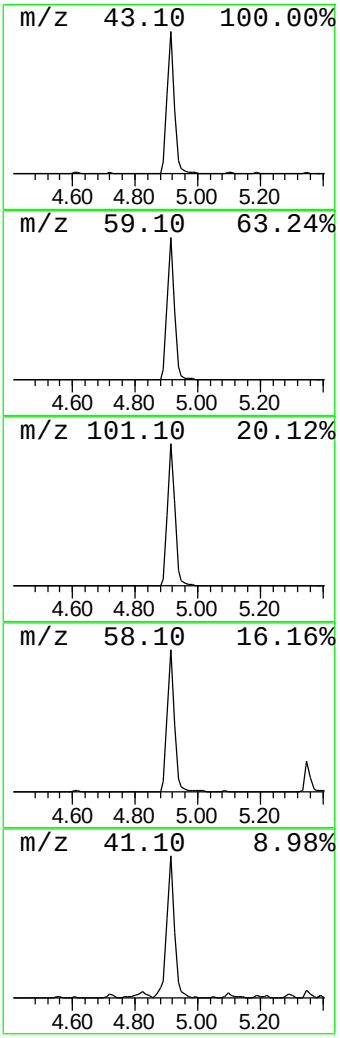
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	43.62 ng	1255460	1,4-Dichlorobenzene-d4	6.75

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

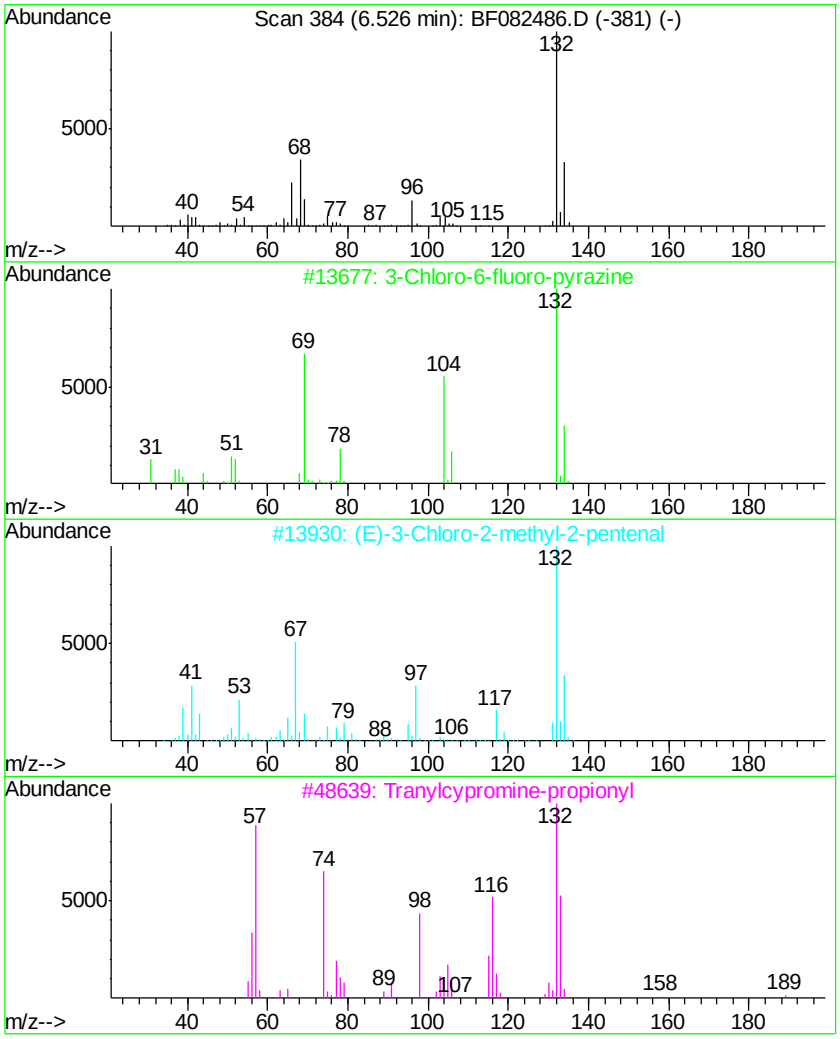
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

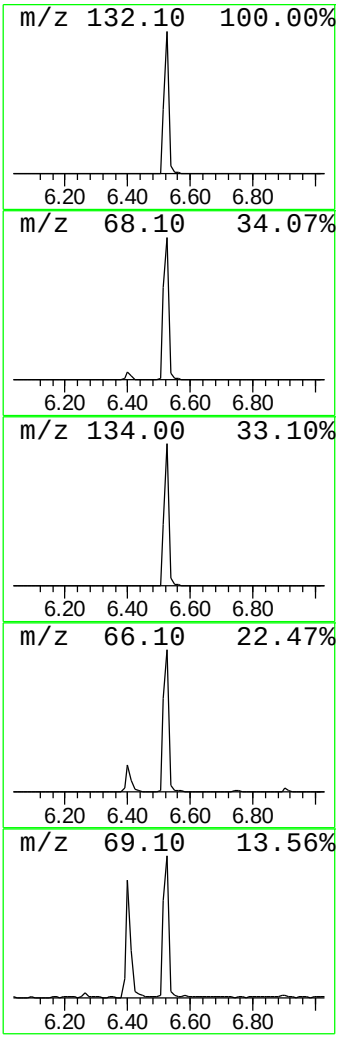
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	74.83 ng	2153740	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

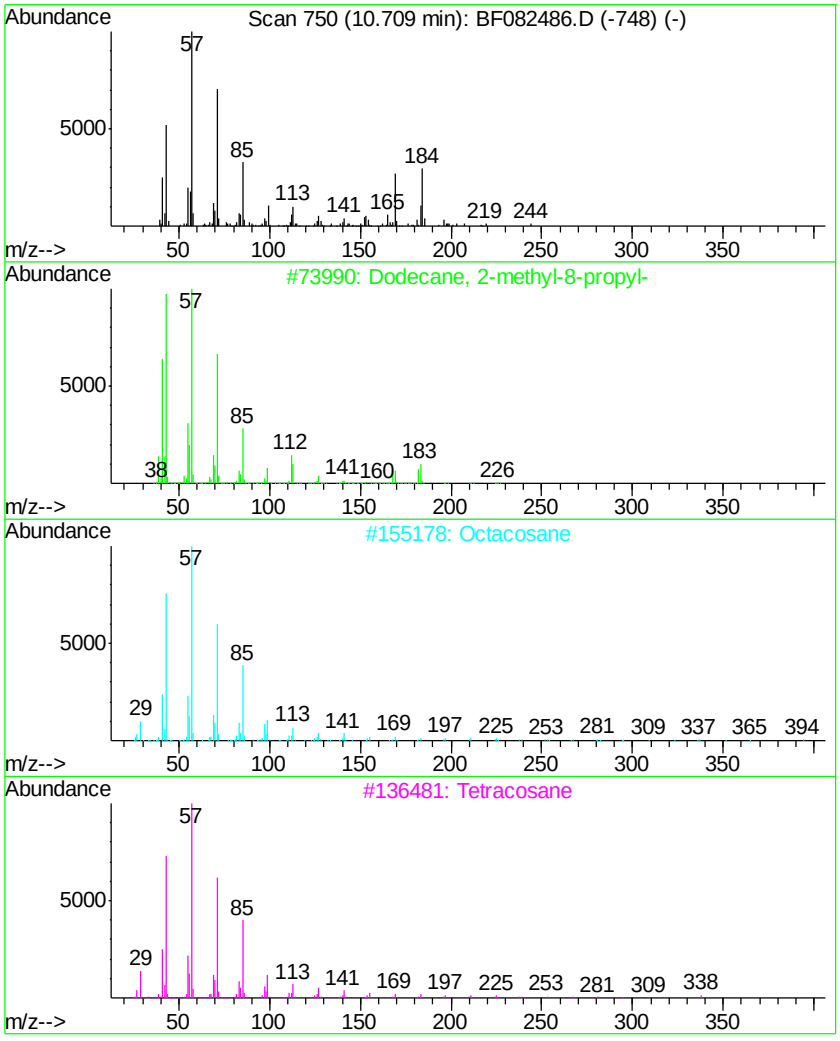
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

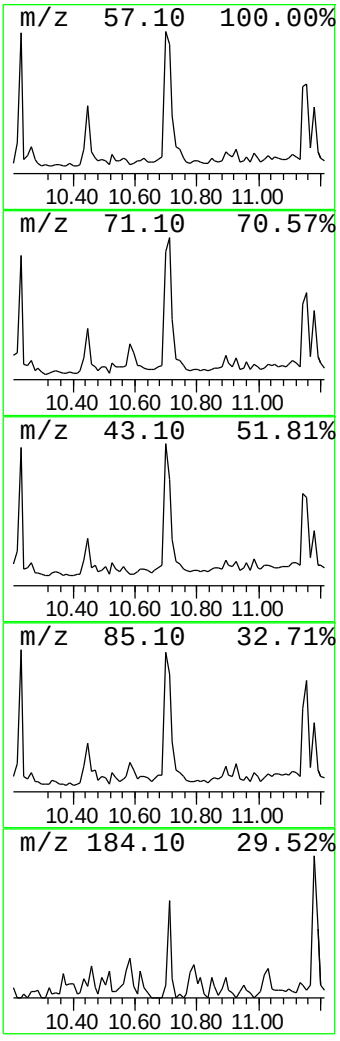
****

Peak Number 4 Dodecane, 2-methyl-8-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	7.76 ng	332302	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64
2	Octacosane	394	C28H58	000630-02-4	58
3	Tetracosane	338	C24H50	000646-31-1	58
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	52
5	Eicosane	282	C20H42	000112-95-8	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

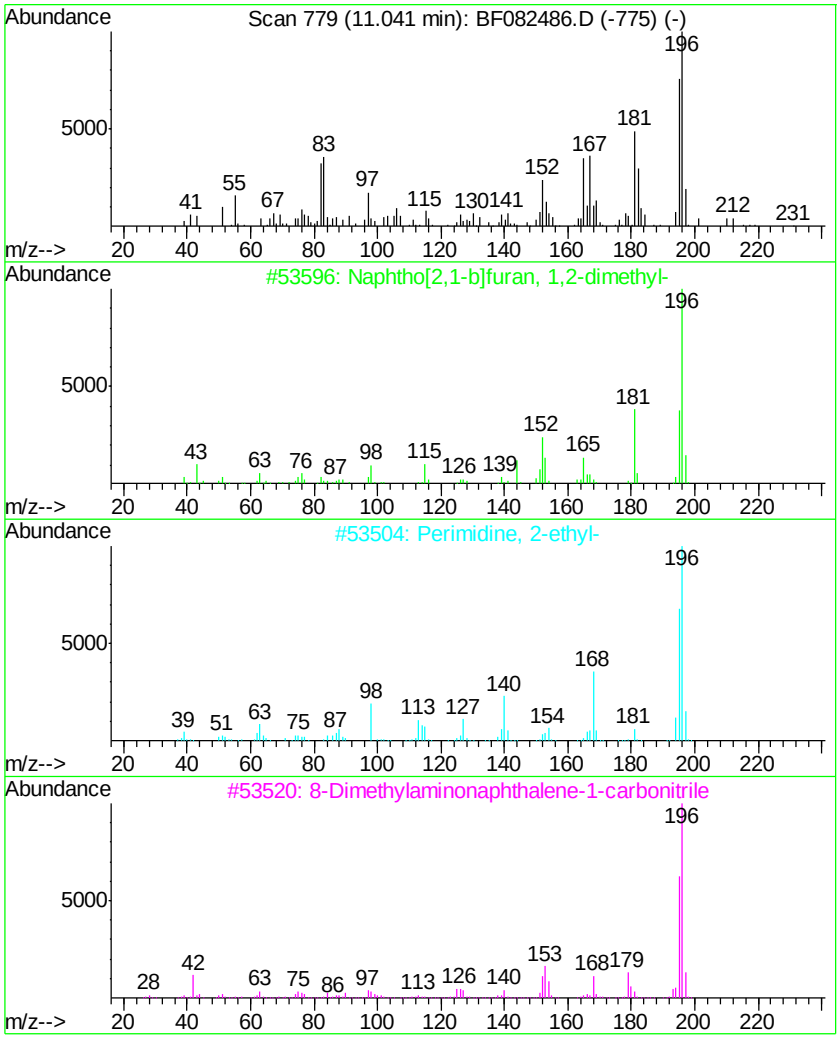
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

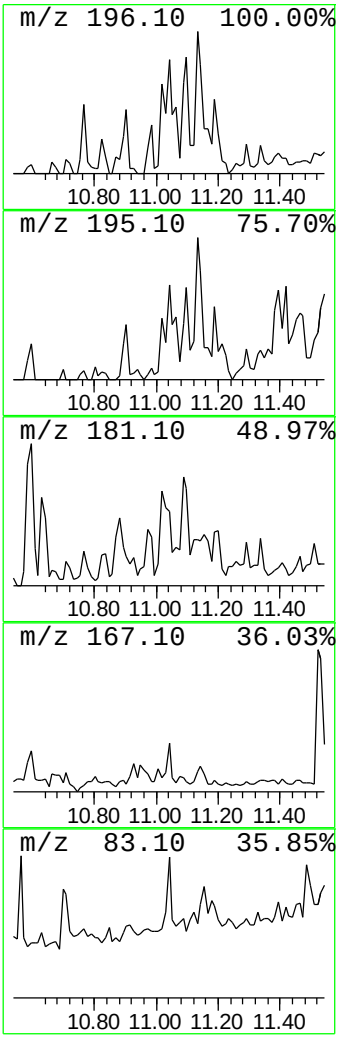
****

Peak Number 5 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	3.63 ng	155268	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	60
2	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	47
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	47
4	Cyclohexene, 1-(trimethylsilylox...	196	C11H20OSi	078828-42-9	46
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

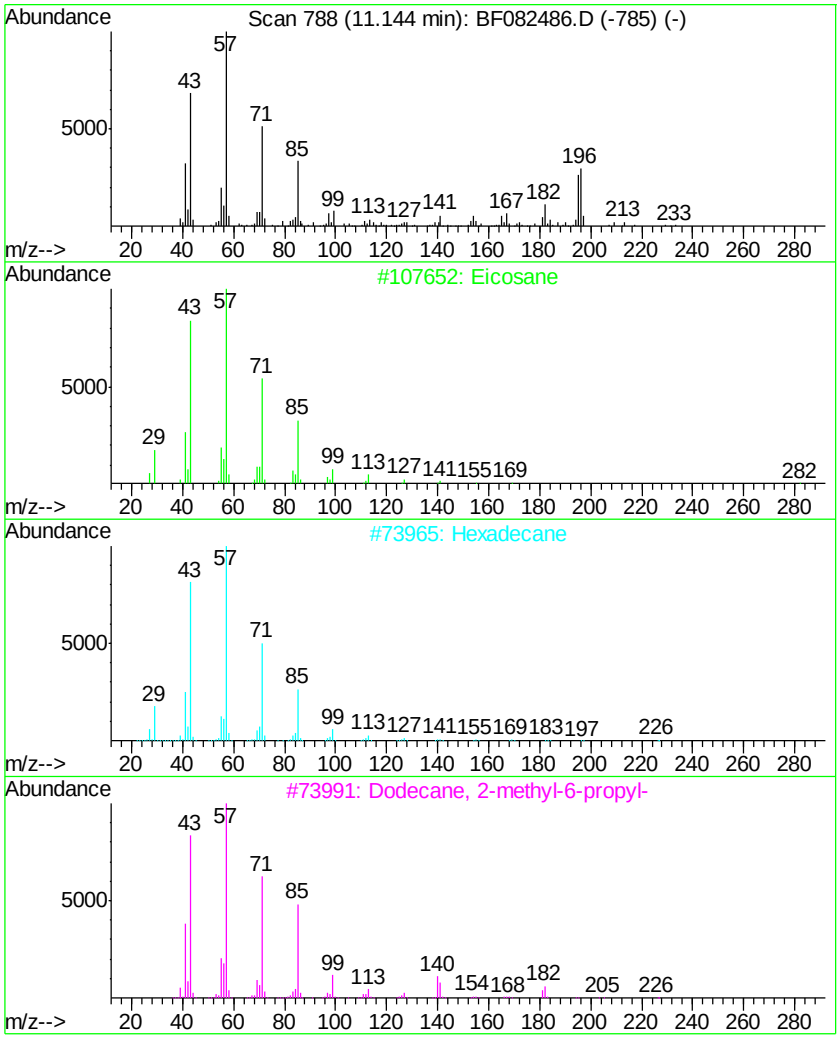
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

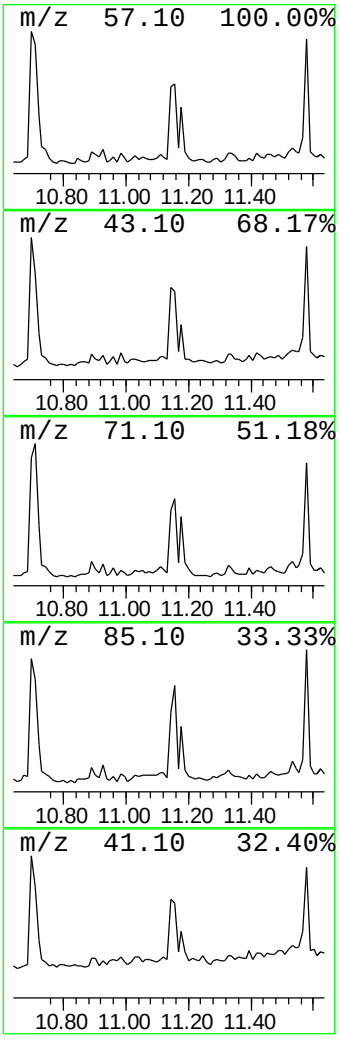
****

Peak Number 6 unknown11.14 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	4.40 ng	188628	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	49
2	Hexadecane	226	C16H34	000544-76-3	46
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46
4	Heptacosane	380	C27H56	000593-49-7	46
5	Tridecane	184	C13H28	000629-50-5	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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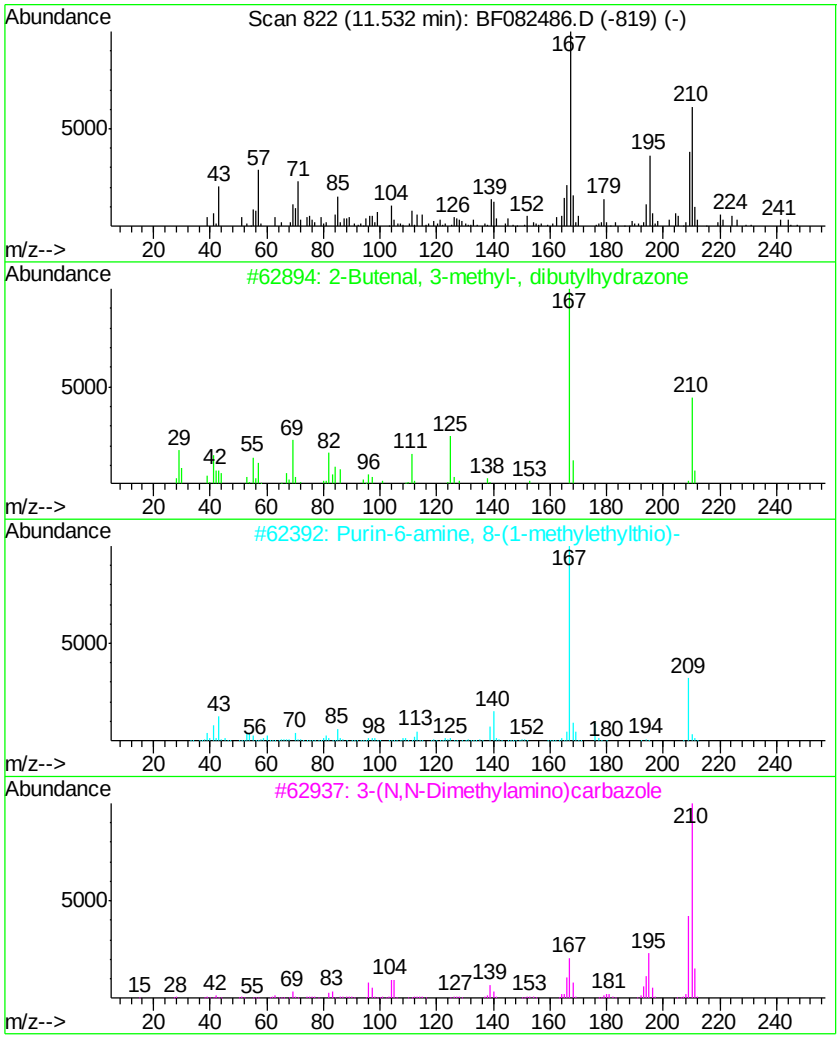
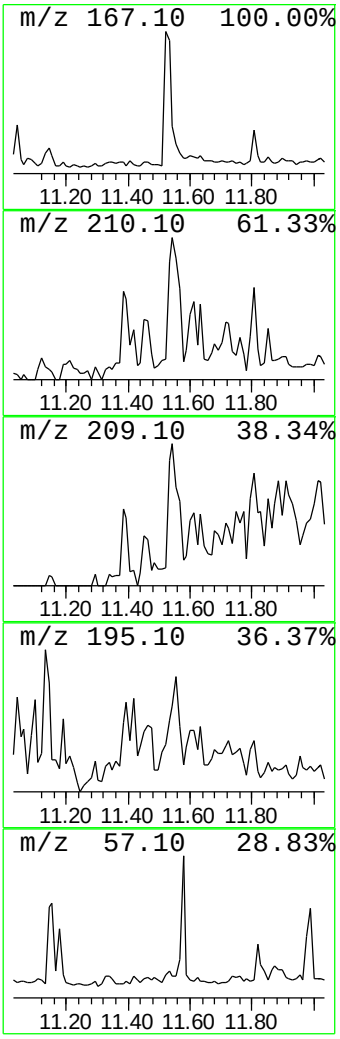
Peak Number 7 unknown11.53 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.92 ng	167925	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-, dibutylhyd...	210	C13H26N2	075268-13-2	46
2	Purin-6-amine, 8-(1-methylethylt...	209	C8H11N5S	330982-99-5	46
3	3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	45
4	1-Butanone, 1-(2,4,6-trihydroxy-...	210	C11H14O4	001509-06-4	43
5	2-(1-Methylethyl)perimidine	210	C14H14N2	028478-14-0	42





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Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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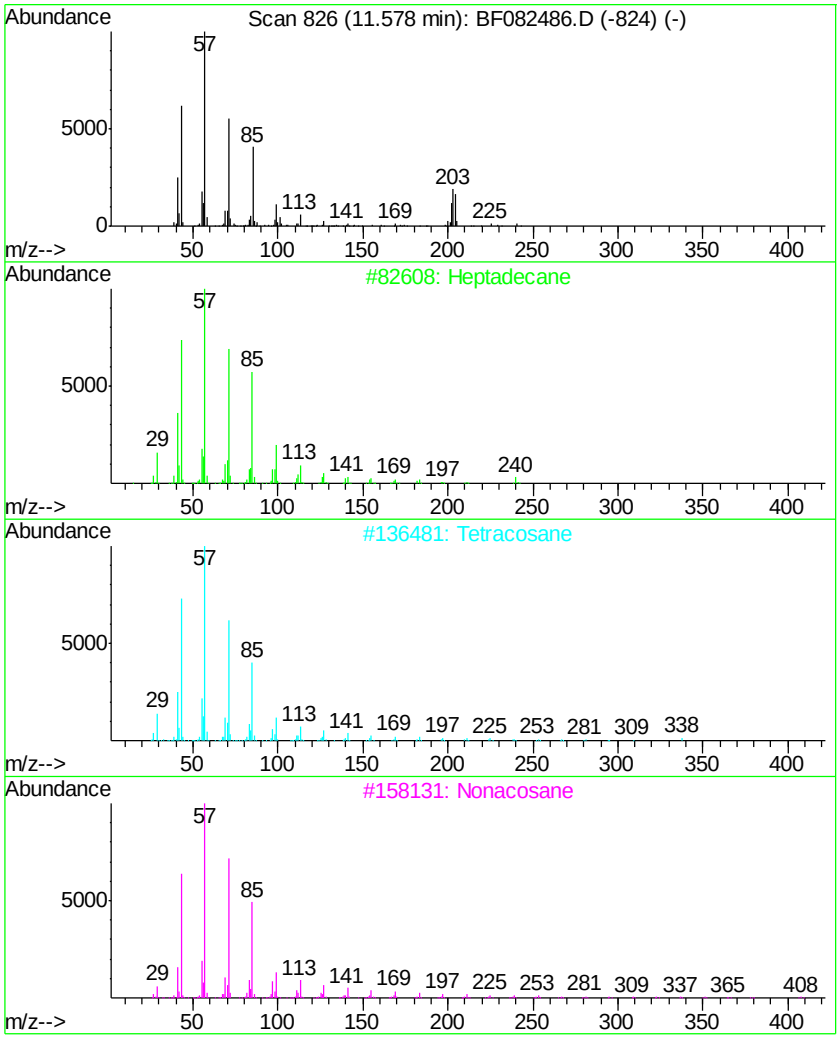
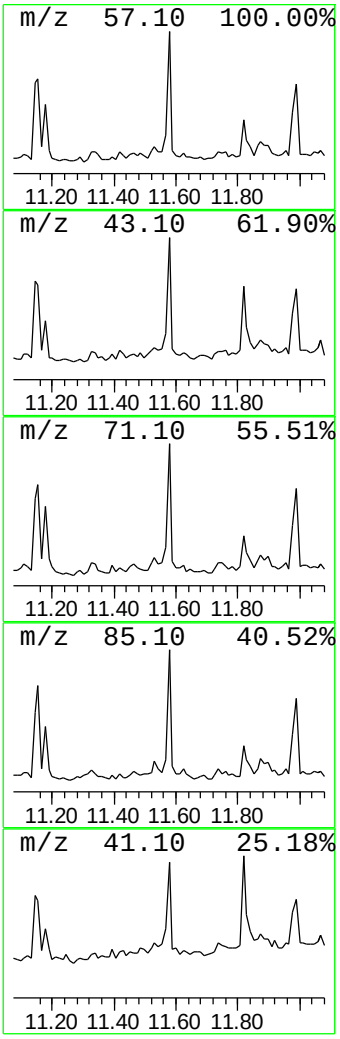
Peak Number 8 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	4.21 ng	180293	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Tetracosane	338	C24H50	000646-31-1	64
3	Nonacosane	408	C29H60	000630-03-5	59
4	Octacosane	394	C28H58	000630-02-4	59
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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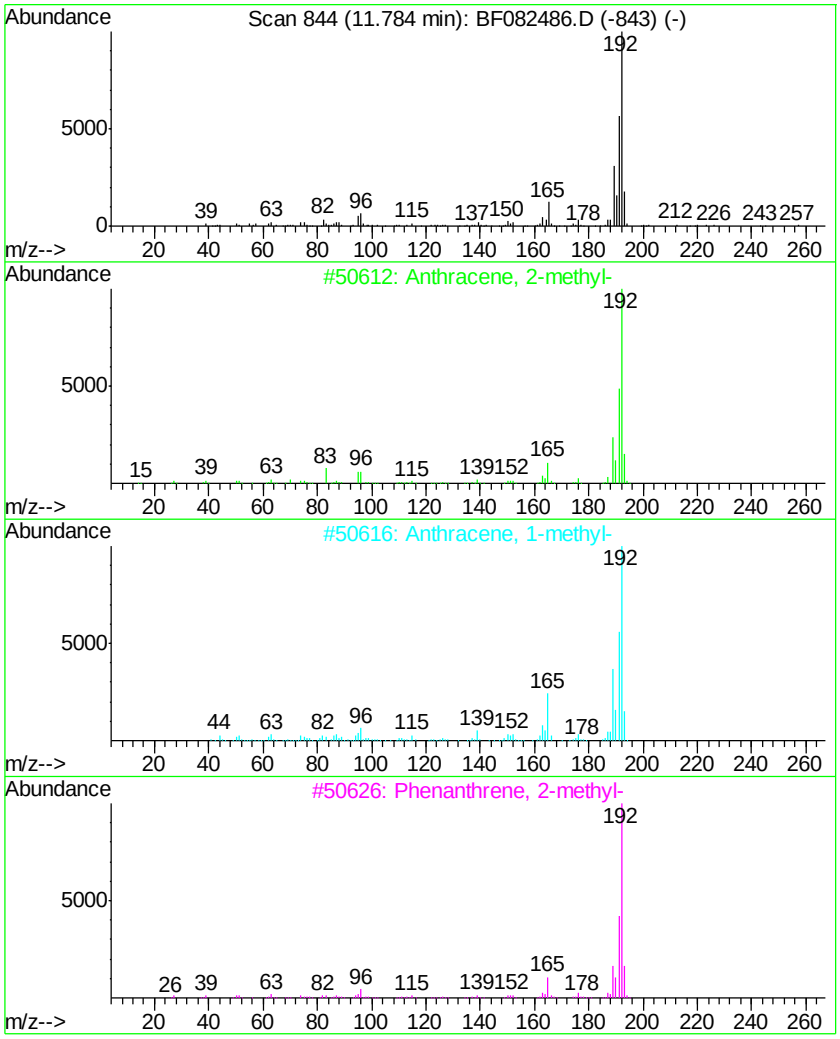
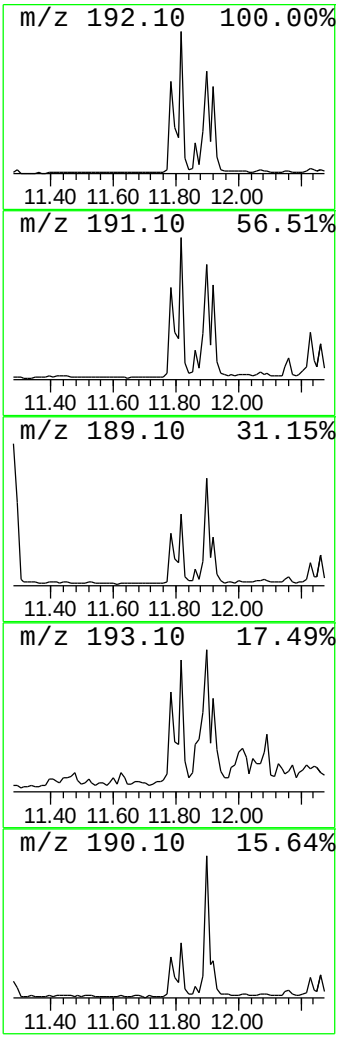
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.02 ng	172311	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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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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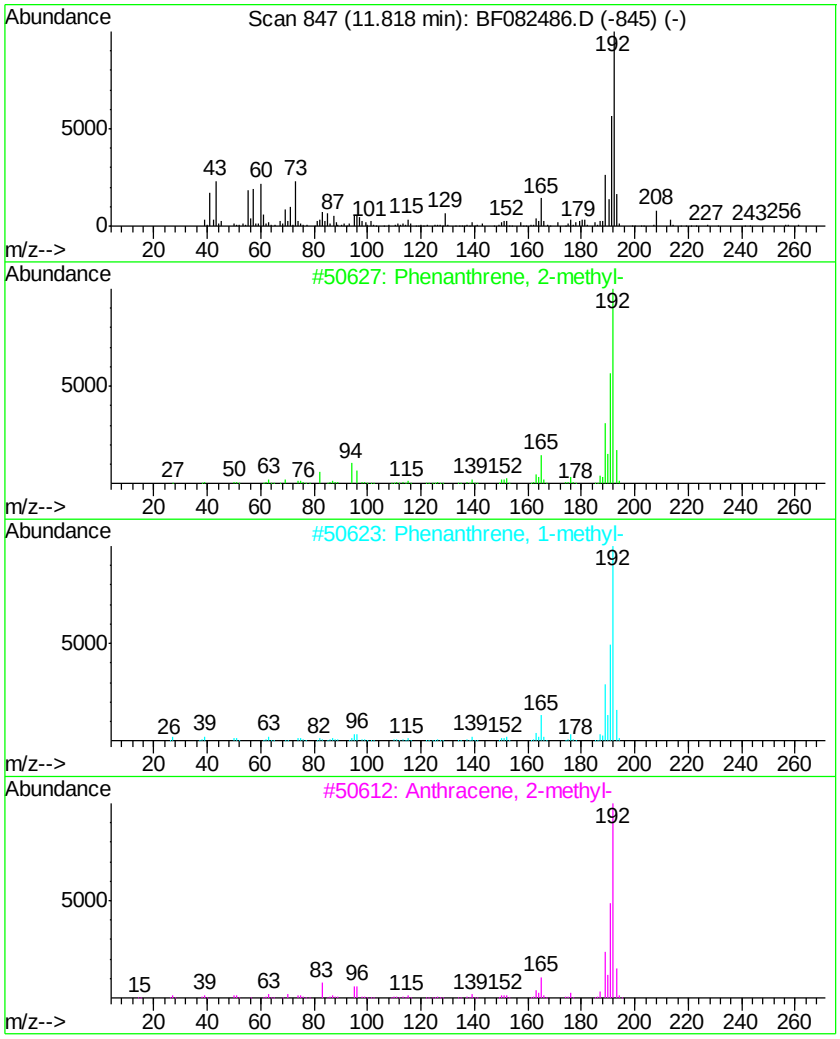
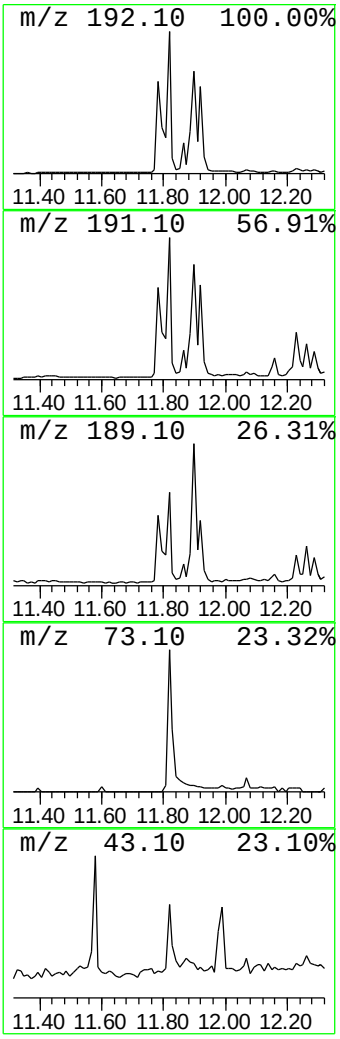
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	9.41 ng	403101	Phenanthrene-d10	11.28

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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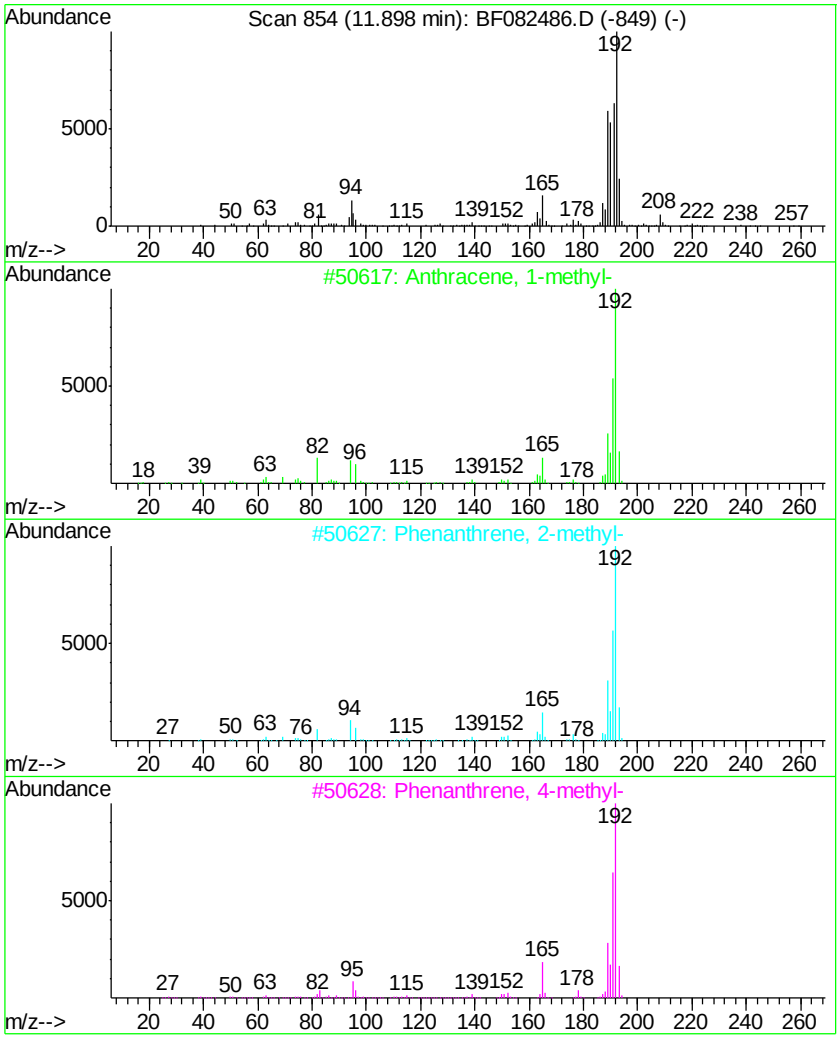
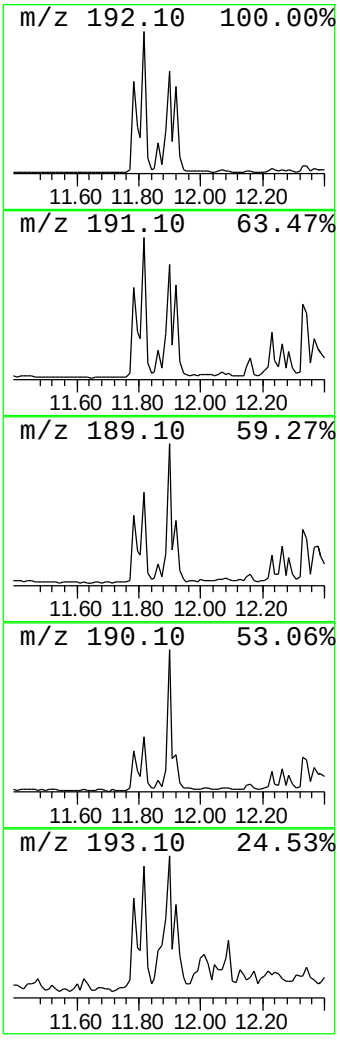
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	12.71 ng	544358	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58





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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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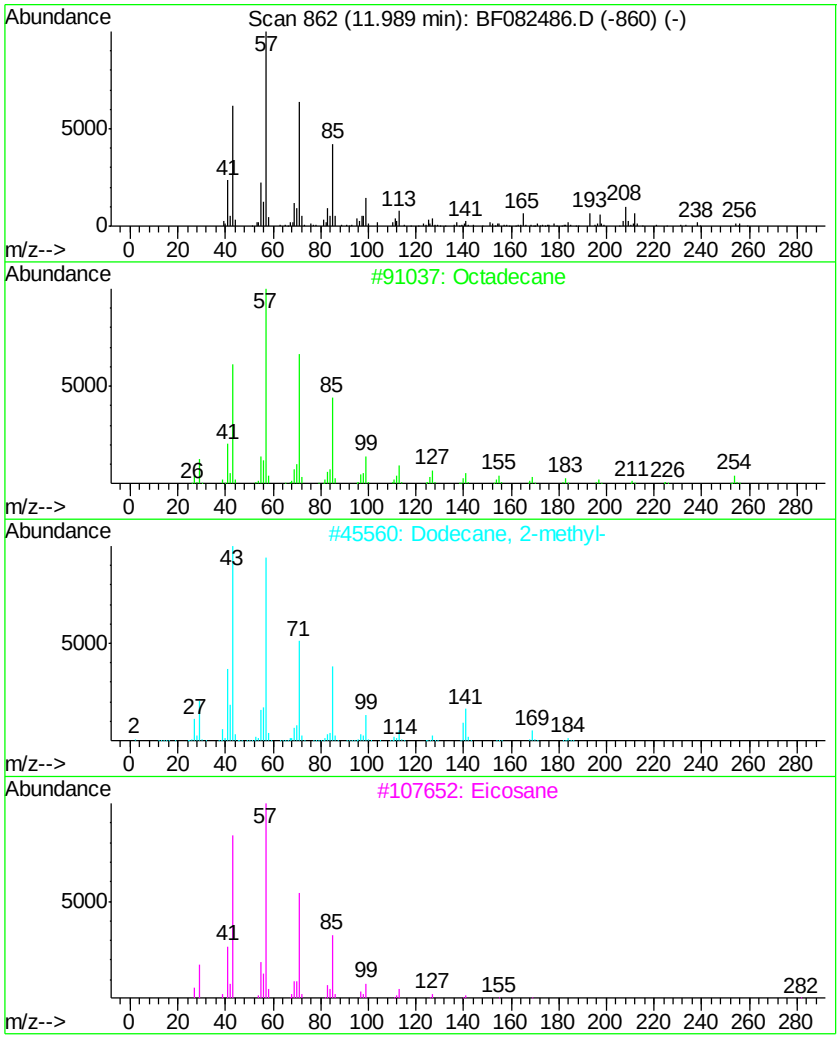
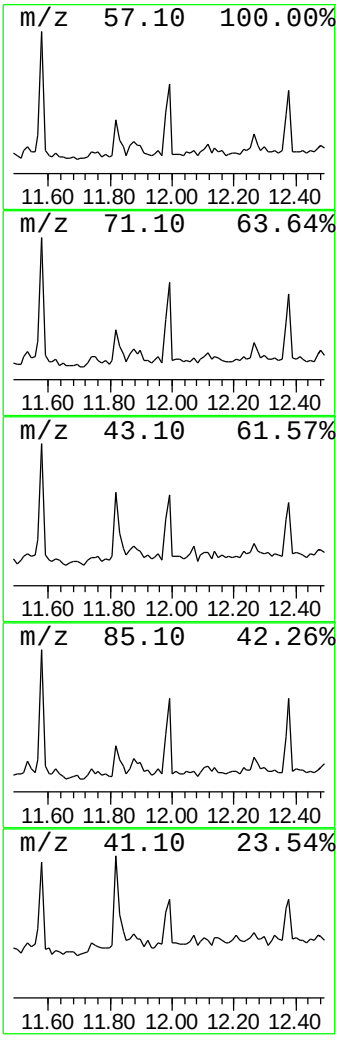
Peak Number 12 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.49 ng	149462	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
3	Eicosane	282	C20H42	000112-95-8	74
4	Pentadecane	212	C15H32	000629-62-9	74
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74





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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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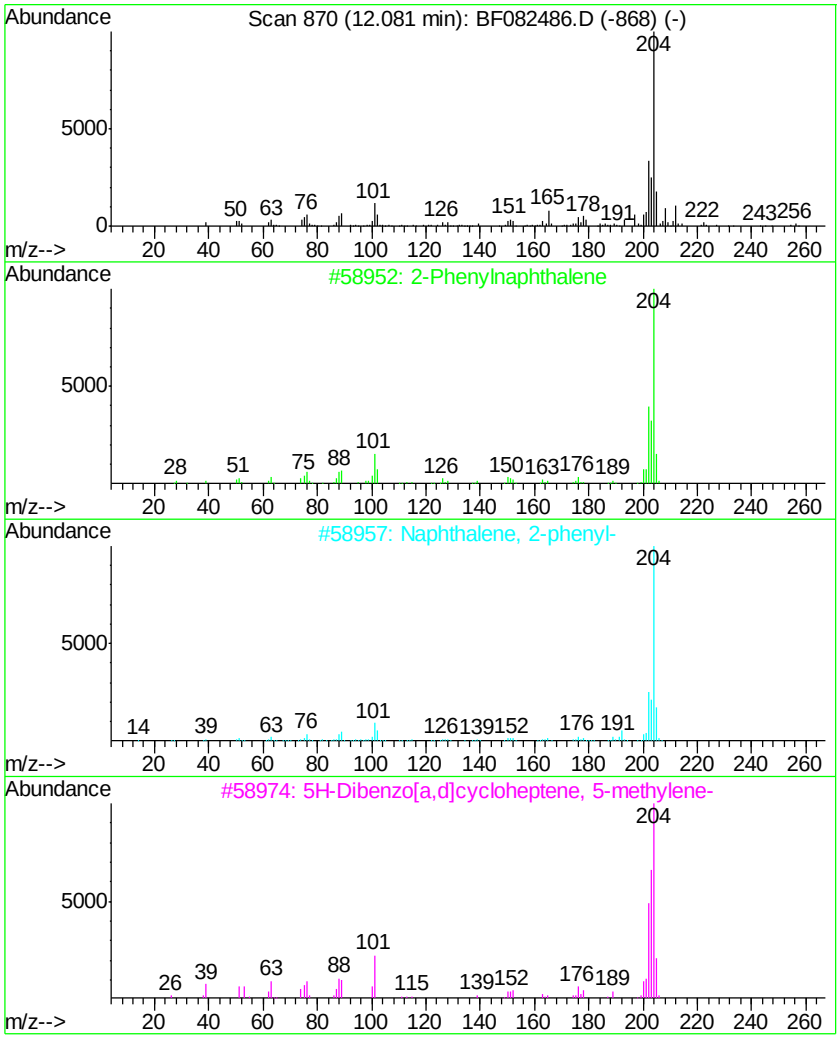
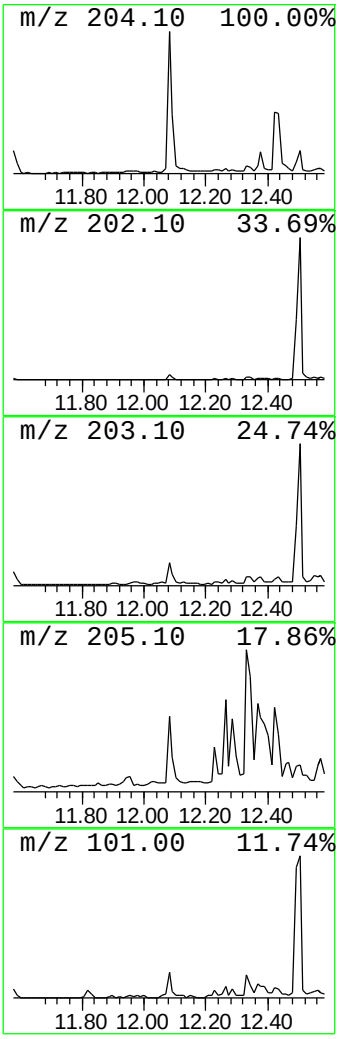
Peak Number 13 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	4.21 ng	180478	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60





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Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

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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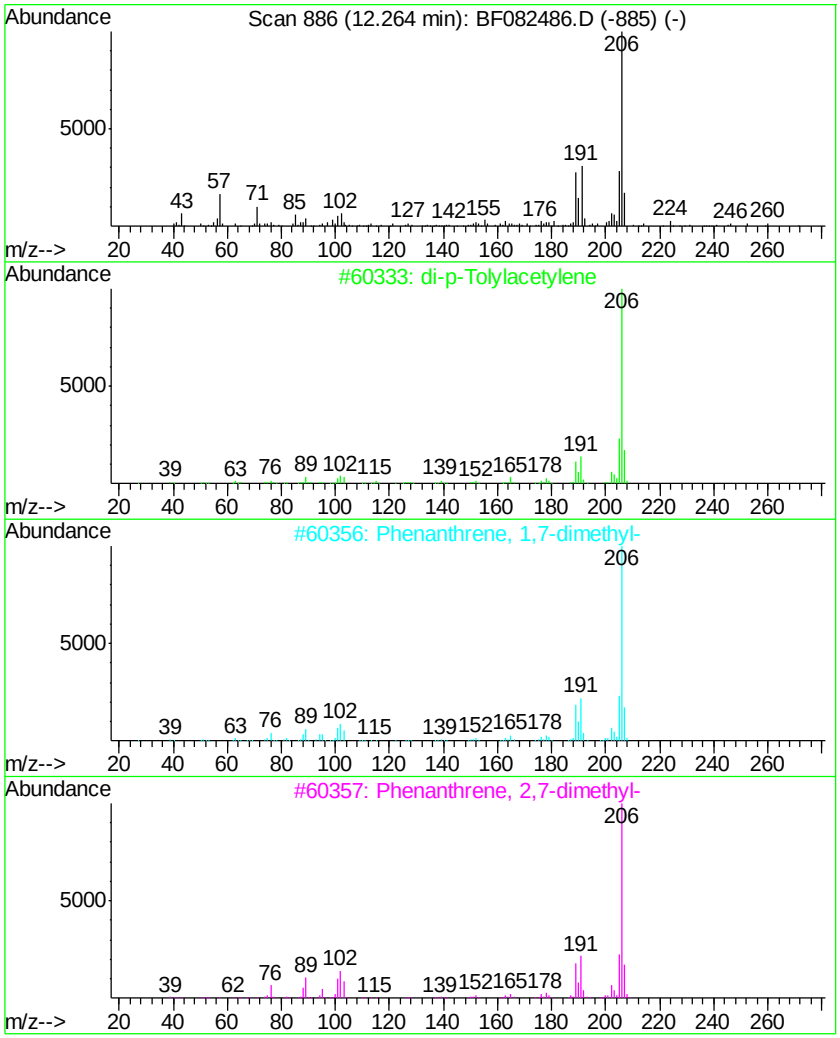
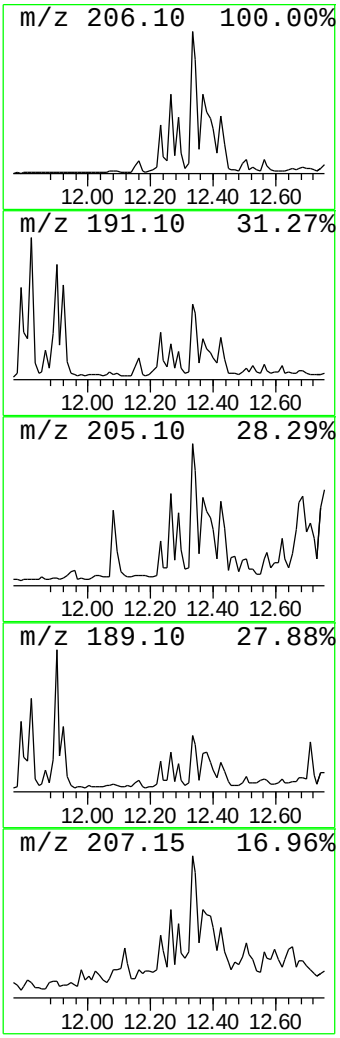
Peak Number 14 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.63 ng	155405	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80





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Sample : G4129-12
Misc :
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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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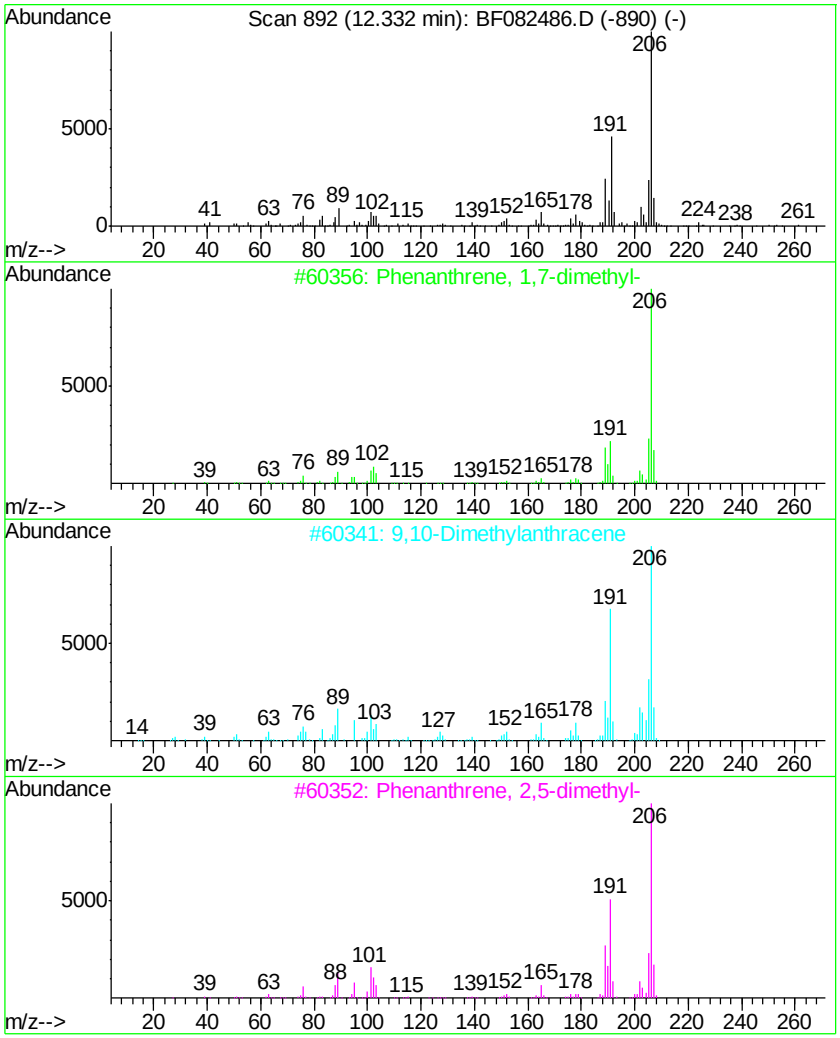
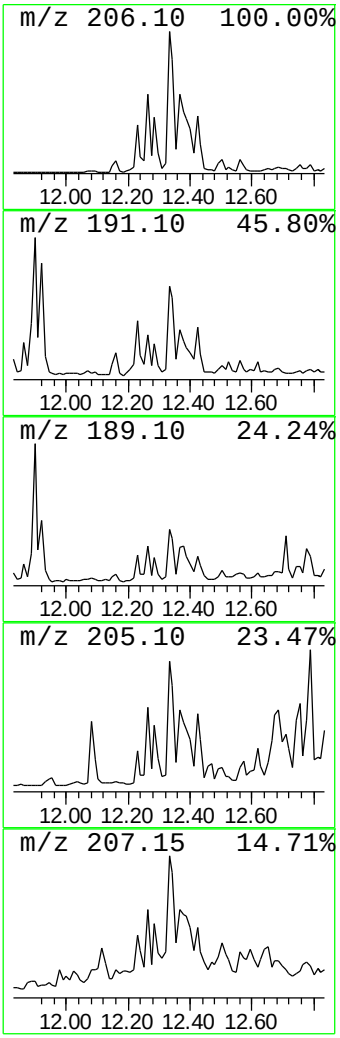
Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.31 ng	270276	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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Sample : G4129-12
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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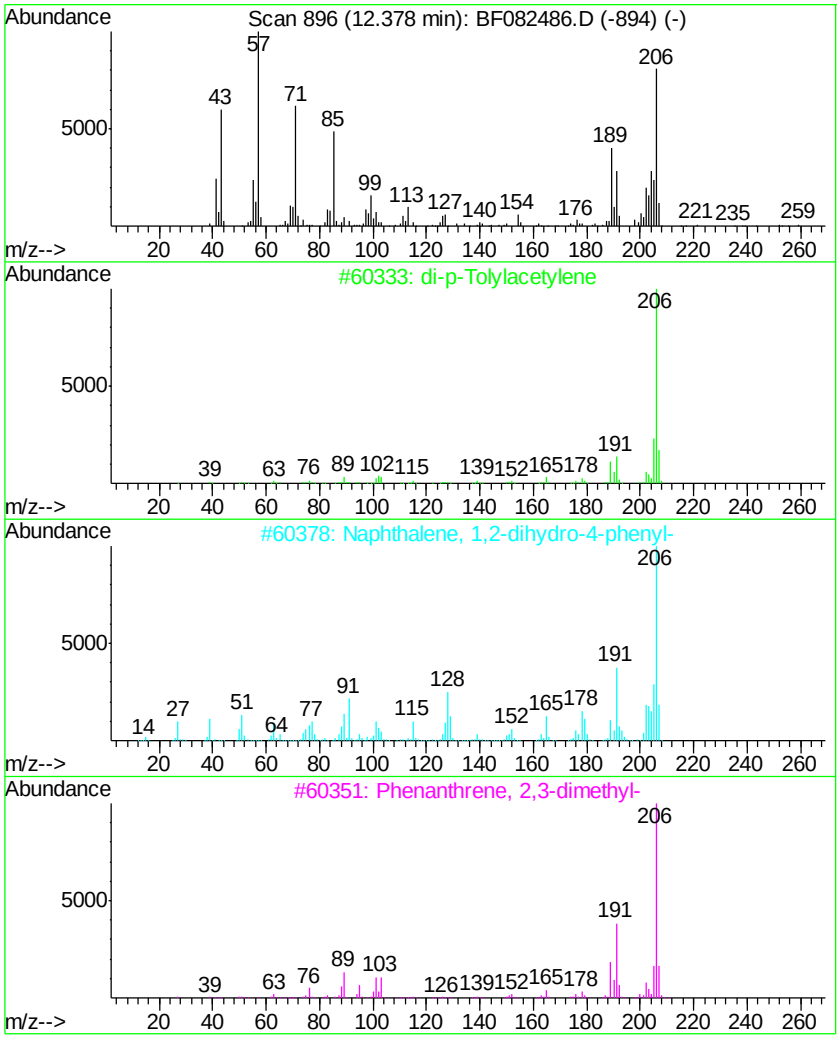
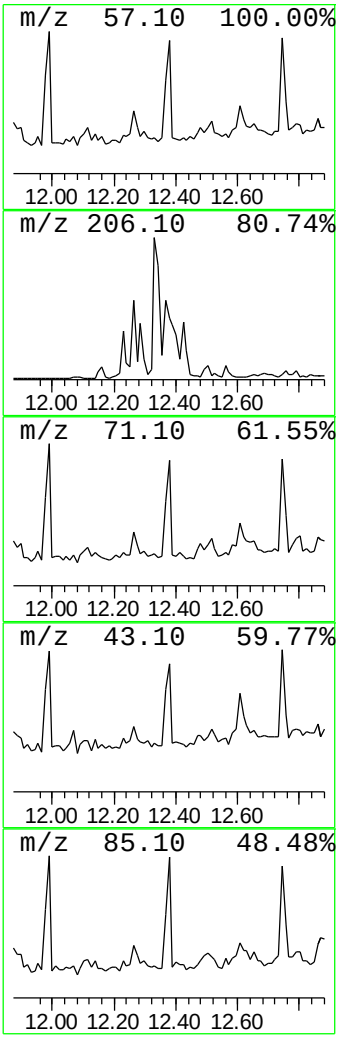
Peak Number 16 unknown12.38 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	5.17 ng	221624	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	45
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	41
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	38
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38





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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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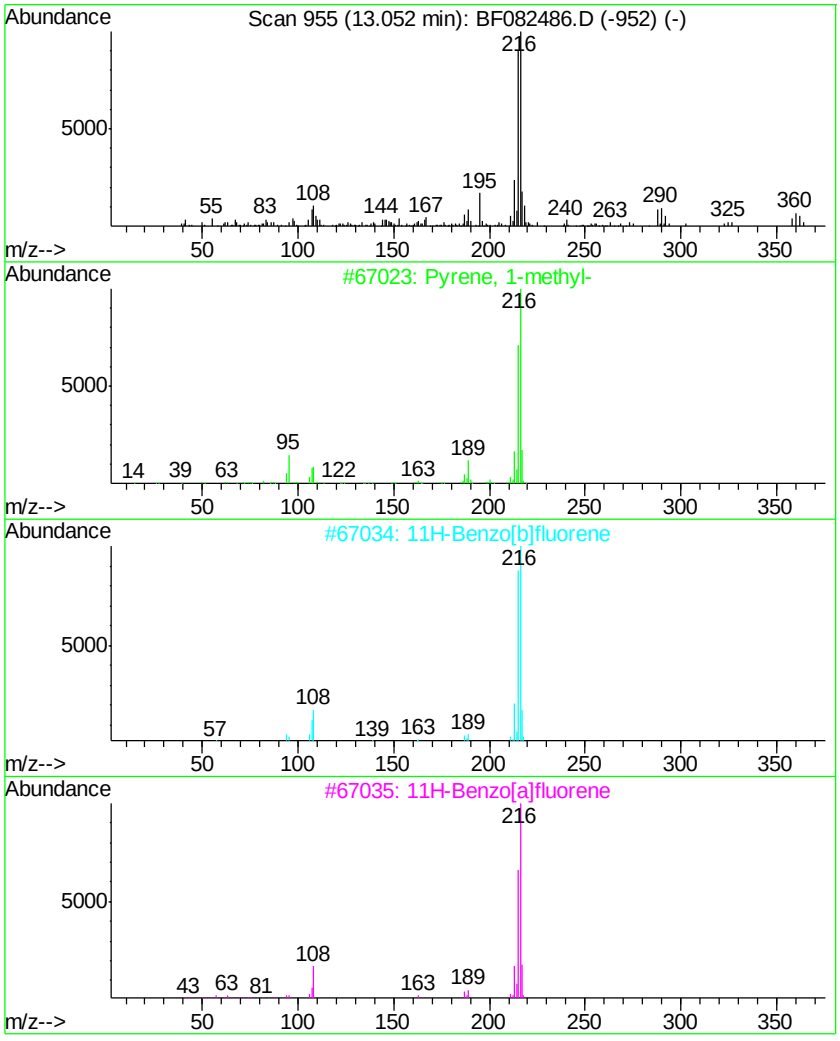
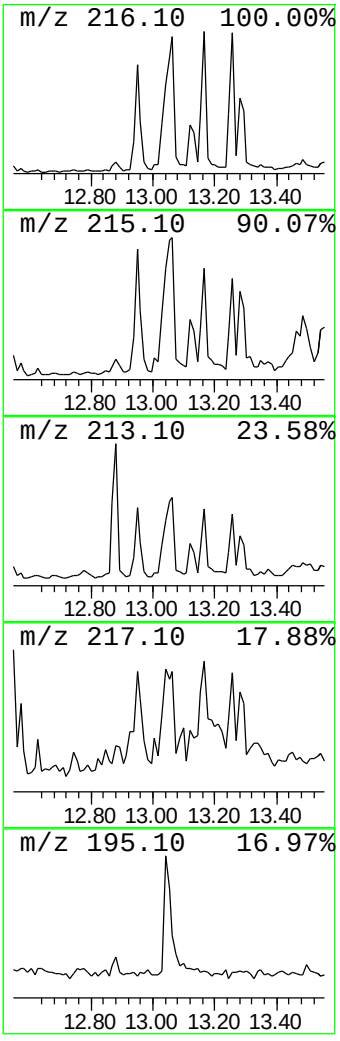
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.47 ng	278145	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	49





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Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

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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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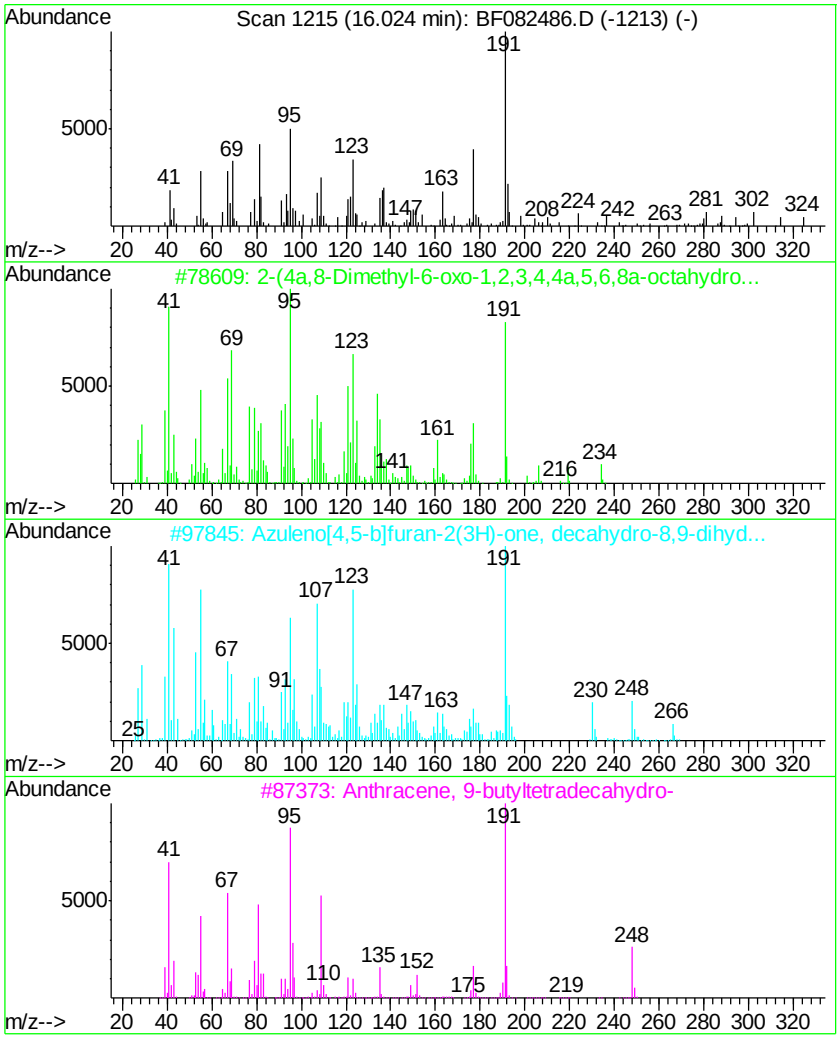
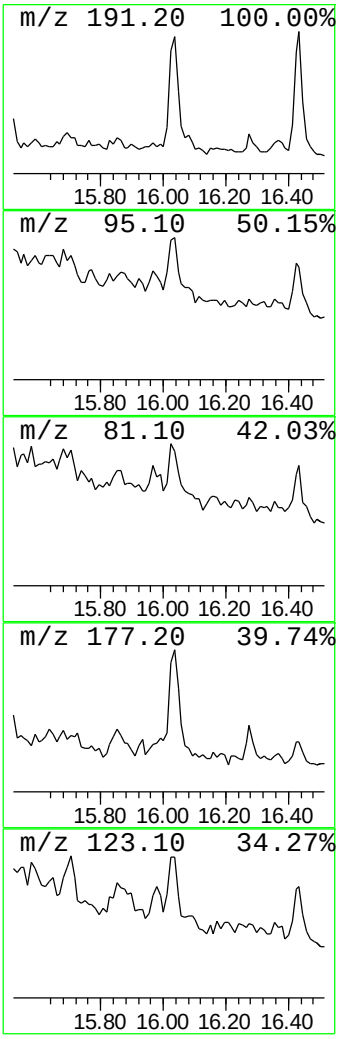
Peak Number 19 unknown16.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	5.84 ng	236215	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	42
2	Azuleno[4,5-b]furan-2(3H)-one, d...	266	C15H22O4	005090-67-5	38
3	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	37
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

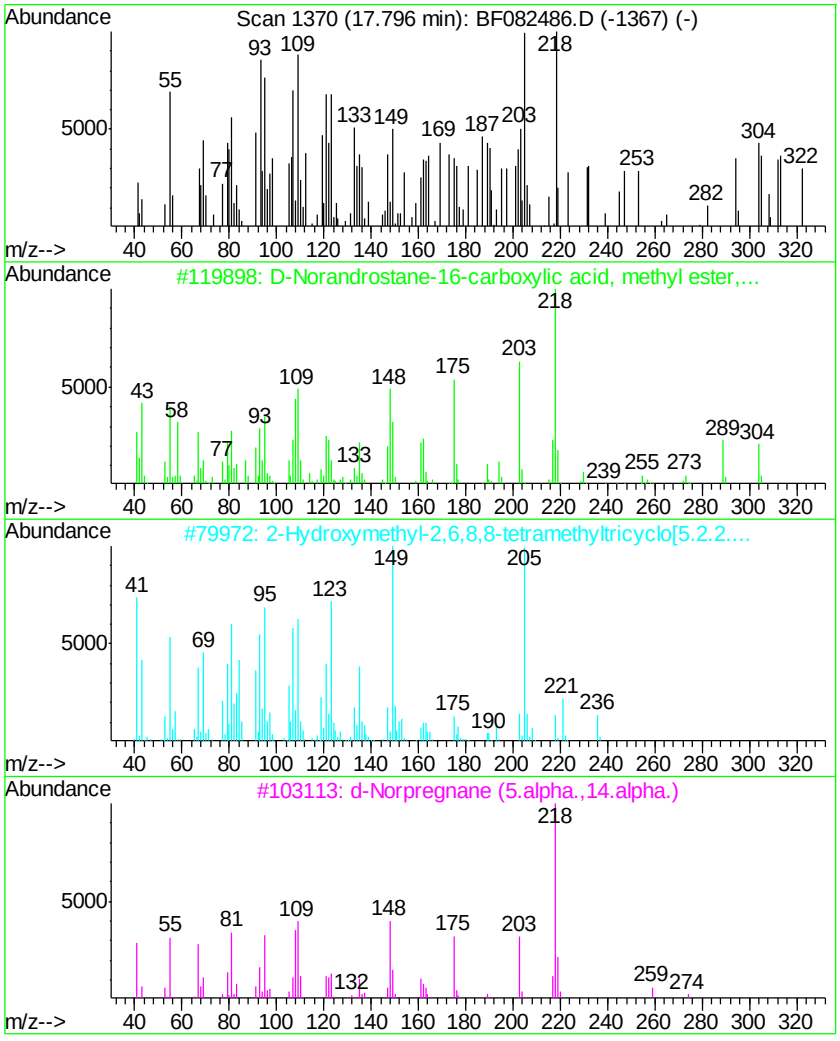
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

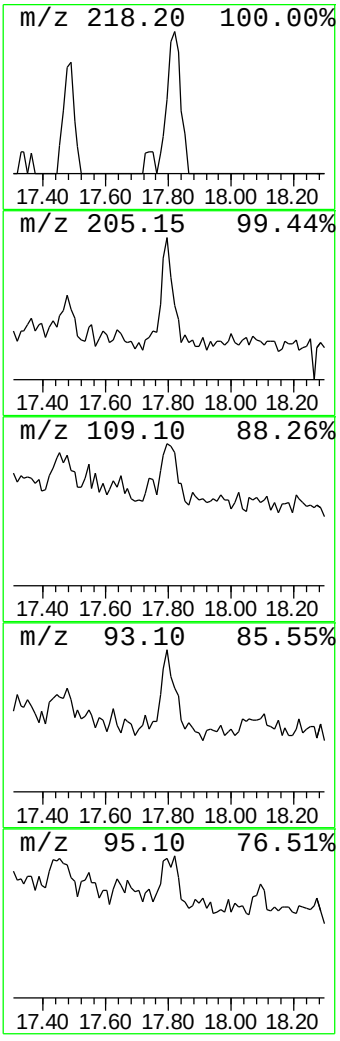
****

Peak Number 20 D-Norandrostane-16-carboxyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	3.55 ng	143333	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Norandrostane-16-carboxylic ac...	304	C20H32O2	054411-59-5	60
2	2-Hydroxymethyl-2,6,8,8-tetramet...	236	C16H28O	137235-47-3	43
3	d-Norpregnane (5.alpha.,14.alpha.)	274	C20H34	1000281-13-7	32
4	1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	27
5	Longifolenaldehyde	220	C15H24O	019890-84-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082486.D
Acq On : 24 Oct 2015 1:12
Operator : UM/IZ
Sample : G4129-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-14-4-4.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.91	43.6	ng	1255460	1	6.75	575657	20.0
unknown6.53	6.53	74.8	ng	2153740	1	6.75	575657	20.0
Dodecane, 2-methy...	10.71	7.8	ng	332302	4	11.28	856642	20.0
Naphtho[2,1-b]fur...	11.04	3.6	ng	155268	4	11.28	856642	20.0
unknown11.14	11.14	4.4	ng	188628	4	11.28	856642	20.0
unknown11.53	11.53	3.9	ng	167925	4	11.28	856642	20.0
Heptadecane	11.58	4.2	ng	180293	4	11.28	856642	20.0
Anthracene, 2-met...	11.78	4.0	ng	172311	4	11.28	856642	20.0
Phenanthrene, 2-m...	11.82	9.4	ng	403101	4	11.28	856642	20.0
Anthracene, 1-met...	11.90	12.7	ng	544358	4	11.28	856642	20.0
Octadecane	11.99	3.5	ng	149462	4	11.28	856642	20.0
2-Phenylnaphthalene	12.08	4.2	ng	180478	4	11.28	856642	20.0
di-p-Tolylacetylene	12.26	3.6	ng	155405	4	11.28	856642	20.0
Phenanthrene, 1,7...	12.33	6.3	ng	270276	4	11.28	856642	20.0
unknown12.38	12.38	5.2	ng	221624	4	11.28	856642	20.0
Pyrene, 1-methyl-	13.05	3.5	ng	278145	5	13.94	1603460	20.0
unknown16.02	16.02	5.8	ng	236215	6	15.41	808573	20.0
D-Norandrostane-1...	17.80	3.5	ng	143333	6	15.41	808573	20.0