LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092157.D
Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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	2.241	29	31	39	rVB3	9806	24733	1.39%	0.107%
2	3.293	118	123	127	rVB3	7776	18897	1.07%	0.082%
3	4.024	184	187	190	rBV	17750	27739	1.56%	0.120%
4	4.756	248	251	260	rVB	841861	992779	55.98%	4.286%
5	5.247	292	294	302	rBV	872414	1051707	59.30%	4.541%
6	5.887	347	350	352	rVB2	12926	21130	1.19%	0.091%
7	6.287	382	385	386	rBV	78872	123035	6.94%	0.531%
8	6.310	386	387	394	rVV	1353613	1773450	100.00%	7.657%
9	6.413	394	396	399	rVV	1416353	1426642	80.44%	6.159%
10	6.482	399	402	404	rVB3	25397	43970	2.48%	0.190%
11	6.642	414	416	418	rBV	687168	793999	44.77%	3.428%
12	6.722	419	423	425	rBV2	12176	27340	1.54%	0.118%
13	6.790	427	429	432	rVV	1482519	1425276	80.37%	6.153%
14	6.916	433	440	442	rVB5	12493	36915	2.08%	0.159%
15	6.962	442	444	446	rBV3	16040	22047	1.24%	0.095%
16	7.030	449	450	454	rBV4	17742	35280	1.99%	0.152%
17	7.202	463	465	468	rVV	940294	927500	52.30%	4.004%
18	7.247	468	469	471	rVV	29147	34443	1.94%	0.149%
19	7.293	471	473	475	rVB	19765	26225	1.48%	0.113%
20	7.419	481	484	485	rBV3	20816	27835	1.57%	0.120%
21	7.442	485	486	489	rVB2	18896	27488	1.55%	0.119%
22	7.499	489	491	493	rBV3	20887	25136	1.42%	0.109%
23	7.556	493	496	498	rBV2	16054	32557	1.84%	0.141%
24	7.670	503	506	507	rVV2	17621	26165	1.48%	0.113%
25	7.739	511	512	516	rVB4	10627	22074	1.24%	0.095%
26	7.842	516	521	522	rBV4	9582	22397	1.26%	0.097%
27	7.922	526	528	531	rVV	895688	1053780	59.42%	4.550%
28	8.002	534	535	538	rVB	27153	26845	1.51%	0.116%
29	8.105	541	544	545	rBV3	14358	24203	1.36%	0.104%
30	8.207	551	553	558	rVB4	17703	37980	2.14%	0.164%
31	8.322	561	563	564	rVB	15622	20048	1.13%	0.087%
32	8.367	564	567	571	rBV2	39273	71244	4.02%	0.308%
33	8.527	579	581	584	rBV	54267	79685	4.49%	0.344%
34	8.585	584	586	588	rVV3	13725	25443	1.43%	0.110%

LSC Area Percent Report

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Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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	8.642	588	591	592	rVB2	54473	60988	3.44%	0.263%
36	8.733	597	599	603	rVB4	27907	50019	2.82%	0.216%
37	8.962	616	619	621	rBV3	47776	57054	3.22%	0.246%
38	9.008	621	623	625	rVB	1958000	1749156	98.63%	7.552%
39	9.099	628	631	633	rBV	102182	121206	6.83%	0.523%
40	9.156	634	636	639	rVB3	22501	30015	1.69%	0.130%
41	9.270	643	646	648	rBV2	32986	62109	3.50%	0.268%
42	9.339	650	652	653	rBV	49581	45471	2.56%	0.196%
43	9.408	655	658	660	rVB	200827	210028	11.84%	0.907%
44	9.533	667	669	672	rBV4	17728	35015	1.97%	0.151%
45	9.625	675	677	679	rVV	117115	93174	5.25%	0.402%
46	9.682	679	682	683	rVV	723492	963475	54.33%	4.160%
47	9.705	683	684	686	rVV	98317	95806	5.40%	0.414%
48	9.785	689	691	693	rVB2	25255	39647	2.24%	0.171%
49	9.888	693	700	701	rBV2	70079	158067	8.91%	0.682%
50	9.911	701	702	704	rVV2	42354	52458	2.96%	0.226%
51	10.002	707	710	711	rBV2	21124	37755	2.13%	0.163%
52	10.082	715	717	719	rBV2	23967	50691	2.86%	0.219%
53	10.128	719	721	723	rVB	72014	92890	5.24%	0.401%
54	10.219	727	729	733	rVB3	93251	110032	6.20%	0.475%
55	10.322	736	738	742	rBV2	64995	143632	8.10%	0.620%
56	10.379	742	743	746	rVB2	26105	37486	2.11%	0.162%
57	10.425	746	747	748	rBV	20876	19124	1.08%	0.083%
58	10.471	748	751	753	rBV	286612	335244	18.90%	1.447%
59	10.596	760	762	765	rVB	147680	208380	11.75%	0.900%
60	10.665	765	768	769	rBV	23534	33363	1.88%	0.144%
61	10.733	769	774	778	rBV4	106482	354891	20.01%	1.532%
62	10.882	785	787	789	rBV3	15958	22093	1.25%	0.095%
63	10.916	789	790	793	rVB2	30798	28848	1.63%	0.125%
64	10.962	793	794	797	rBV3	24404	25813	1.46%	0.111%
65	11.042	797	801	802	rBV	146649	188000	10.60%	0.812%
66	11.156	809	811	812	rBV	1125035	976507	55.06%	4.216%
67	11.225	815	817	819	rVV	90788	146017	8.23%	0.630%
68	11.271	819	821	823	rVB3	18416	34696	1.96%	0.150%
69	11.396	829	832	835	rBV4	78808	144987	8.18%	0.626%
70	11.465	836	838	839	rBV	125522	116238	6.55%	0.502%
71	11.568	845	847	850	rVB	46680	56801	3.20%	0.245%

LSC Area Percent Report

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Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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

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

72	11.625	850	852	853	rBV	55785	72544	4.09%	0.313%
73	11.659	853	855	856	rBV	82323	82764	4.67%	0.357%
74	11.762	863	864	869	rBV2	90655	184747	10.42%	0.798%
75	11.876	872	874	878	rVB2	84687	118017	6.65%	0.510%
76	12.208	901	903	904	rBV	108228	121319	6.84%	0.524%
77	12.265	906	908	909	rVV	139190	157626	8.89%	0.681%
78	12.334	912	914	915	rVV2	53071	53186	3.00%	0.230%
79	12.368	915	917	919	rVV	470970	465433	26.24%	2.009%
80	12.414	919	921	924	rVV3	63993	148586	8.38%	0.641%
81	12.596	934	937	939	rBV	332921	505797	28.52%	2.184%
82	12.631	939	940	944	rVB3	120117	177390	10.00%	0.766%
83	12.745	948	950	952	rBV	1531019	1491944	84.13%	6.441%
84	12.985	969	971	973	rBV2	145544	189089	10.66%	0.816%
85	13.328	999	1001	1003	rBV	143556	200958	11.33%	0.868%
86	13.659	1028	1030	1033	rVB2	213074	261120	14.72%	1.127%
87	13.797	1039	1042	1045	rBV2	564341	939127	52.95%	4.055%
88	19.477	1536	1539	1541	rBV4	198462	649732	36.64%	2.805%

Sum of corrected areas: 23162542

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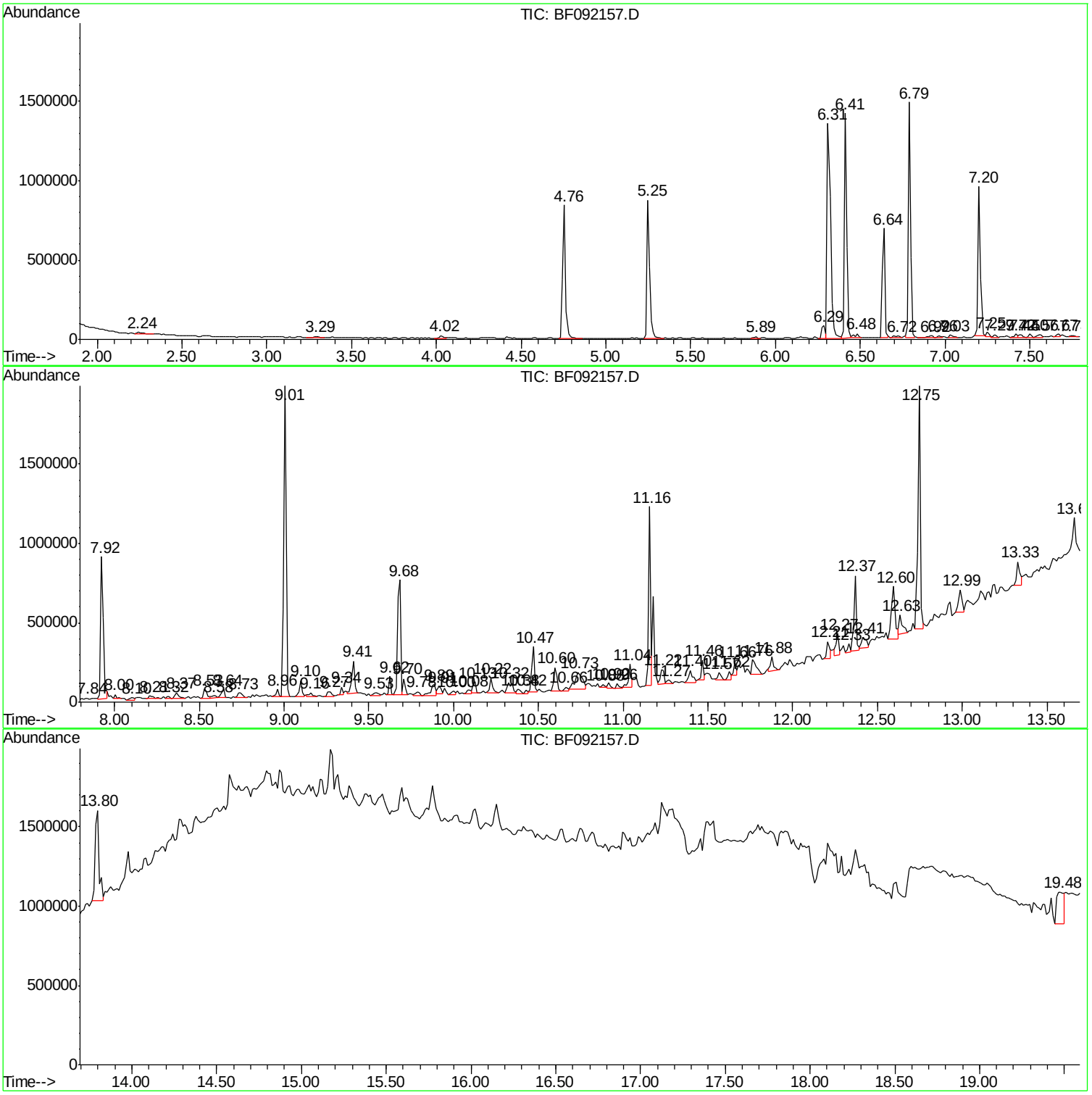
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP2

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\BF010917\
Data File : BF092157.D
Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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

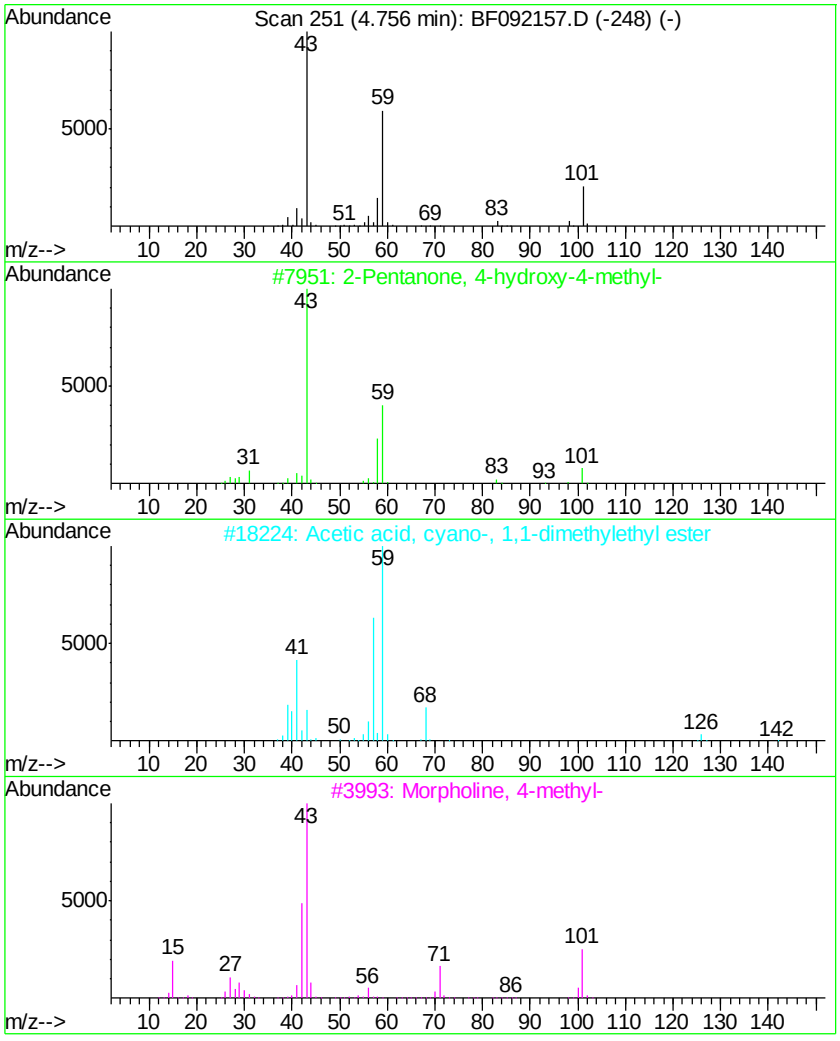
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

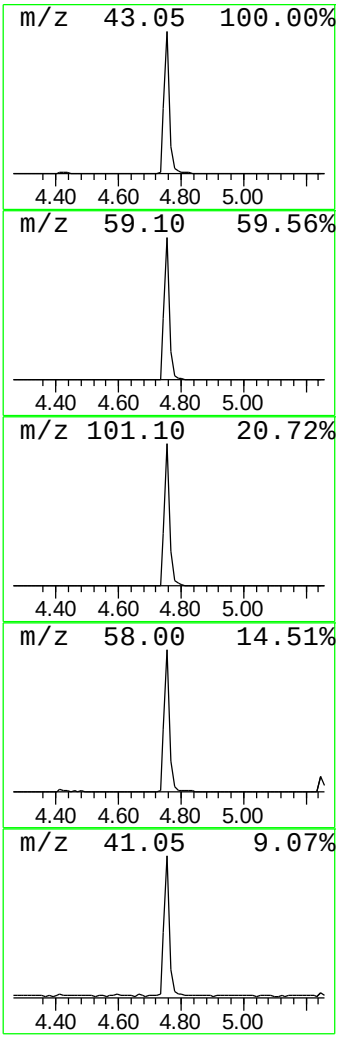
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	25.01 ng	992779	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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

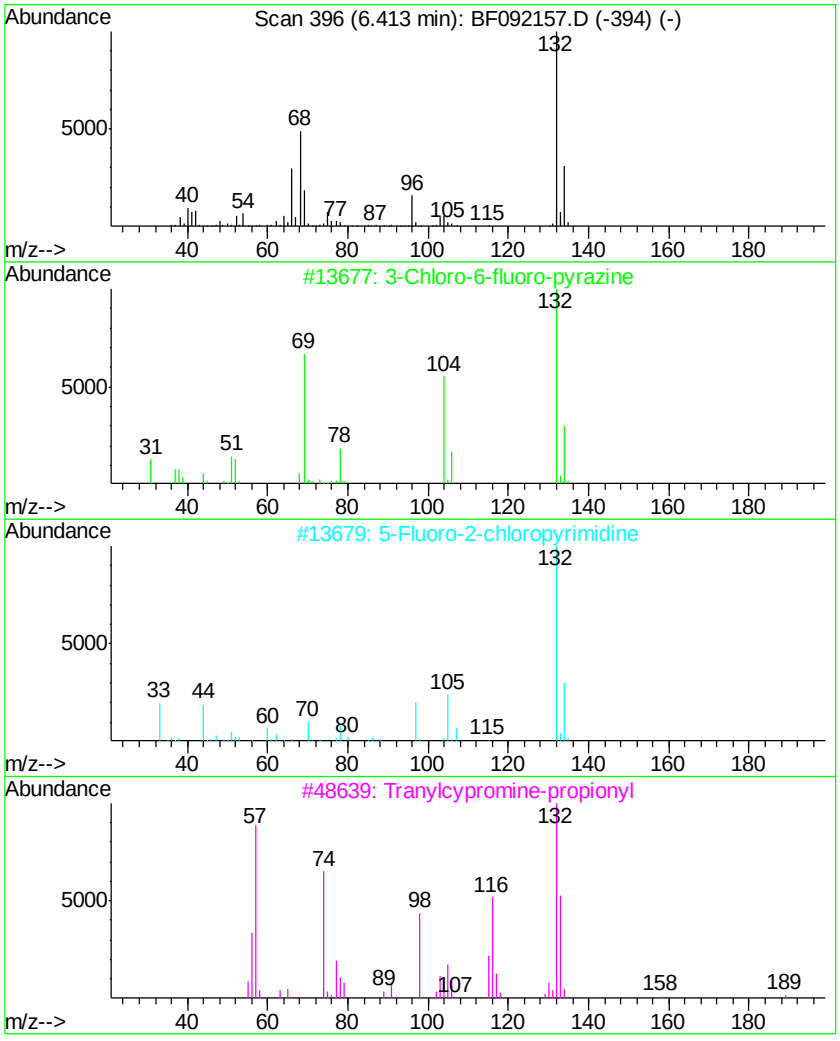
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

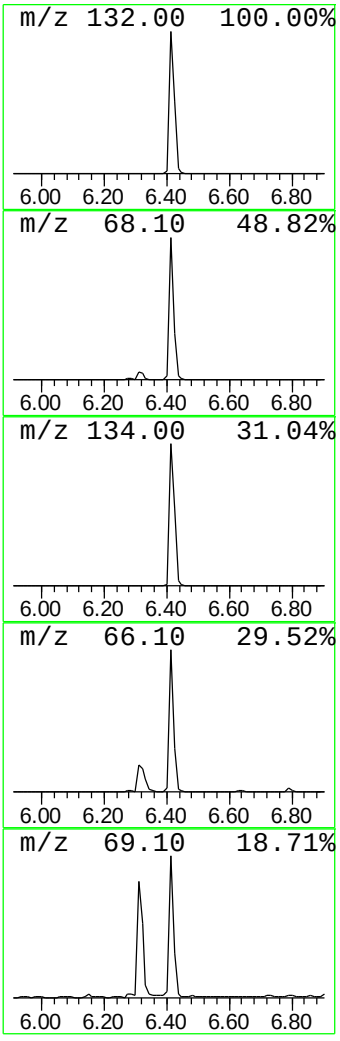
****

Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	35.94 ng	1426640	1,4-Dichlorobenzene-d4	6.64

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	12
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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Sample : I1045-02 2X
Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP2

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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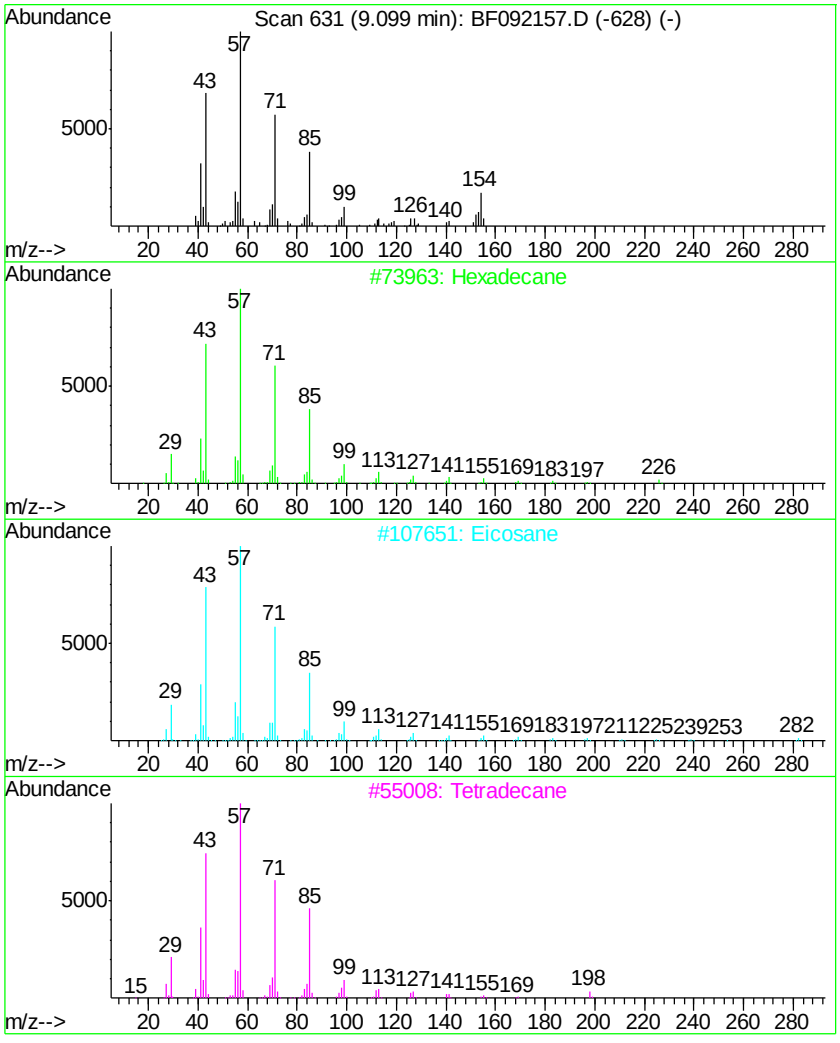
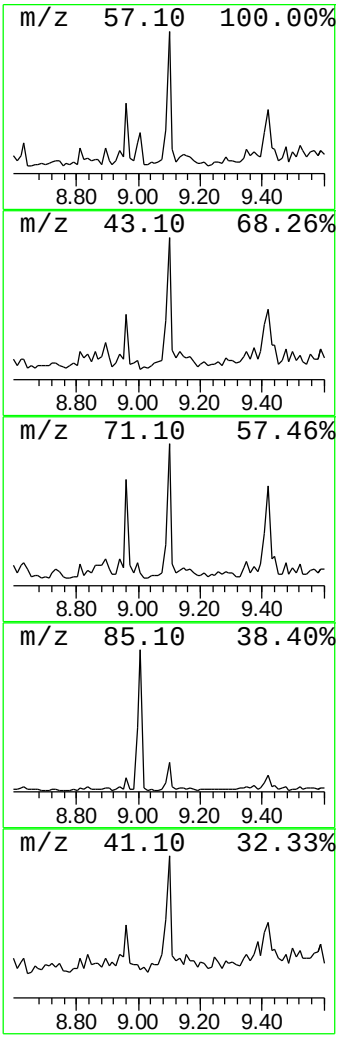
Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.52 ng	121206	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Eicosane	282	C20H42	000112-95-8	80
3	Tetradecane	198	C14H30	000629-59-4	74
4	Tridecane	184	C13H28	000629-50-5	72
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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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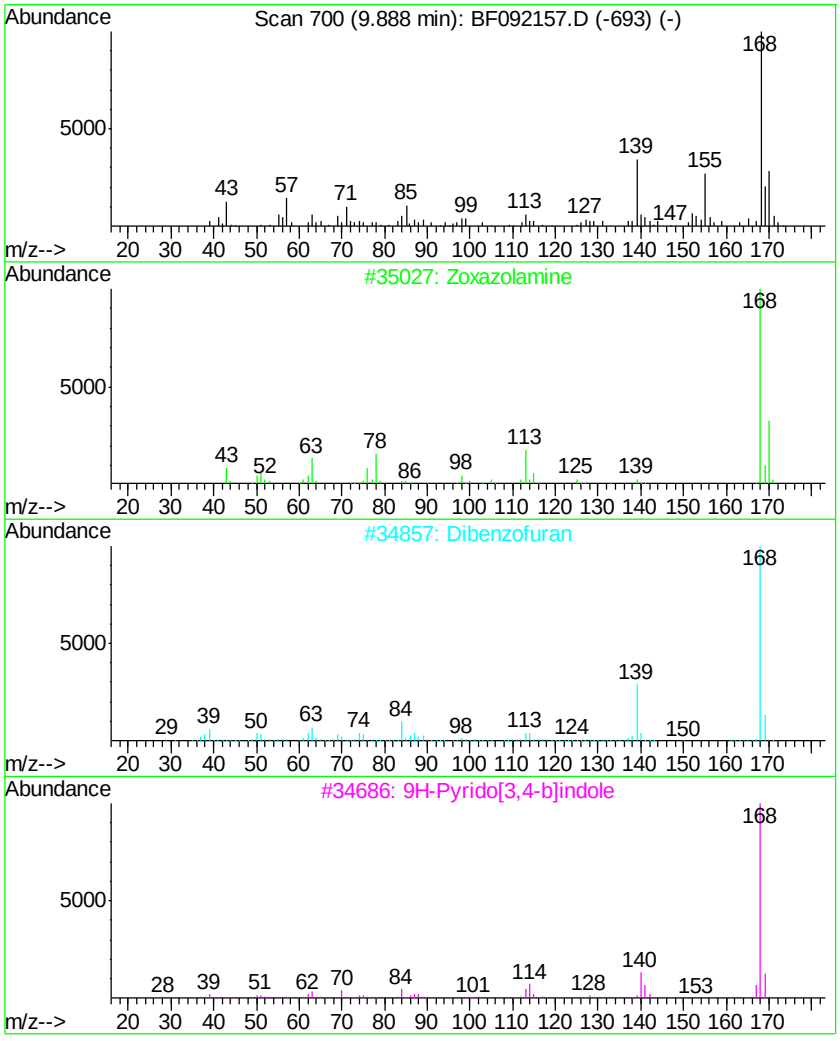
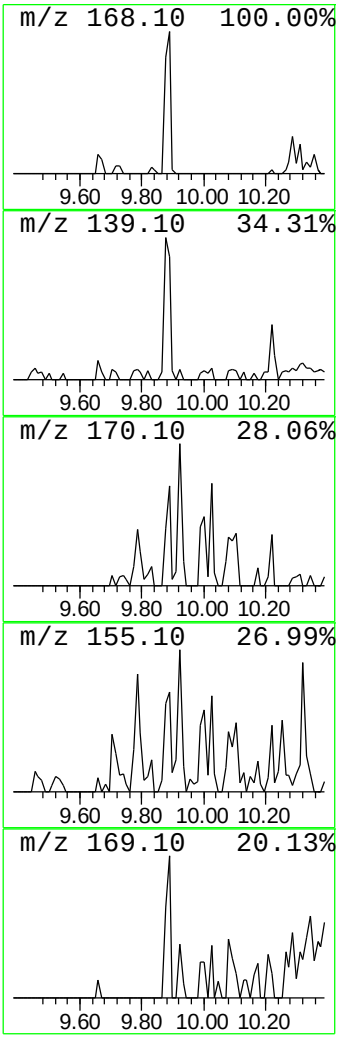
Peak Number 5 unknown9.89 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.28 ng	158067	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zoxazolamine	168	C7H5ClN2O	000061-80-3	47
2	Dibenzofuran	168	C12H8O	000132-64-9	46
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	38
4	2-Dibenzofuransulfonic acid	248	C12H8O4S	083863-63-2	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38





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Data File : BF092157.D
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Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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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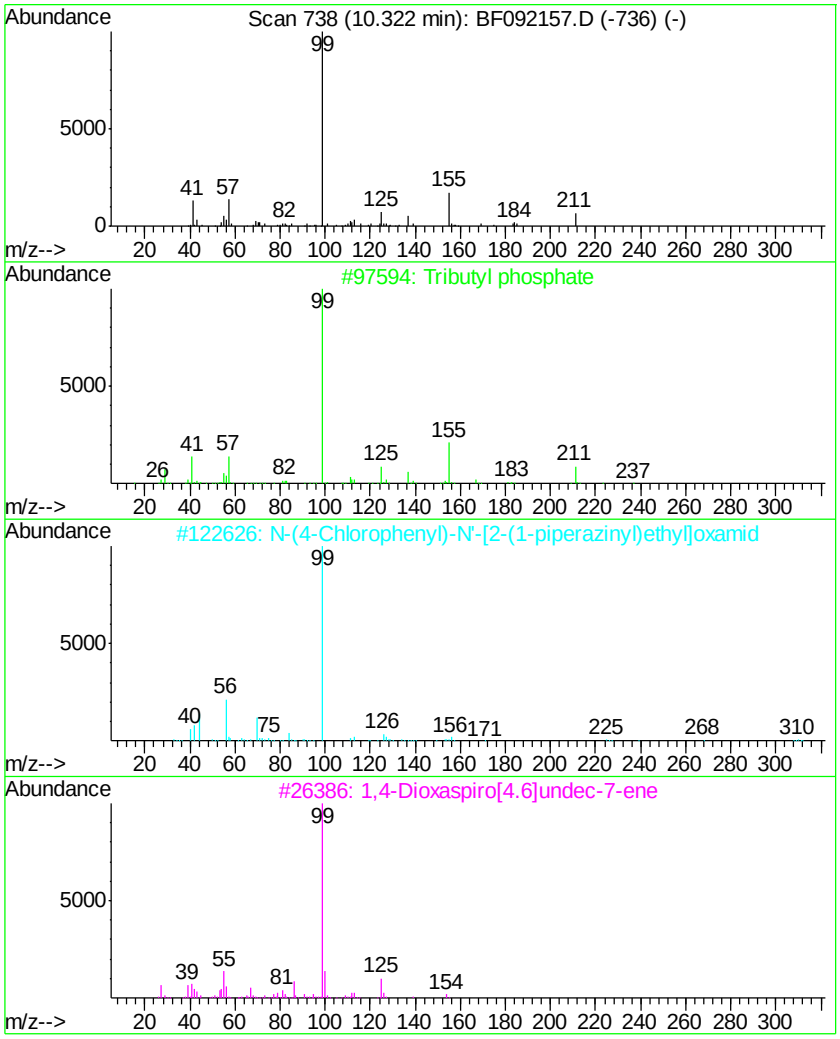
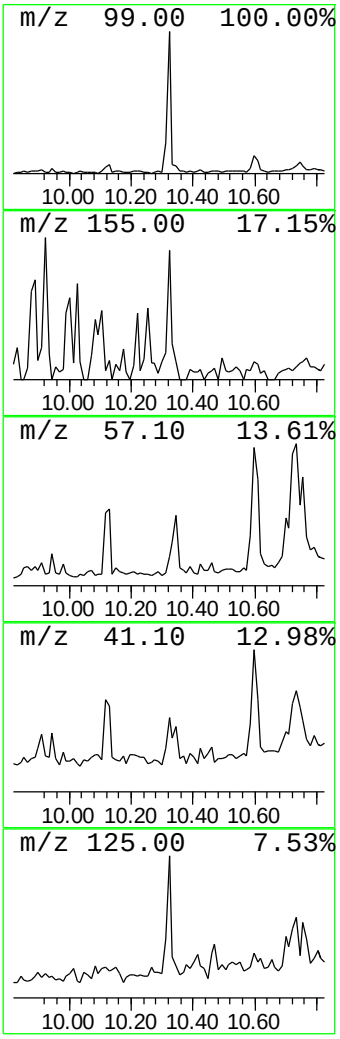
Peak Number 6 Tributyl phosphate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.98 ng	143632	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	87
2	N-(4-Chlorophenyl)-N'-[2-(1-pipe...	310	C14H19ClN4O2	330593-05-0	33
3	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	33
4	2-Pyrazolin-5-ol, 1-acetyl-5-per...	560	C14H9F17N2O2	1000258-92-6	28
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092157.D
Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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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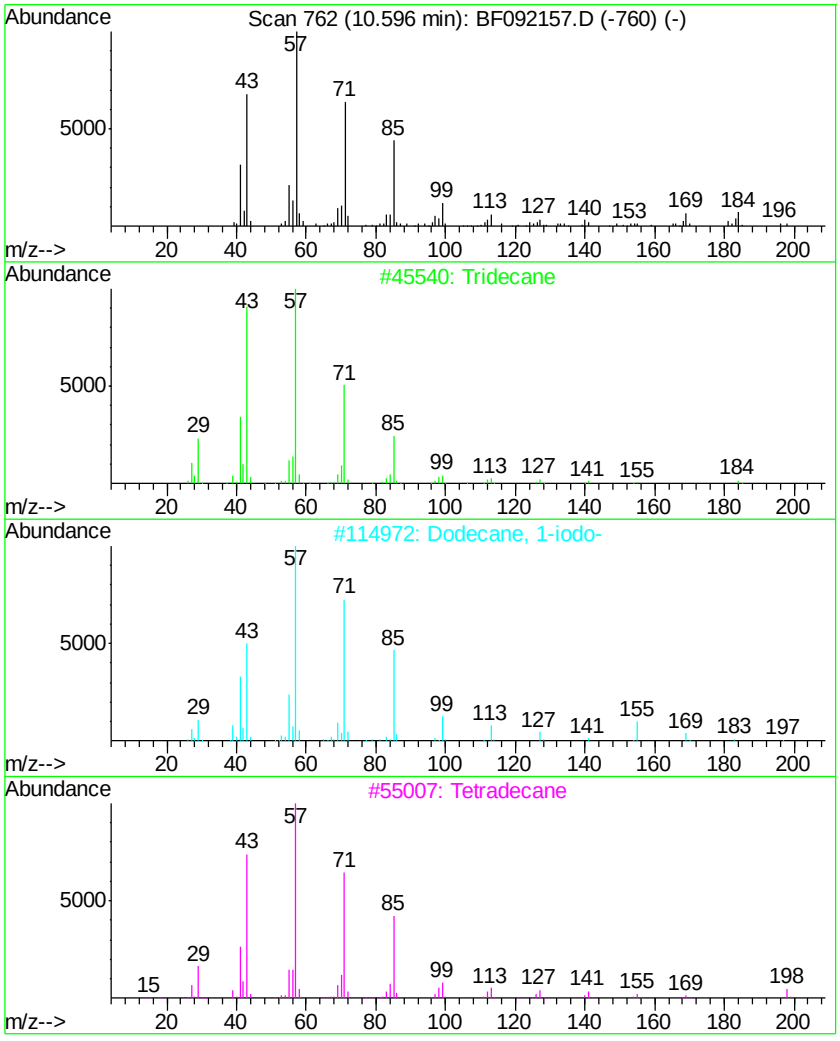
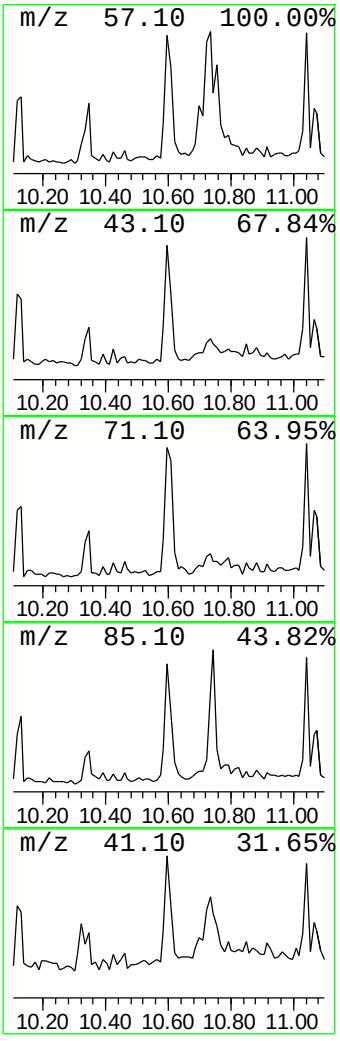
Peak Number 7 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.27 ng	208380	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





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Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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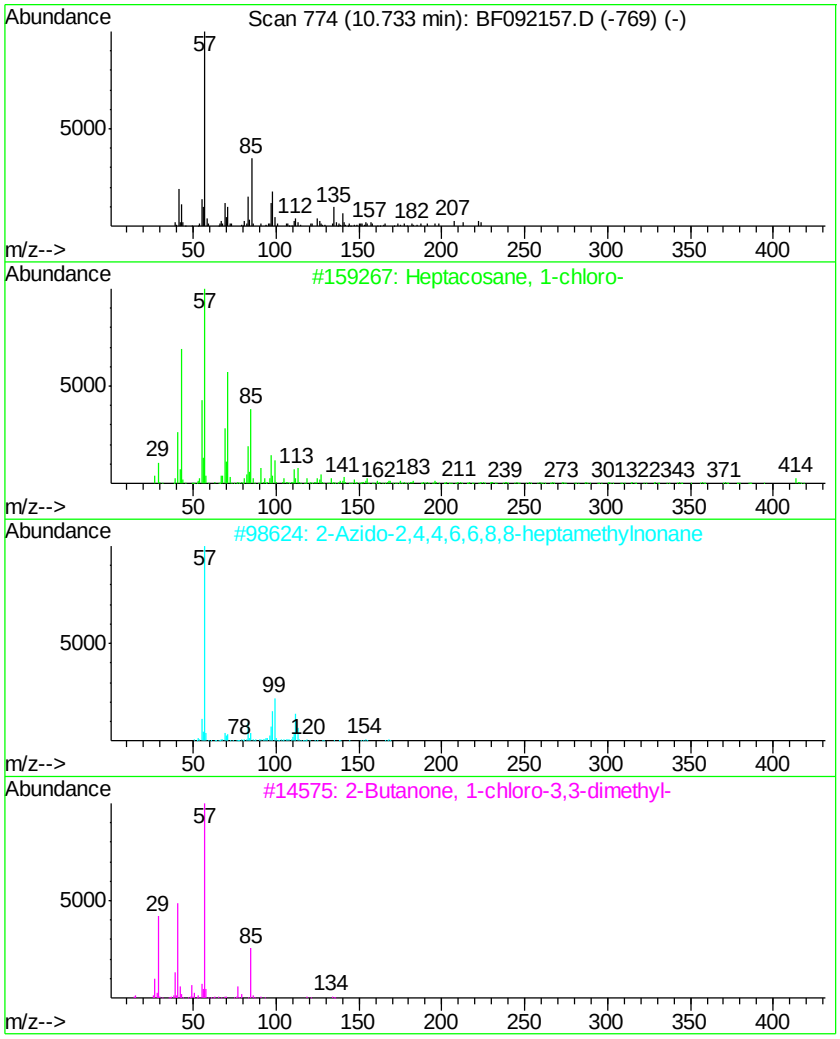
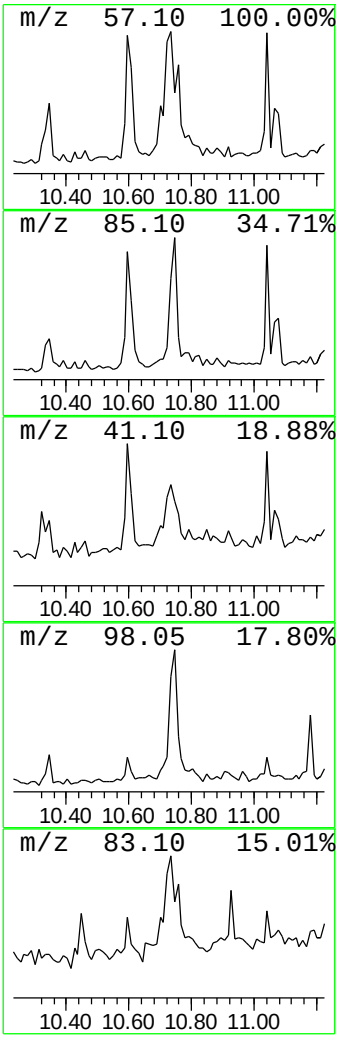
Peak Number 8 unknown10.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	7.27 ng	354891	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	47
2	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	38
3	2-Butanone, 1-chloro-3,3-dimethyl-	134	C6H11ClO	013547-70-1	35
4	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	35
5	Pentadecane	212	C15H32	000629-62-9	27





Library Search Compound Report

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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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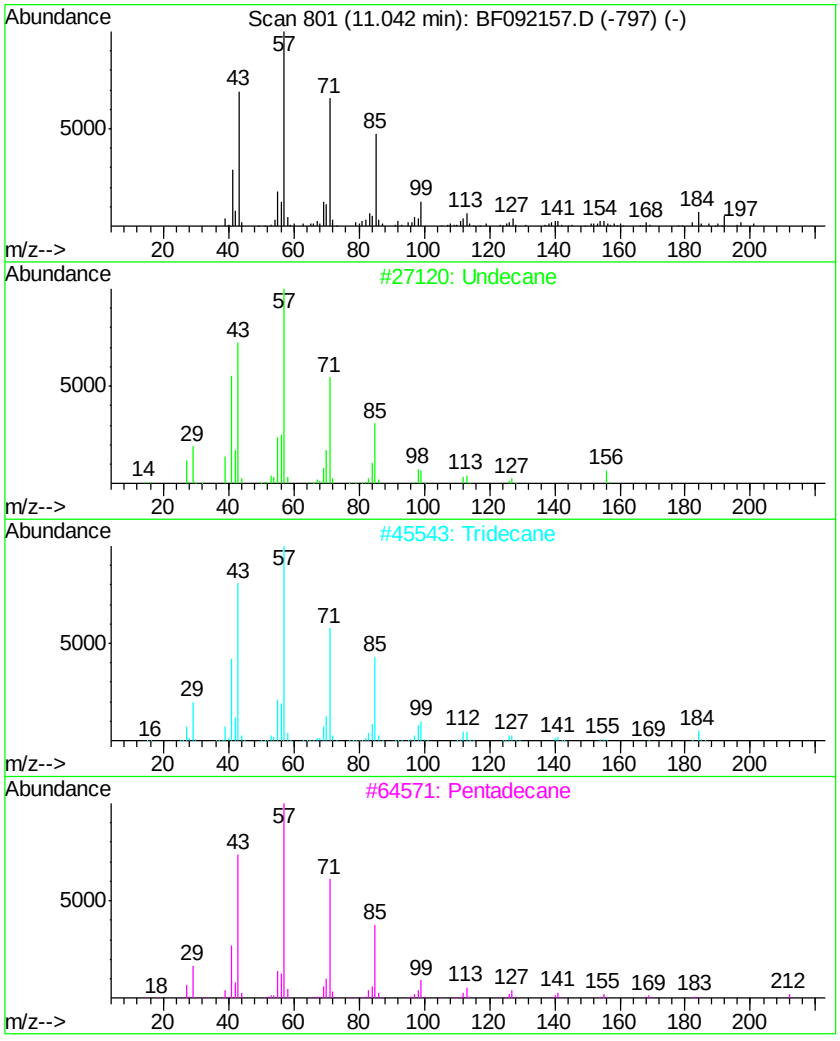
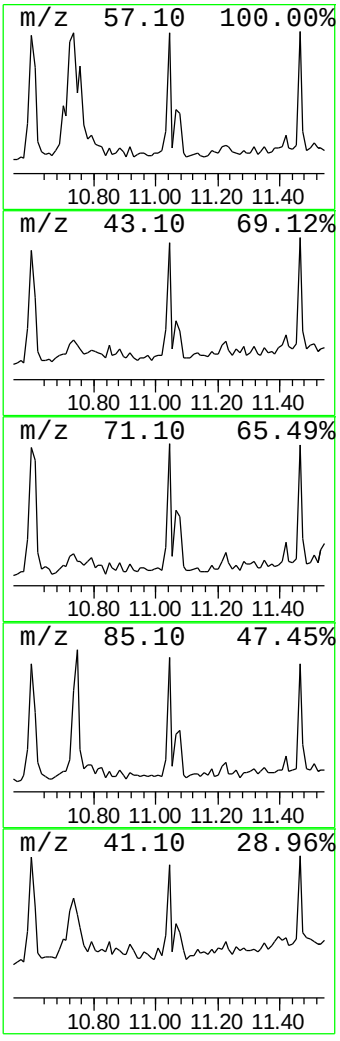
Peak Number 9 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	3.85 ng	188000	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Hexadecane	226	C16H34	000544-76-3	80





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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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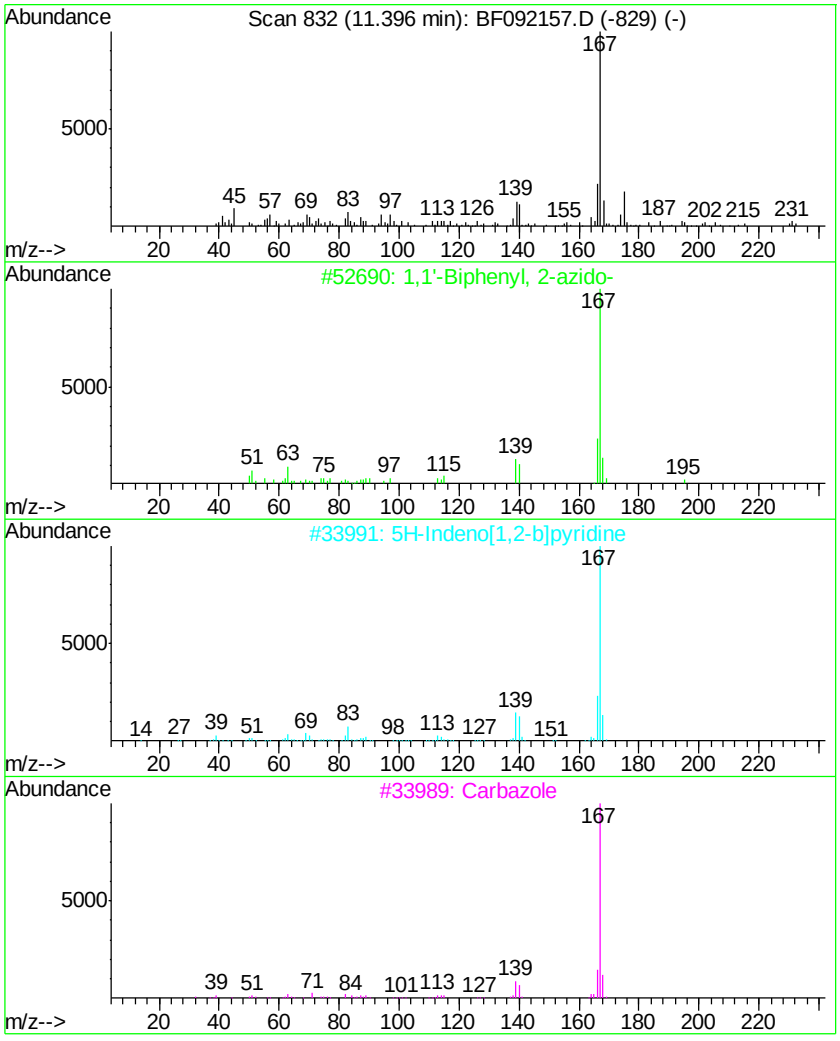
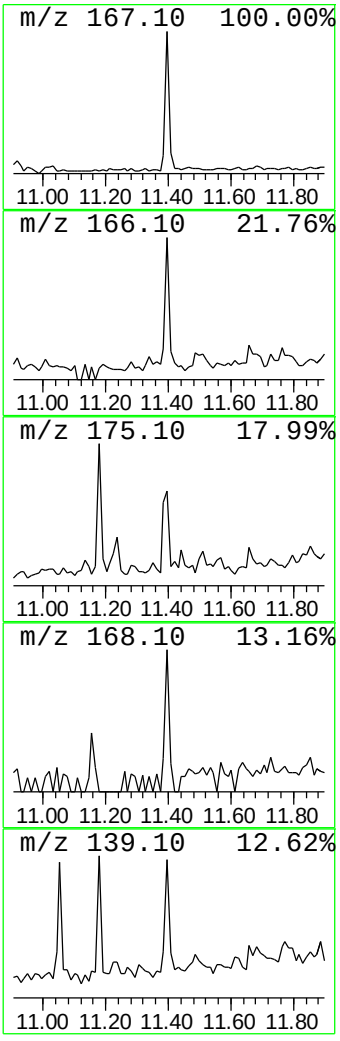
Peak Number 10 1,1'-Biphenyl, 2-azido- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.97 ng	144987	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	87
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	83
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	72





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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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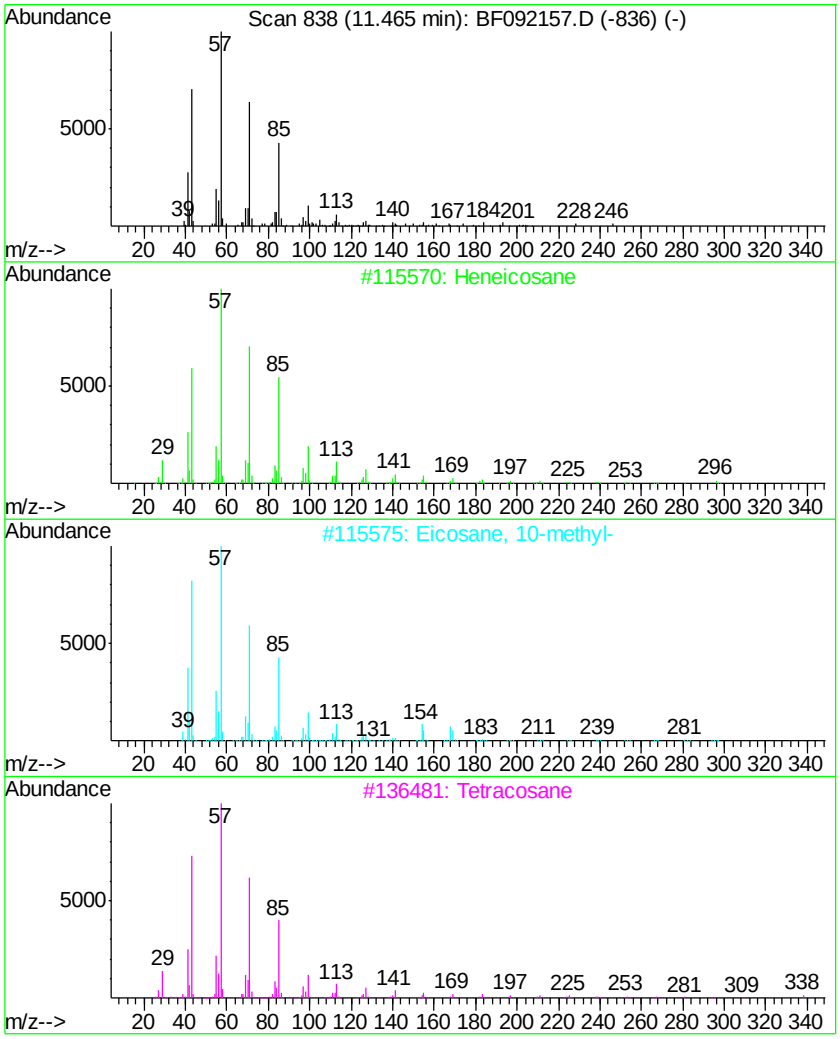
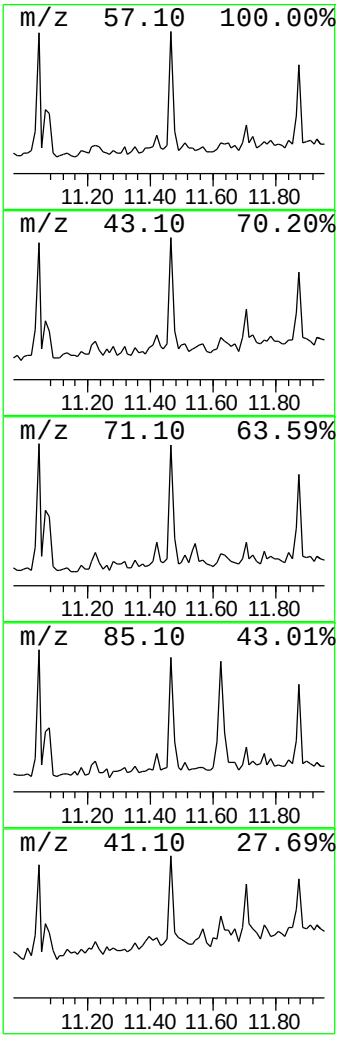
Peak Number 11 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.38 ng	116238	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : P3-SP2

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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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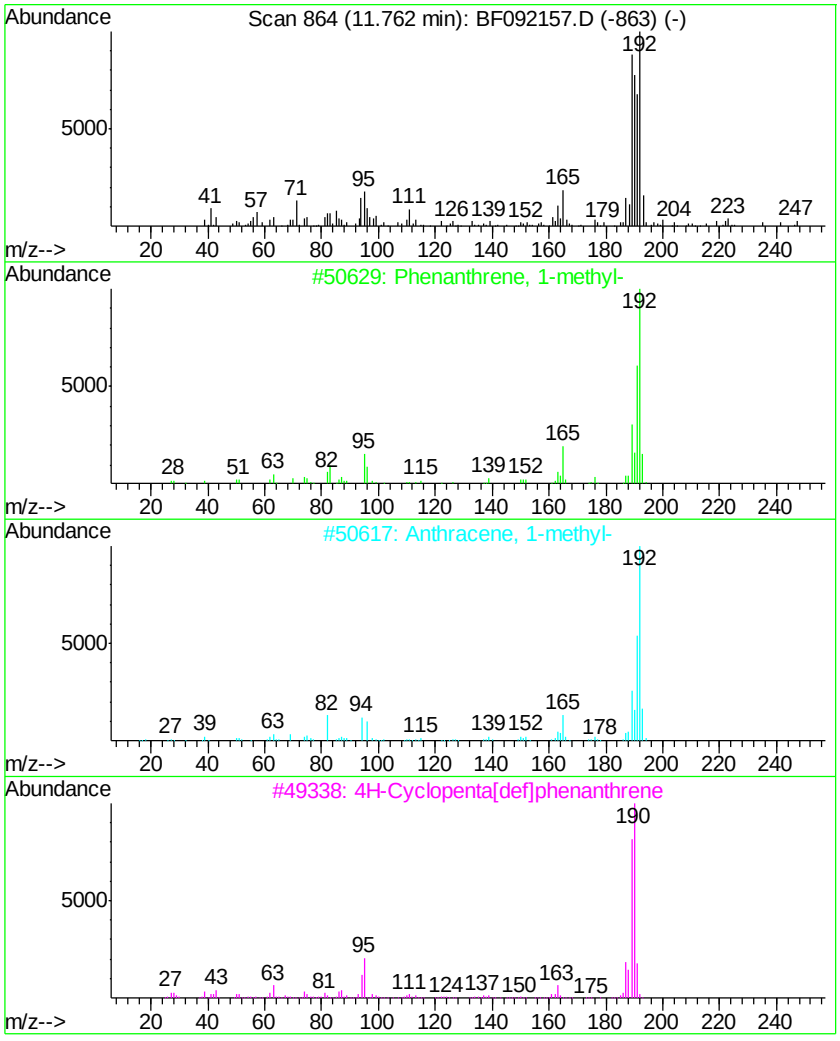
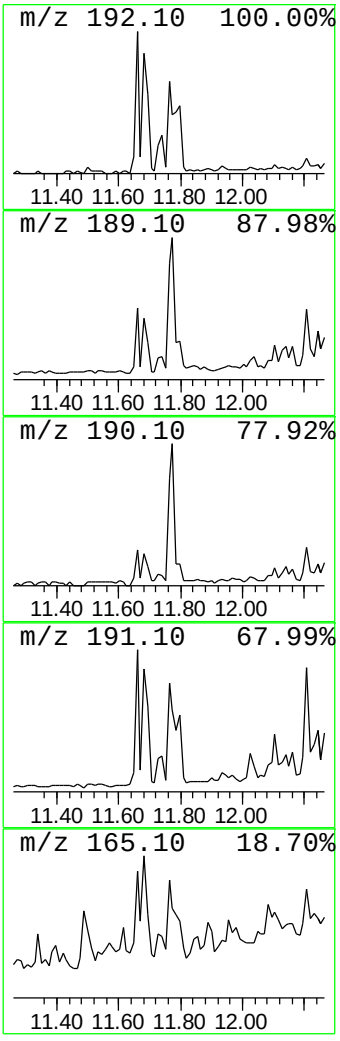
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.78 ng	184747	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46





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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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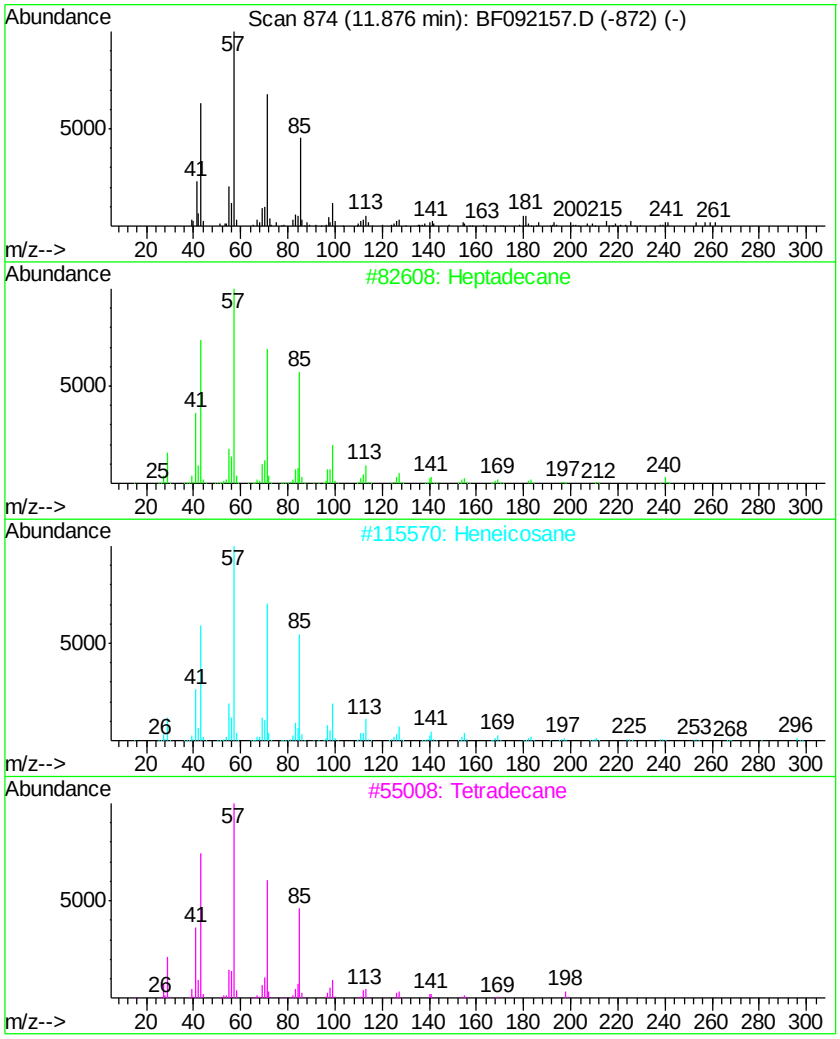
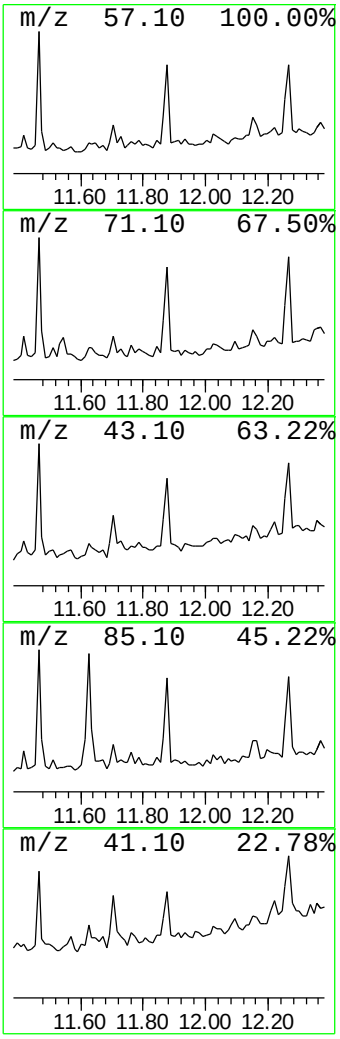
Peak Number 13 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.42 ng	118017	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59





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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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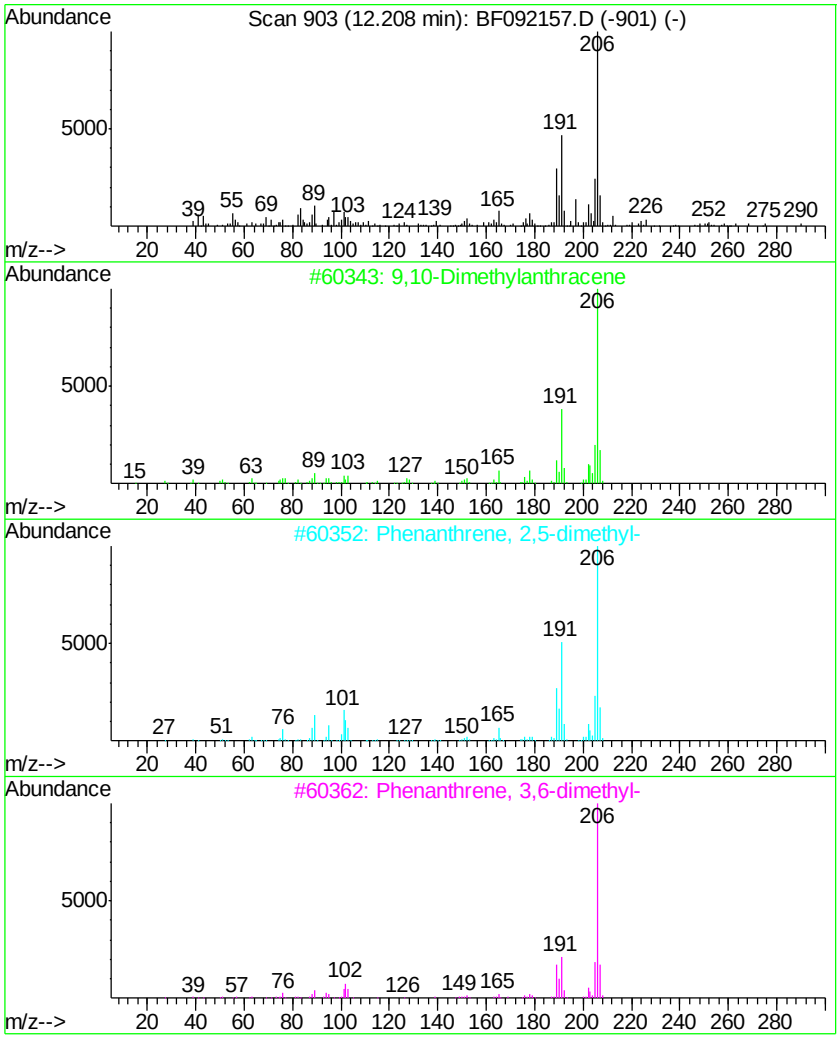
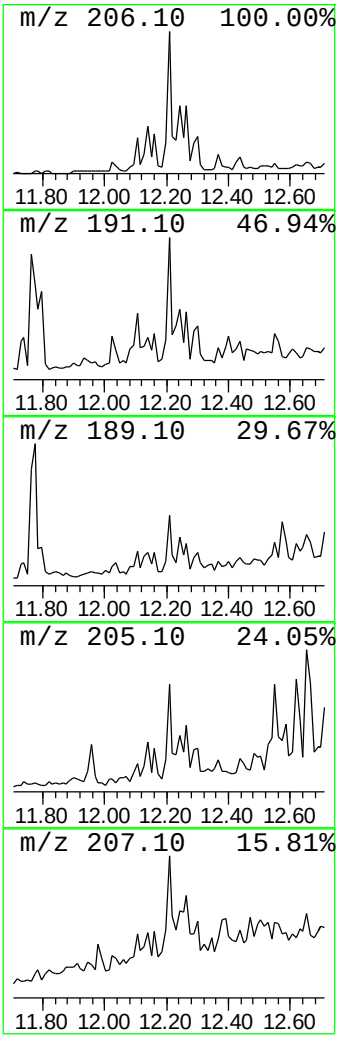
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.48 ng	121319	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89





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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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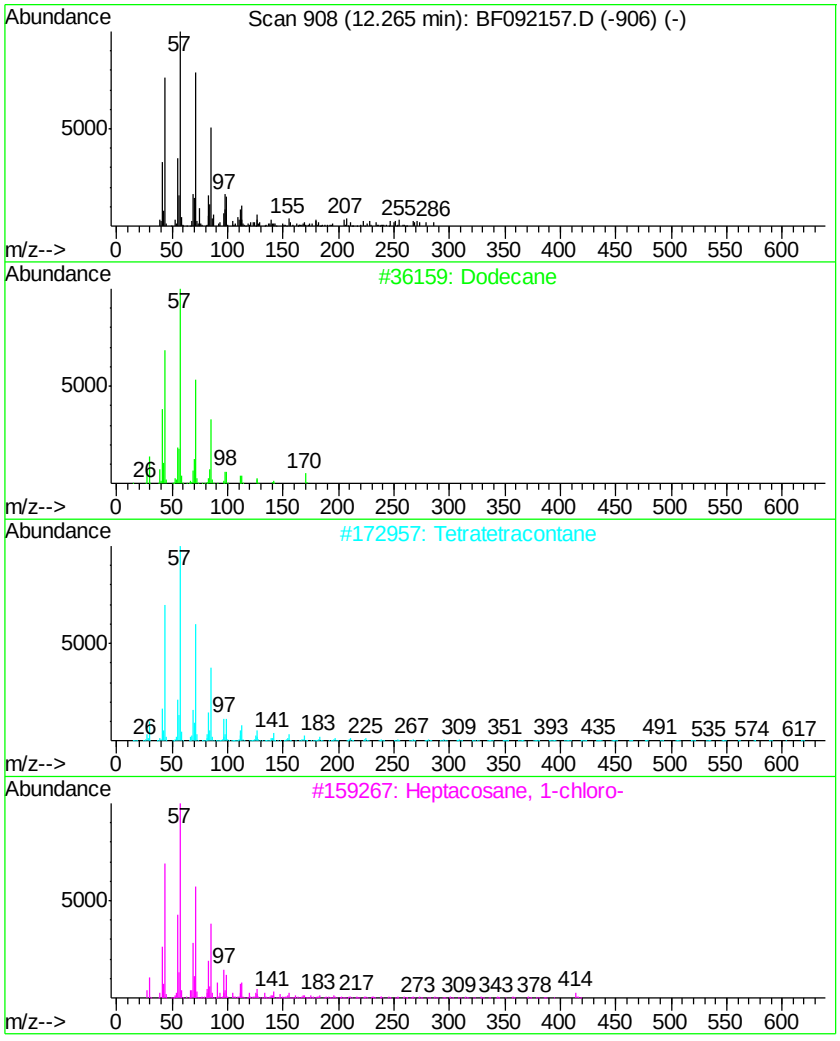
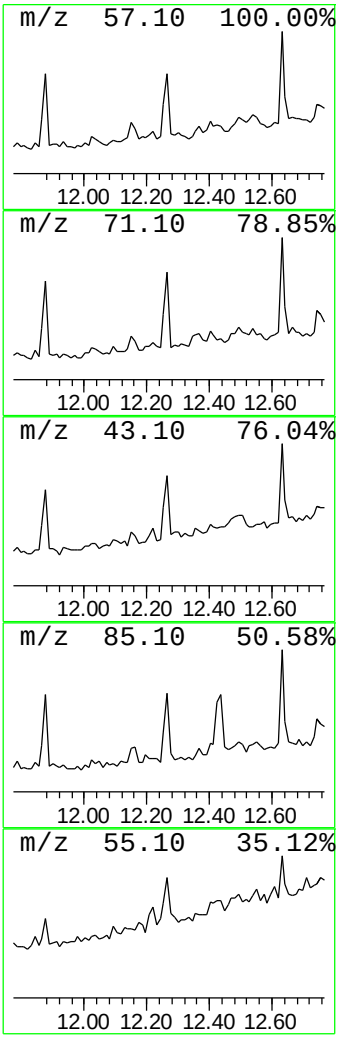
Peak Number 15 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.23 ng	157626	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Eicosane	282	C20H42	000112-95-8	87





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

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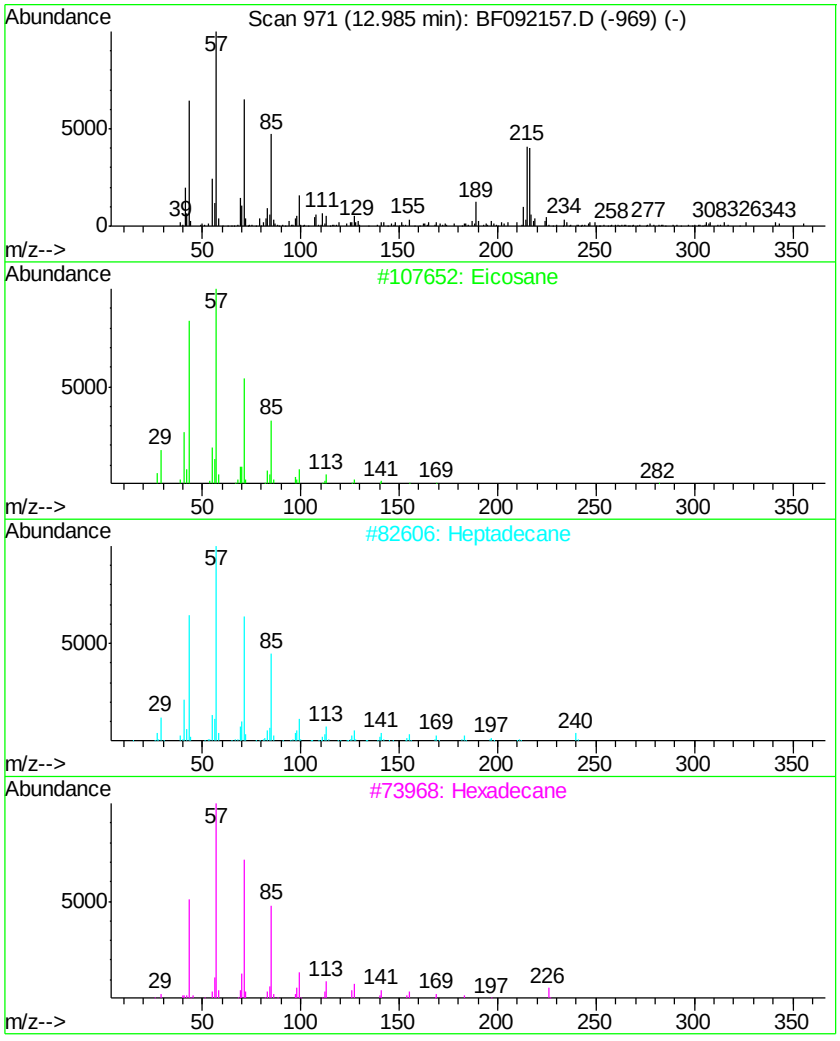
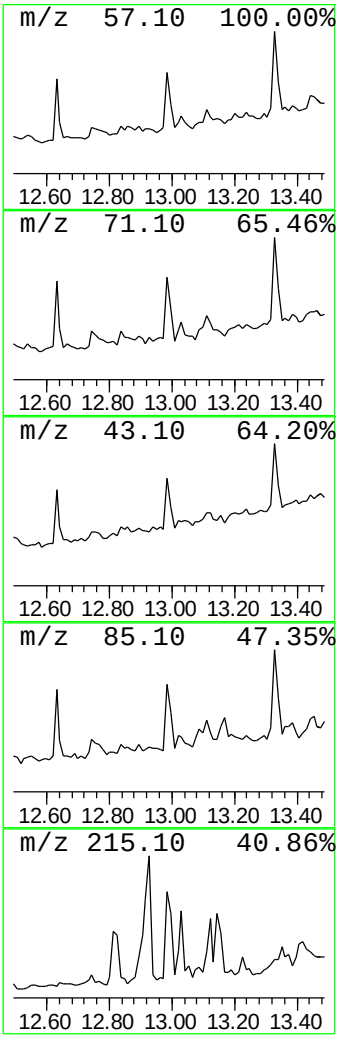
Peak Number 16 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.03 ng	189089	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	Heptadecane	240	C17H36	000629-78-7	50
3	Hexadecane	226	C16H34	000544-76-3	50
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	50
5	Octacosane	394	C28H58	000630-02-4	45





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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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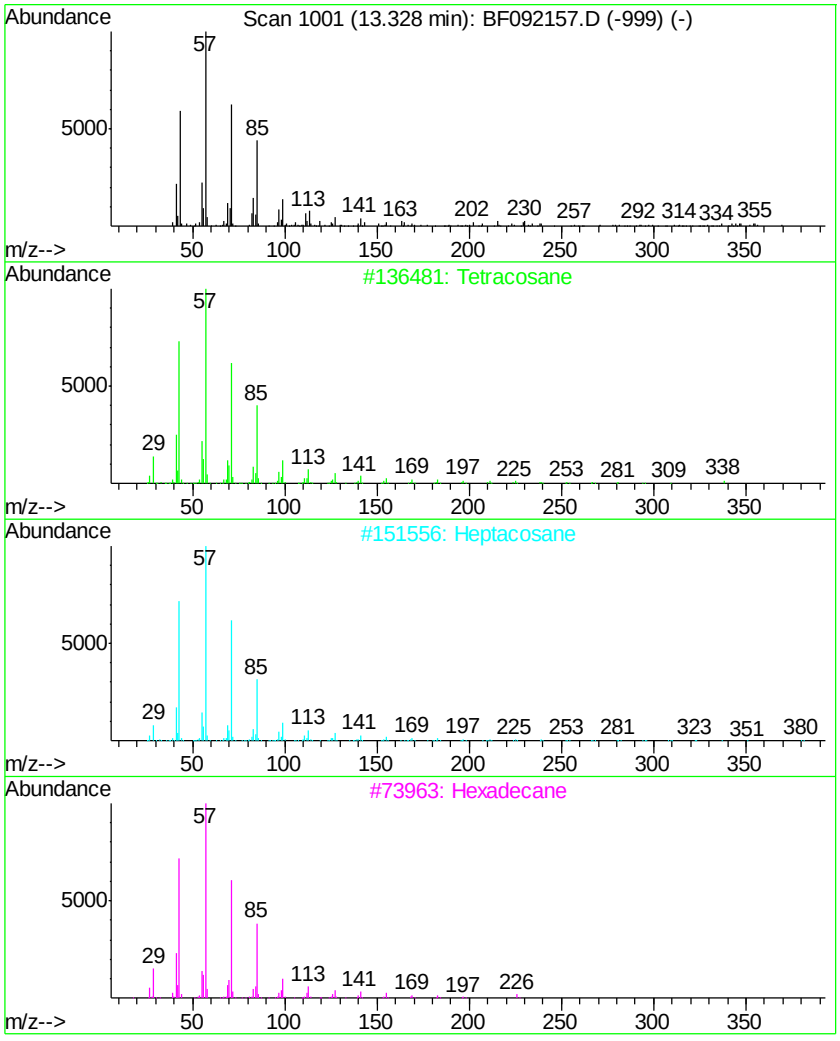
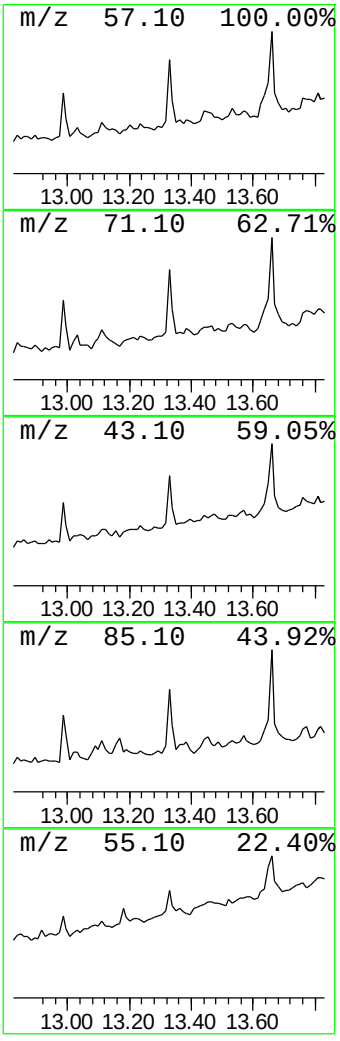
Peak Number 17 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	4.28 ng	200958	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Heptacosane	380	C27H56	000593-49-7	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Nonadecane	268	C19H40	000629-92-5	72
5	Nonacosane	408	C29H60	000630-03-5	72





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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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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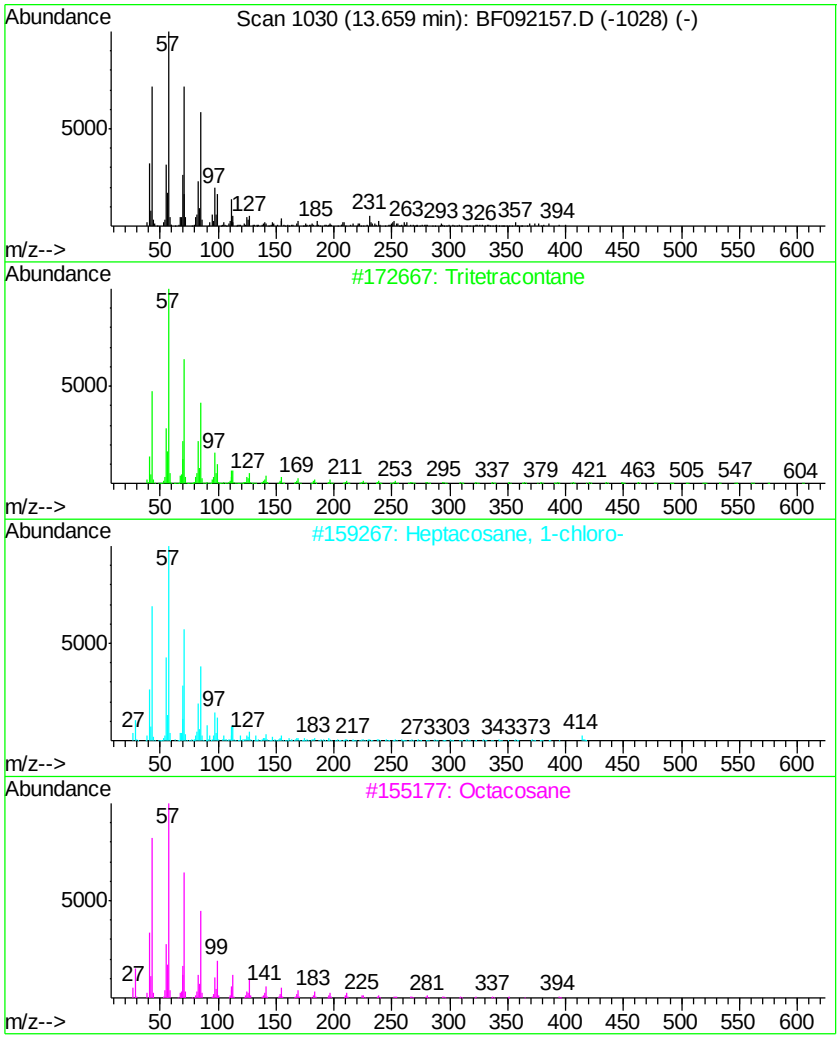
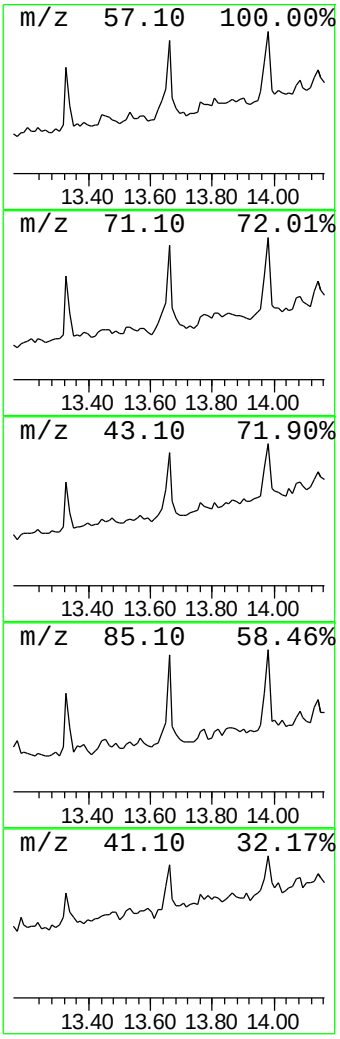
Peak Number 18 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	5.56 ng	261120	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	72
5	1-Octadecene	252	C18H36	000112-88-9	56





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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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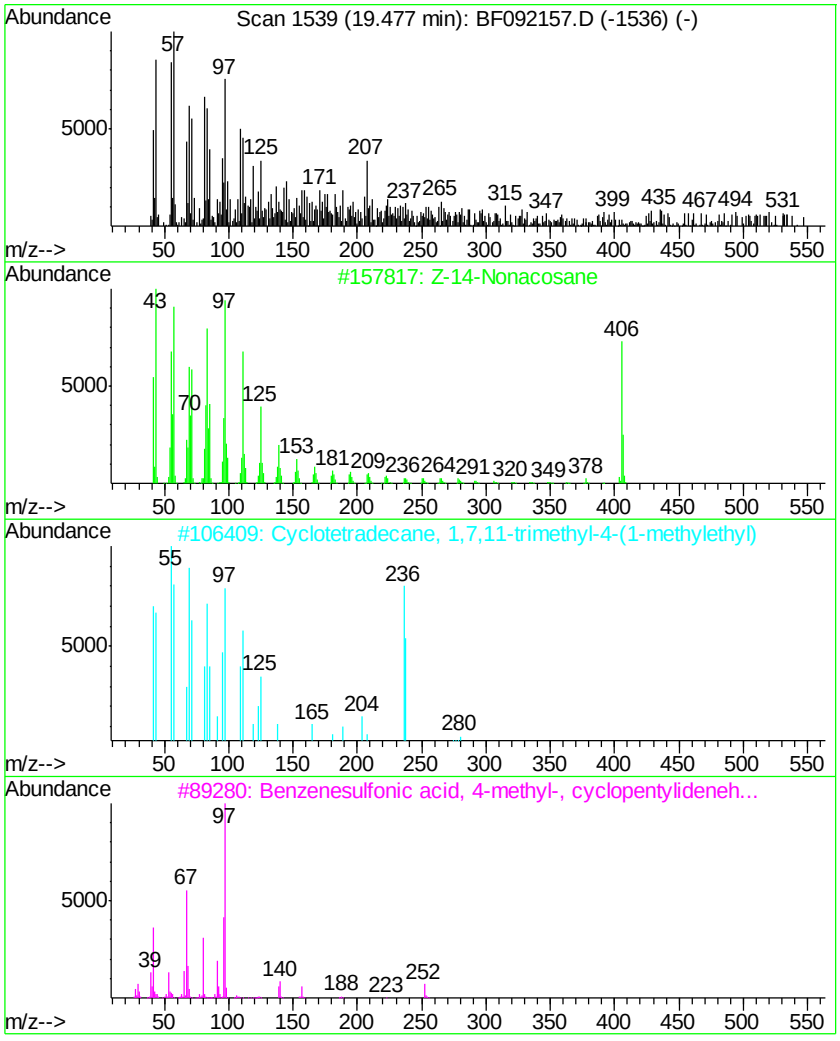
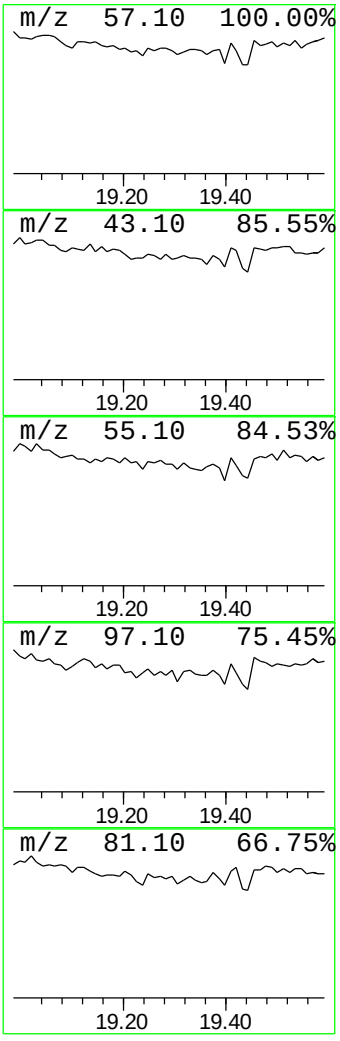
Peak Number 19 Z-14-Nonacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	13.84 ng	649732	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-14-Nonacosane	406	C29H58	1000131-18-9	78
2	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	78
3	Benzenesulfonic acid, 4-methyl-,...	252	C12H16N2O2S	017529-98-5	60
4	Cyclopropanecarboxylic acid, 2,2...	349	C22H23NO3	039515-41-8	53
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092157.D
Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	25.0	ng	992779	1	6.64	793999	20.0
unknown6.41	6.41	35.9	ng	1426640	1	6.64	793999	20.0
Hexadecane	9.10	2.5	ng	121206	3	9.68	963475	20.0
unknown9.89	9.89	3.3	ng	158067	3	9.68	963475	20.0
Tributyl phosphate	10.32	3.0	ng	143632	3	9.68	963475	20.0
Tridecane	10.60	4.3	ng	208380	4	11.16	976507	20.0
unknown10.73	10.73	7.3	ng	354891	4	11.16	976507	20.0
Undecane	11.04	3.9	ng	188000	4	11.16	976507	20.0
1,1'-Biphenyl, 2-...	11.40	3.0	ng	144987	4	11.16	976507	20.0
Heneicosane	11.46	2.4	ng	116238	4	11.16	976507	20.0
Phenanthrene, 1-m...	11.76	3.8	ng	184747	4	11.16	976507	20.0
Heptadecane	11.88	2.4	ng	118017	4	11.16	976507	20.0
9,10-Dimethylanth...	12.21	2.5	ng	121319	4	11.16	976507	20.0
Dodecane	12.27	3.2	ng	157626	4	11.16	976507	20.0
Eicosane	12.99	4.0	ng	189089	5	13.80	939127	20.0
Tetracosane	13.33	4.3	ng	200958	5	13.80	939127	20.0
Tritetracontane	13.66	5.6	ng	261120	5	13.80	939127	20.0
Z-14-Nonacosane	19.48	13.8	ng	649732	6	15.17	939127	20.0