LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF050916.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	1.735	11	13	72	rVB	2996453	6161530	100.00%	7.282%
2	4.741	274	276	287	rBV	318884	467322	7.58%	0.552%
3	5.199	314	316	326	rBV	2056465	2409639	39.11%	2.848%
4	5.599	347	351	354	rBV2	60784	105095	1.71%	0.124%
5	5.747	362	364	367	rVB	220697	222918	3.62%	0.263%
6	6.056	389	391	395	rVB	165231	173024	2.81%	0.204%
7	6.113	395	396	402	rVB4	34817	72689	1.18%	0.086%
8	6.273	408	410	415	rBV	1562944	1604325	26.04%	1.896%
9	6.387	417	420	422	rVV	3857590	4353450	70.66%	5.145%
10	6.559	432	435	437	rBV2	94498	165800	2.69%	0.196%
11	6.604	437	439	443	rVB	751356	1052389	17.08%	1.244%
12	6.765	450	453	458	rVB2	3518080	4903779	79.59%	5.796%
13	6.867	458	462	467	rVB	417866	494526	8.03%	0.584%
14	6.959	467	470	472	rBV	215679	269199	4.37%	0.318%
15	7.005	472	474	475	rVB	65058	81033	1.32%	0.096%
16	7.153	484	487	488	rBV	520172	715036	11.60%	0.845%
17	7.187	488	490	494	rVV	3435790	3930159	63.79%	4.645%
18	7.267	494	497	499	rVB3	176100	236362	3.84%	0.279%
19	7.302	499	500	504	rBV3	91927	163180	2.65%	0.193%
20	7.393	504	508	509	rBV	554307	590269	9.58%	0.698%
21	7.416	509	510	512	rVB2	137014	125037	2.03%	0.148%
22	7.462	512	514	517	rBV3	88682	123460	2.00%	0.146%
23	7.507	517	518	521	rBV2	180864	426717	6.93%	0.504%
24	7.576	521	524	527	rVB3	380333	704515	11.43%	0.833%
25	7.645	527	530	532	rBV2	806612	1223387	19.86%	1.446%
26	7.679	532	533	535	rVB2	89351	62092	1.01%	0.073%
27	7.725	535	537	540	rBV3	93534	156937	2.55%	0.185%
28	7.782	540	542	545	rBV2	88948	165901	2.69%	0.196%
29	7.896	545	552	555	rBV	1735091	2886454	46.85%	3.411%
30	7.953	555	557	558	rVB	446286	509092	8.26%	0.602%
31	7.999	558	561	562	rVB2	210511	294858	4.79%	0.348%
32	8.033	562	564	565	rBV2	57659	71823	1.17%	0.085%
33	8.056	565	566	568	rBV2	119644	178224	2.89%	0.211%
34	8.102	568	570	572	rVB	779930	943802	15.32%	1.115%

LSC Area Percent Report

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Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.148	572	574	575	rBV	629419	638306	10.36%	0.754%
36	8.182	575	577	580	rVB4	443192	625031	10.14%	0.739%
37	8.285	584	586	588	rVB	586909	655795	10.64%	0.775%
38	8.330	588	590	592	rBV	503162	865080	14.04%	1.022%
39	8.365	592	593	595	rVB2	444678	538898	8.75%	0.637%
40	8.399	595	596	598	rVB	367585	423335	6.87%	0.500%
41	8.468	598	602	603	rVB3	250364	399257	6.48%	0.472%
42	8.490	603	604	606	rBV2	361375	533630	8.66%	0.631%
43	8.559	606	610	612	rVB3	776378	867556	14.08%	1.025%
44	8.593	612	613	615	rVB	446393	435424	7.07%	0.515%
45	8.650	615	618	620	rBV3	190229	484397	7.86%	0.572%
46	8.719	620	624	629	rBV3	724662	1663249	26.99%	1.966%
47	8.810	630	632	634	rBV3	149658	138728	2.25%	0.164%
48	8.845	634	635	636	rVB	153145	105057	1.71%	0.124%
49	8.936	640	643	644	rBV2	963140	1168938	18.97%	1.382%
50	8.982	644	647	649	rVB	4732267	4786106	77.68%	5.656%
51	9.016	649	650	651	rVB	120075	82371	1.34%	0.097%
52	9.073	651	655	656	rBV3	294237	560259	9.09%	0.662%
53	9.130	656	660	663	rVB2	468361	1079400	17.52%	1.276%
54	9.233	667	669	672	rBV3	279093	620634	10.07%	0.733%
55	9.313	672	676	680	rBV3	377397	1078032	17.50%	1.274%
56	9.382	680	682	685	rBV2	915061	1041484	16.90%	1.231%
57	9.428	685	686	689	rVB2	414707	534794	8.68%	0.632%
58	9.531	691	695	696	rVB3	101913	217312	3.53%	0.257%
59	9.565	696	698	699	rVB	178419	208304	3.38%	0.246%
60	9.599	699	701	702	rBV	134500	186316	3.02%	0.220%
61	9.645	702	705	707	rBV	1397651	1802375	29.25%	2.130%
62	9.759	713	715	717	rVB2	443978	572081	9.28%	0.676%
63	9.805	717	719	721	rBV3	143496	319072	5.18%	0.377%
64	9.851	721	723	725	rVV	666305	809807	13.14%	0.957%
65	9.919	725	729	731	rVB2	320206	624071	10.13%	0.738%
66	9.965	731	733	736	rBV2	591445	935448	15.18%	1.106%
67	10.079	742	743	745	rVB2	190653	197314	3.20%	0.233%
68	10.193	751	753	754	rBV2	438210	509010	8.26%	0.602%
69	10.262	756	759	761	rVV	789345	1312673	21.30%	1.551%
70	10.308	761	763	765	rVV	978947	1175059	19.07%	1.389%
71	10.353	765	767	769	rVB2	258161	447708	7.27%	0.529%

LSC Area Percent Report

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Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.399	769	771	772	rBV	238112	359043	5.83%	0.424%
73	10.445	772	775	776	rVV	2931488	3707140	60.17%	4.381%
74	10.468	776	777	780	rVB3	420790	578857	9.39%	0.684%
75	10.525	780	782	784	rBV2	114667	215812	3.50%	0.255%
76	10.571	784	786	789	rVV2	1037823	1643631	26.68%	1.943%
77	10.639	789	792	793	rBV3	112959	187055	3.04%	0.221%
78	10.765	802	803	807	rVB2	481715	578833	9.39%	0.684%
79	10.982	820	822	825	rBV4	125490	228441	3.71%	0.270%
80	11.039	825	827	830	rVB	989964	1046483	16.98%	1.237%
81	11.131	832	835	836	rBV	1007461	1268227	20.58%	1.499%
82	11.245	843	845	846	rBV2	219155	244832	3.97%	0.289%
83	11.382	856	857	861	rVB	236213	289852	4.70%	0.343%
84	11.451	861	863	864	rBV2	93451	106587	1.73%	0.126%
85	11.679	882	883	886	rBV3	191226	185659	3.01%	0.219%
86	11.816	893	895	896	rBV2	92465	94950	1.54%	0.112%
87	11.896	900	902	904	rBV2	239073	246061	3.99%	0.291%
88	12.068	916	917	919	rBV2	81285	102733	1.67%	0.121%
89	12.102	919	920	924	rVB2	169107	252830	4.10%	0.299%
90	12.171	924	926	932	rVB	306585	513450	8.33%	0.607%
91	12.262	932	934	936	rBV2	73460	120044	1.95%	0.142%
92	12.457	949	951	953	rBV2	82963	84155	1.37%	0.099%
93	12.548	957	959	961	rVB3	128017	178534	2.90%	0.211%
94	12.617	964	965	969	rVB2	89974	117623	1.91%	0.139%
95	12.719	971	974	976	rBV	3774497	5215155	84.64%	6.164%
96	13.611	1050	1052	1062	rVB	267879	381434	6.19%	0.451%
97	13.748	1062	1064	1067	rBV	1081672	1086066	17.63%	1.284%
98	14.537	1130	1133	1137	rVB3	36451	77538	1.26%	0.092%
99	15.108	1180	1183	1186	rBV	713101	815915	13.24%	0.964%

Sum of corrected areas: 84613274

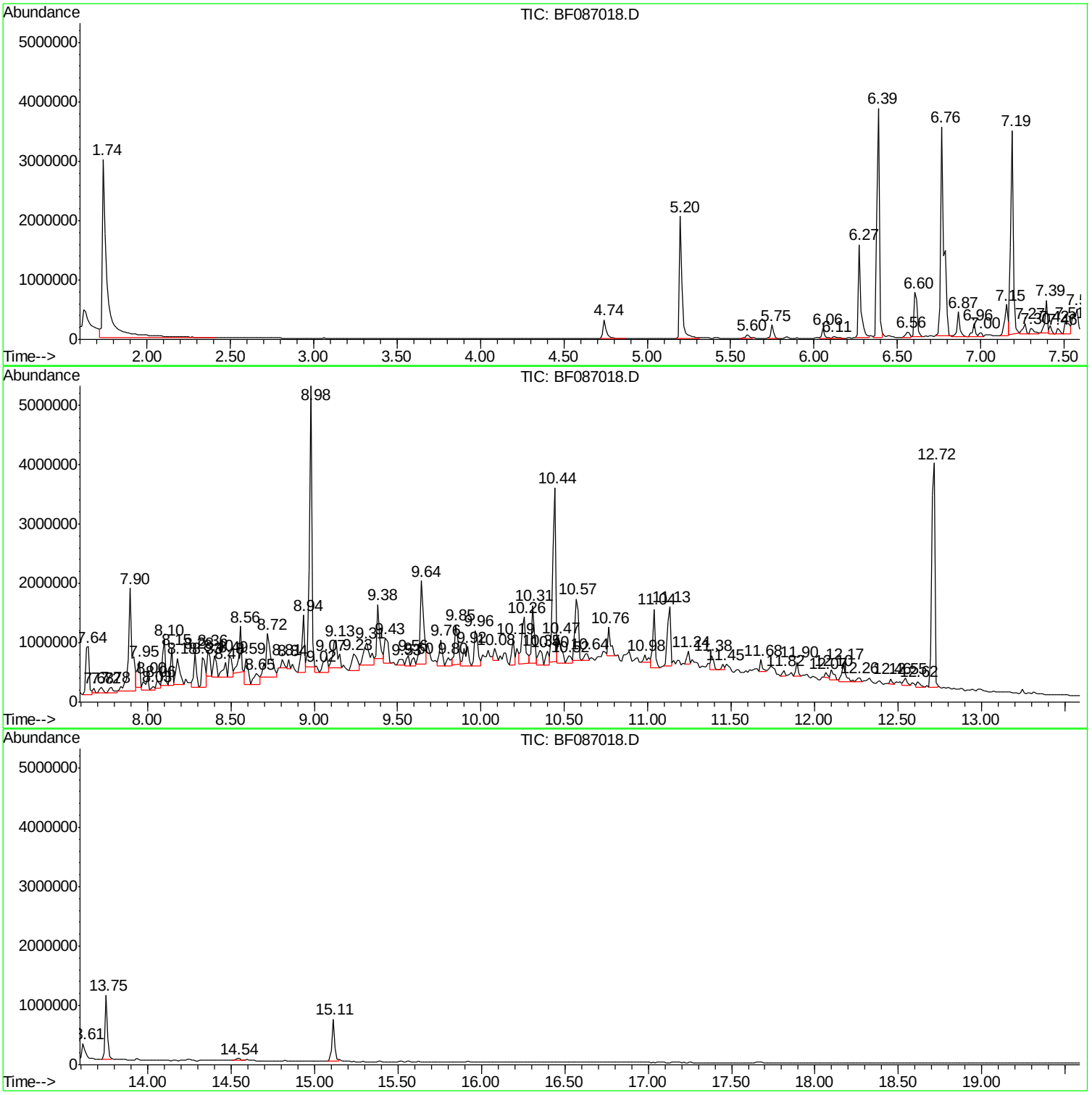
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

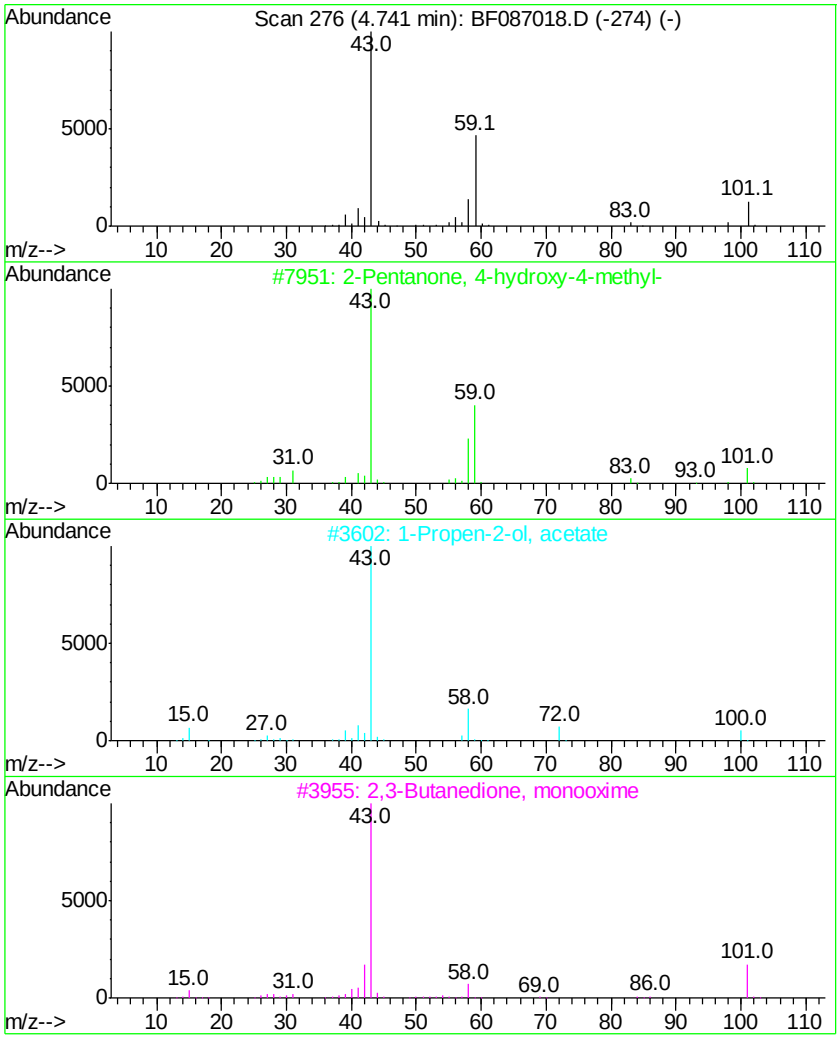
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

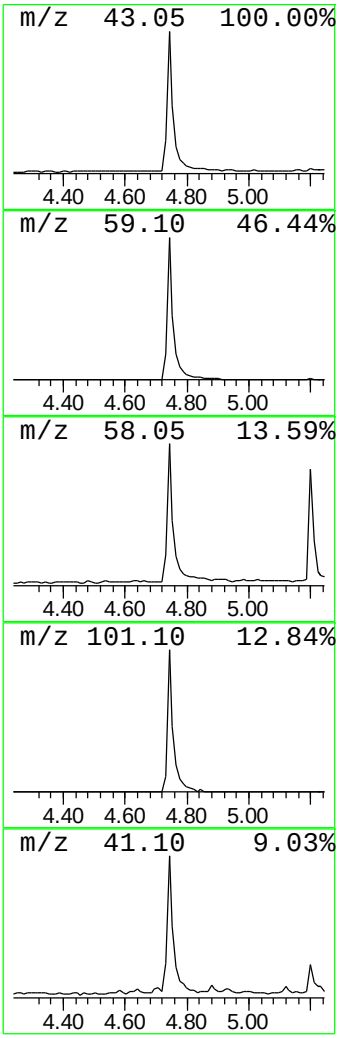
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	8.88 ng	467322	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

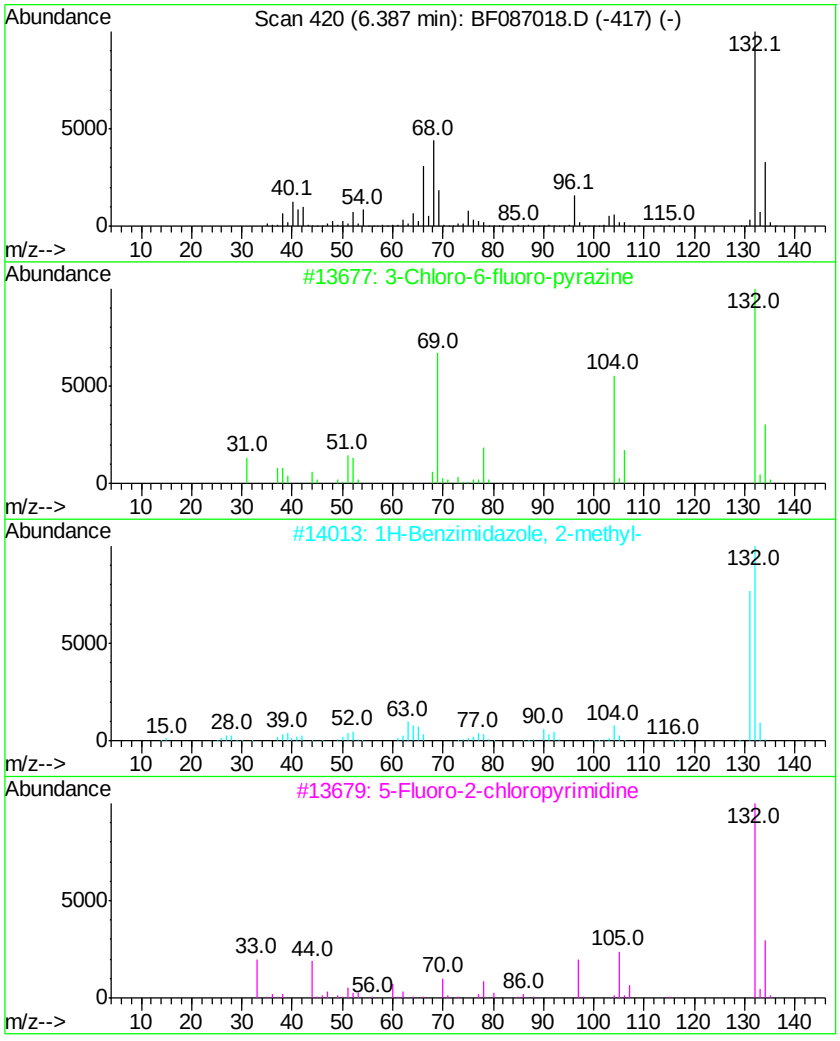
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

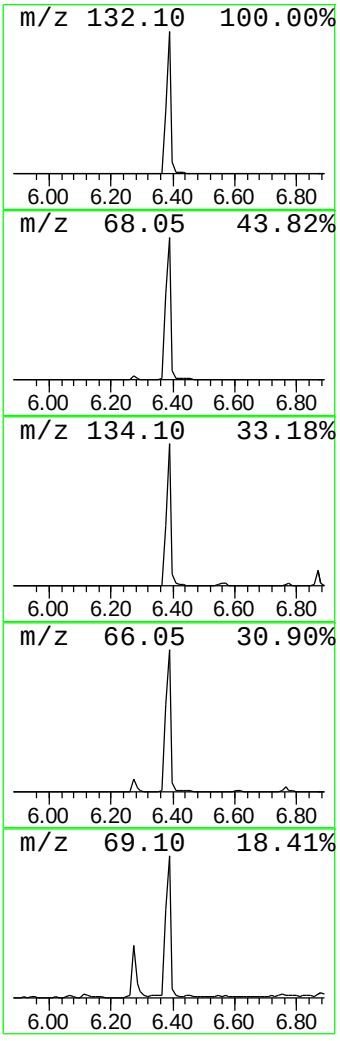
****

Peak Number 3 unknown6.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	82.73 ng	4353450	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
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Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

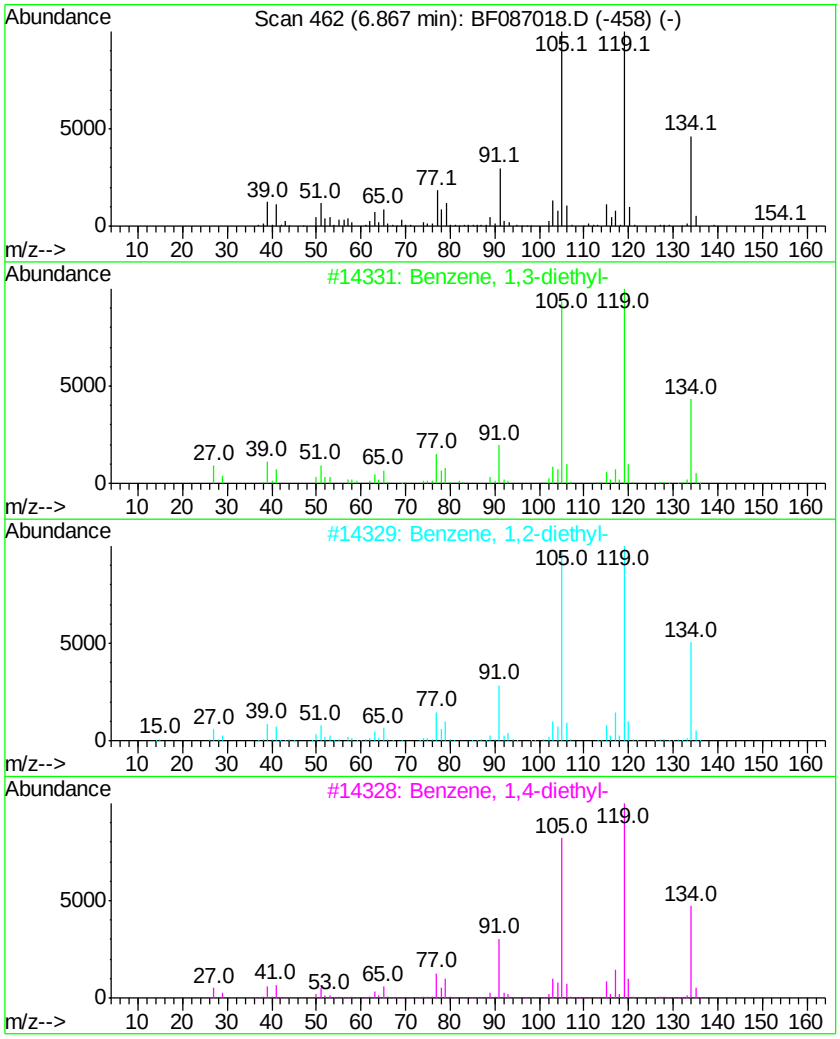
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

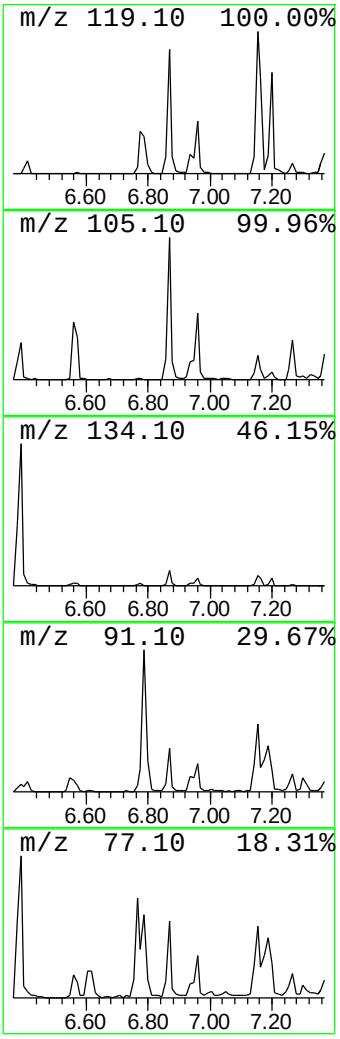
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	9.40 ng	494526	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

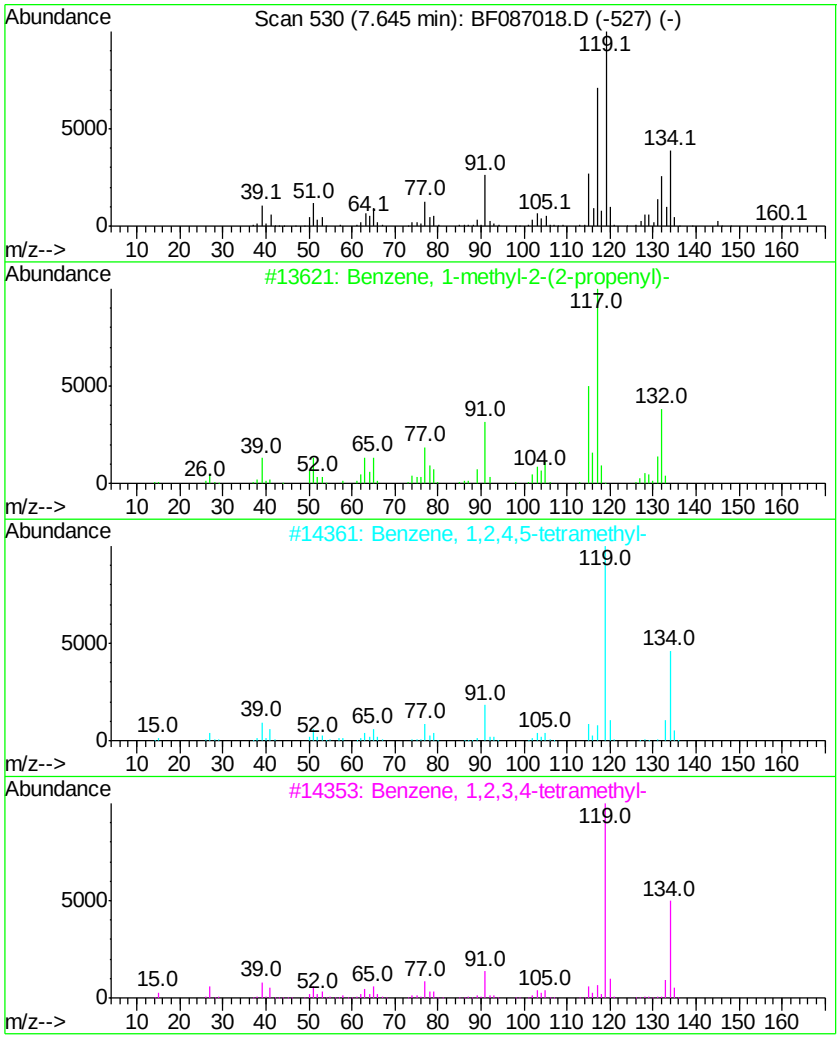
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

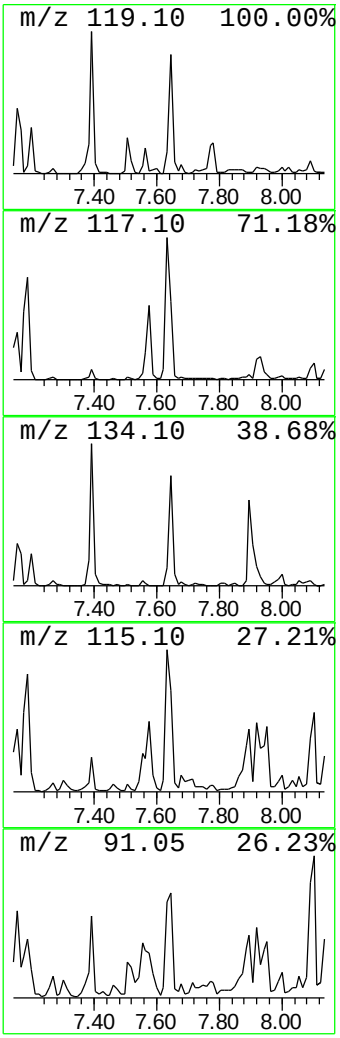
****

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	8.48 ng	1223390	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

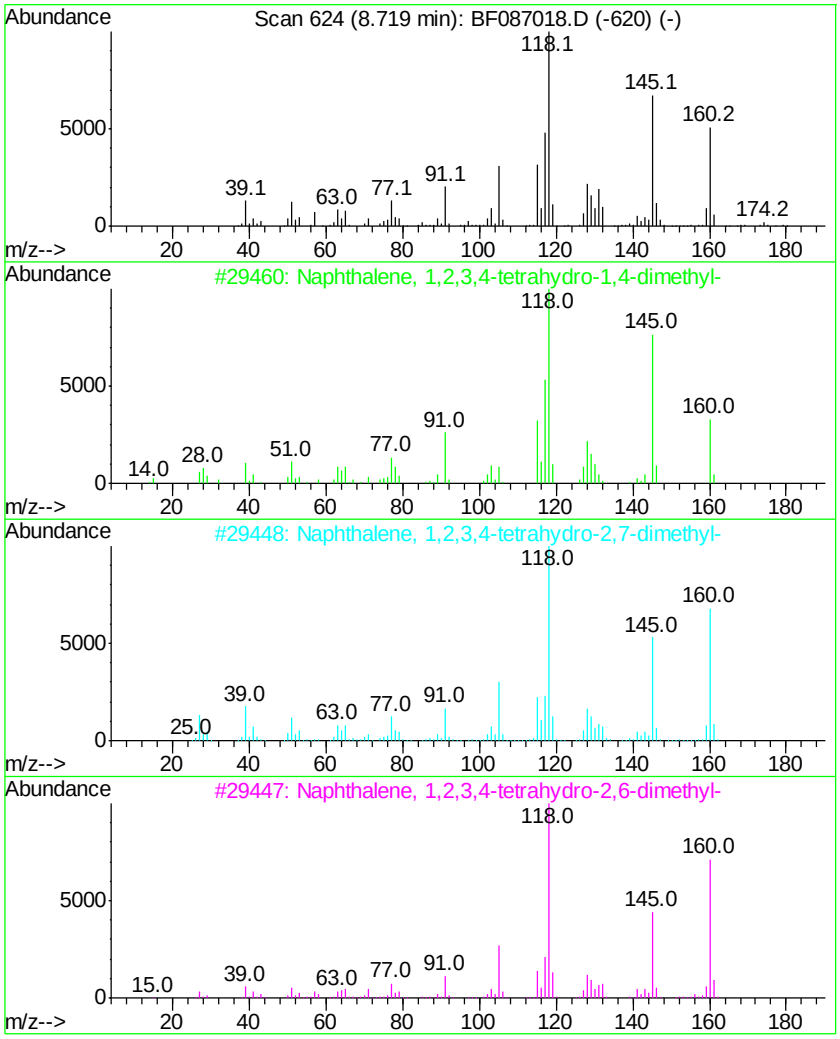
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

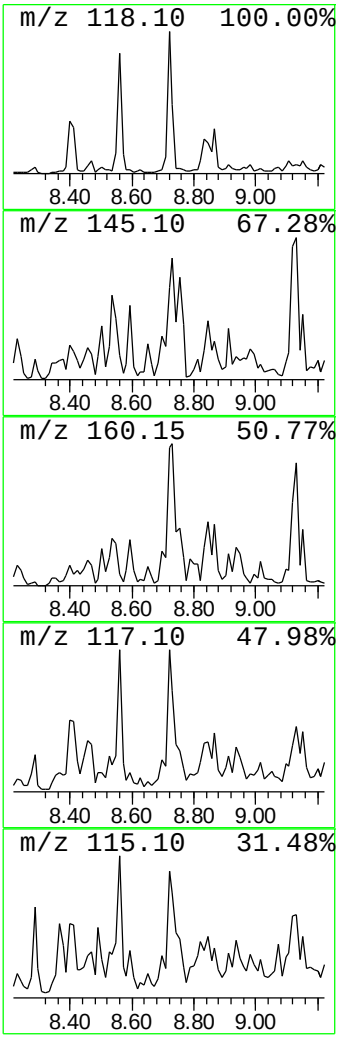
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	11.52 ng	1663250	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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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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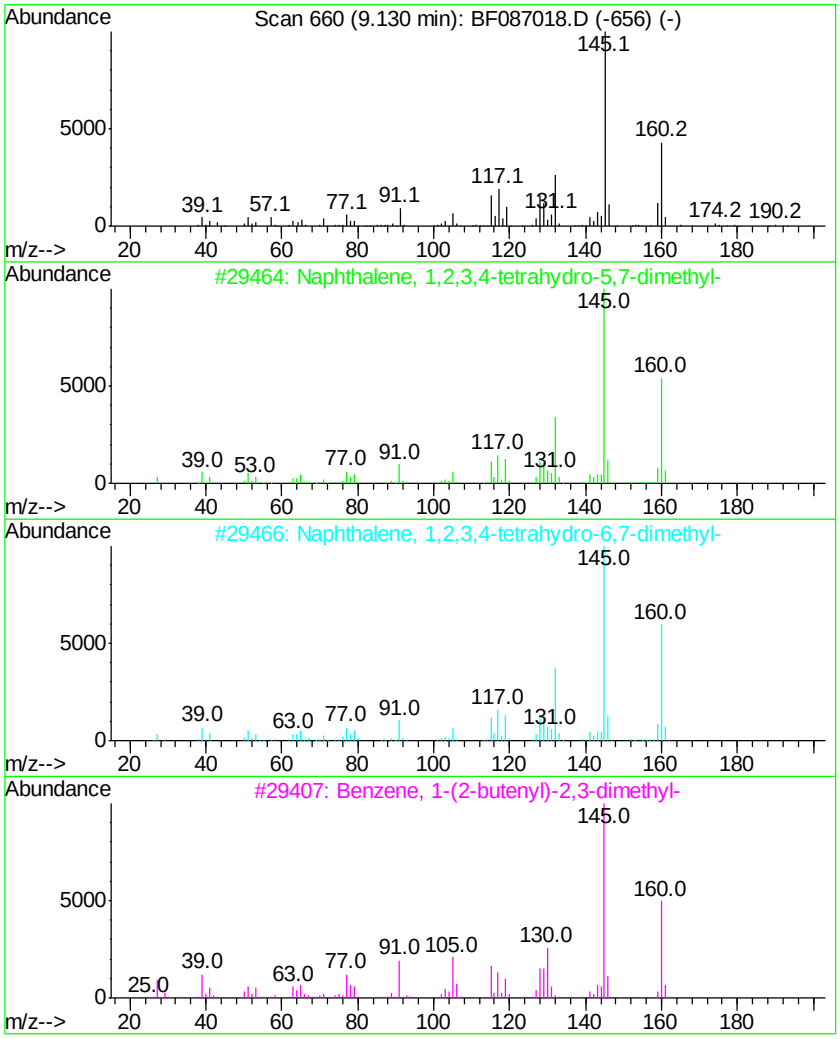
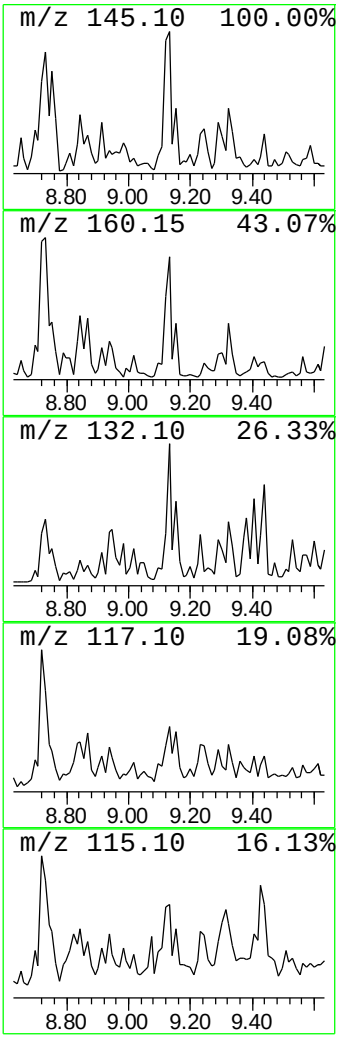
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	11.98 ng	1079400	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	89
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87





Library Search Compound Report

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Sample : H2990-03
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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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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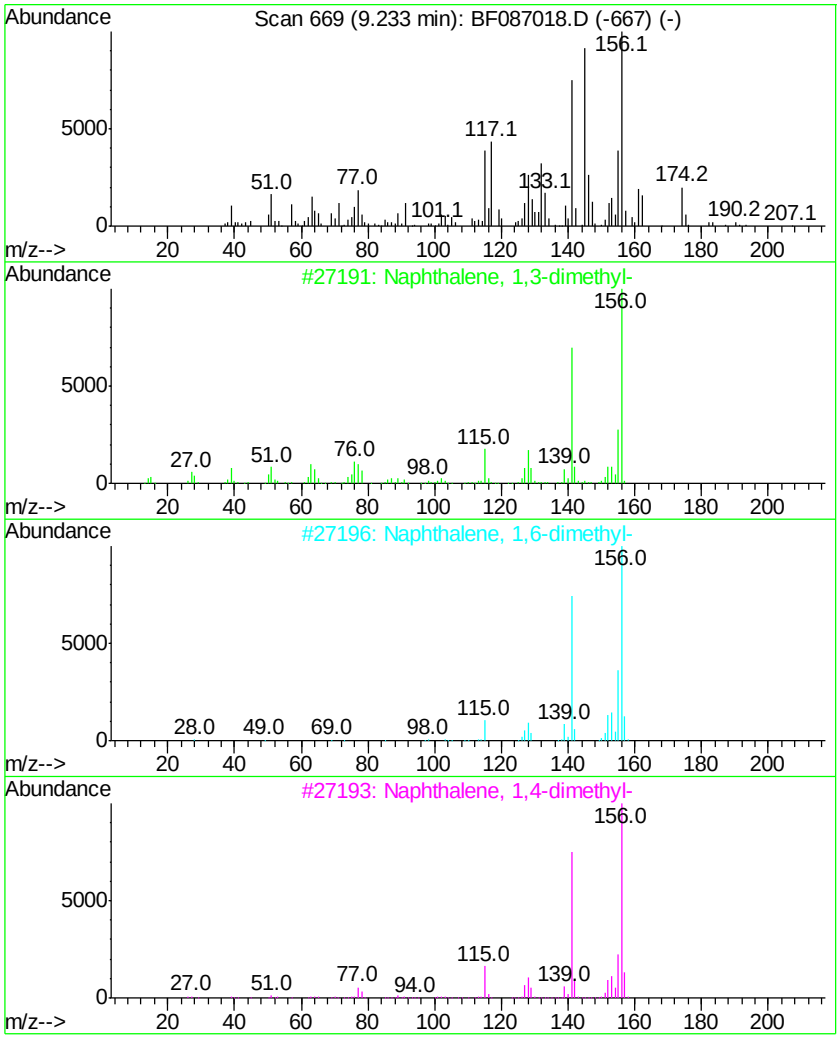
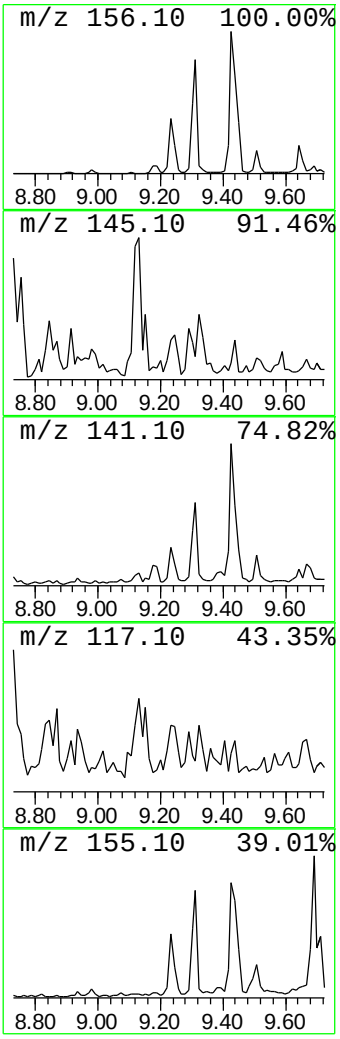
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	6.89 ng	620634	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	64
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	62





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Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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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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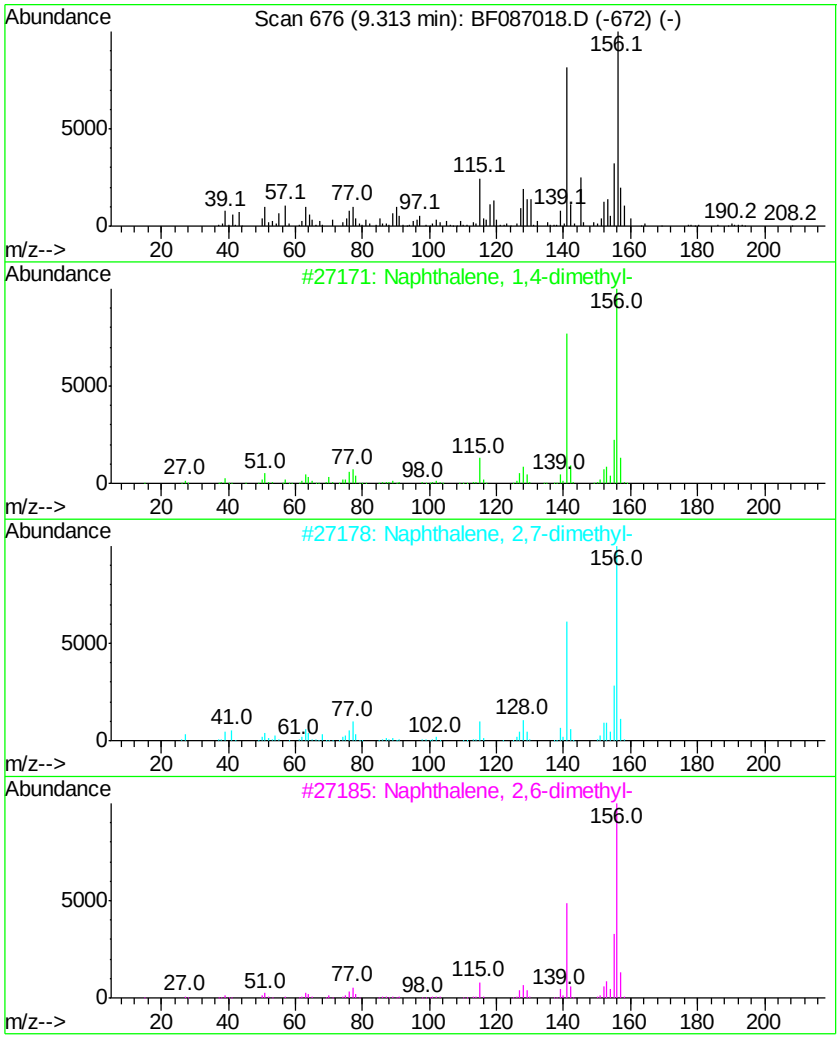
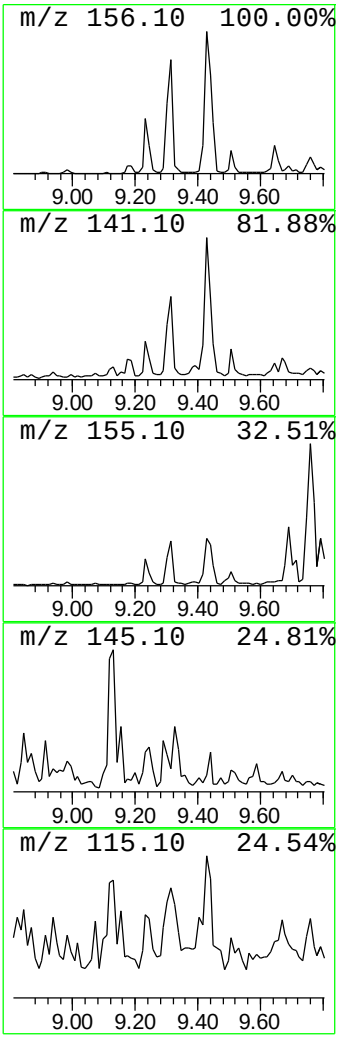
Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	11.96 ng	1078030	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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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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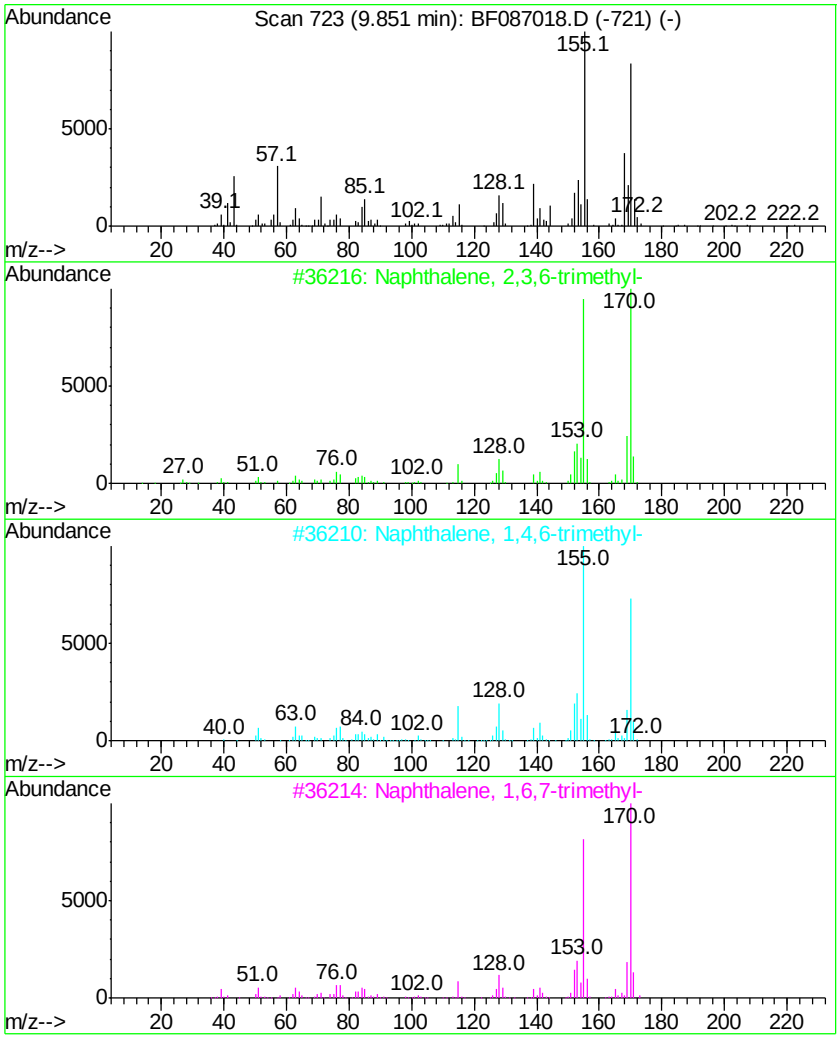
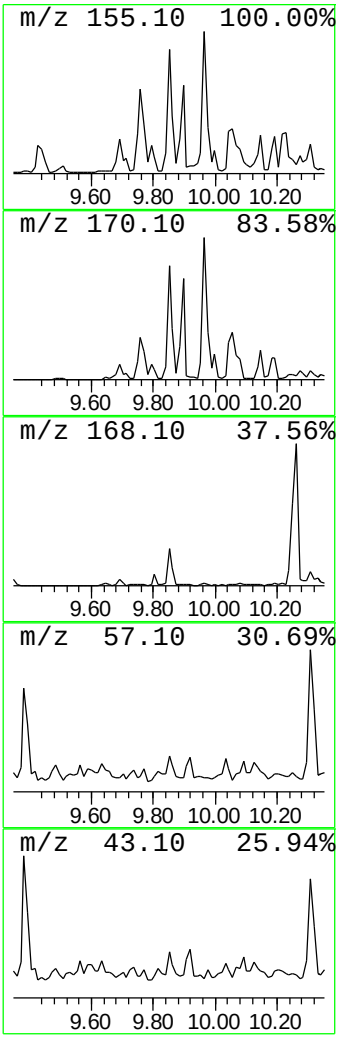
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	8.99 ng	809807	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	95
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Misc :
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ClientSampleId : OWL-C5-GW

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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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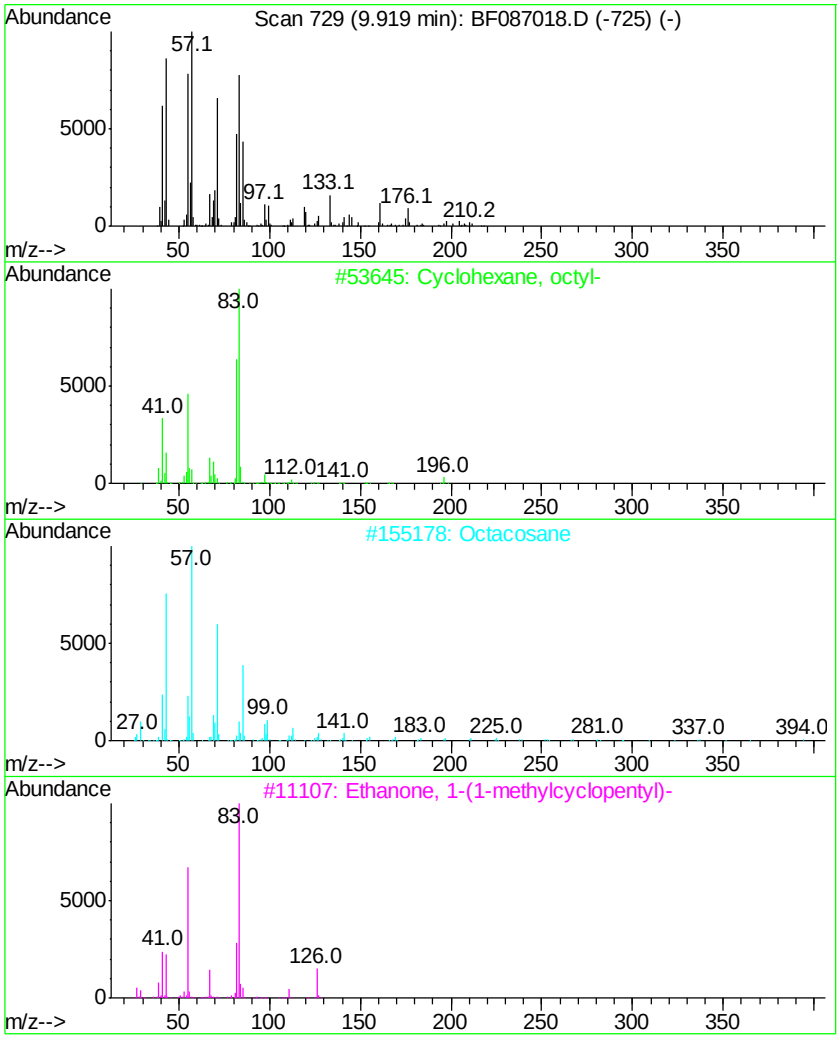
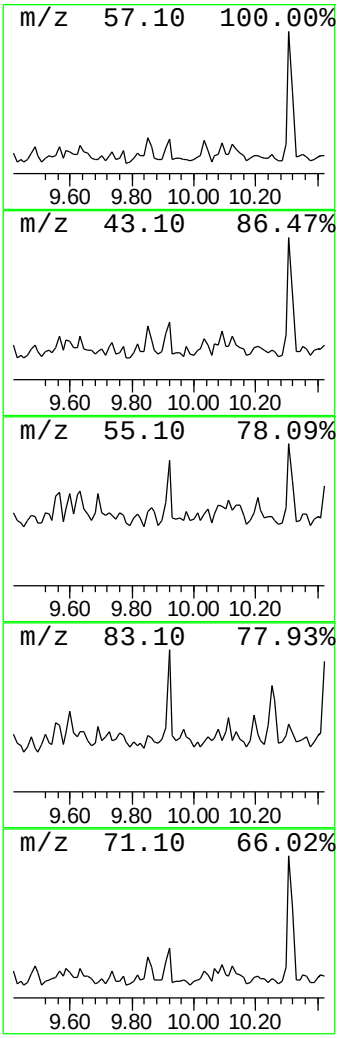
Peak Number 12 unknown9.92 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.92 ng	624071	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	38
2	Octacosane	394	C28H58	000630-02-4	30
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	27
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	25
5	Hexadecane	226	C16H34	000544-76-3	25





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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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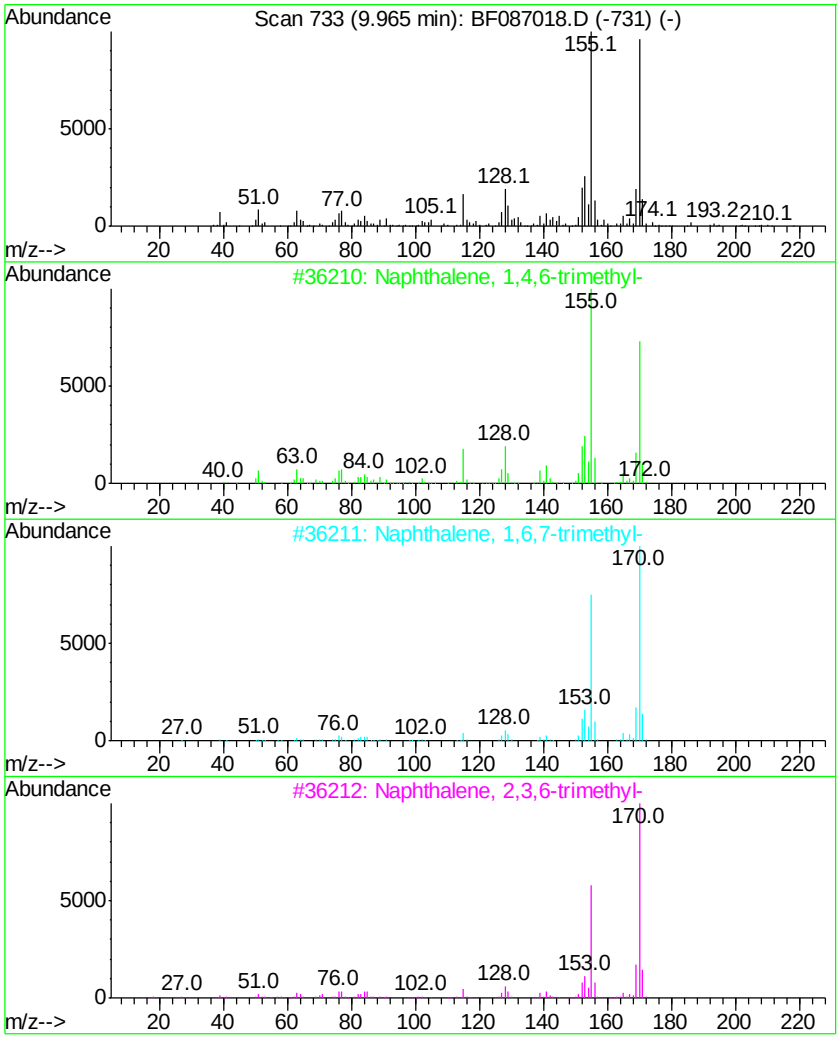
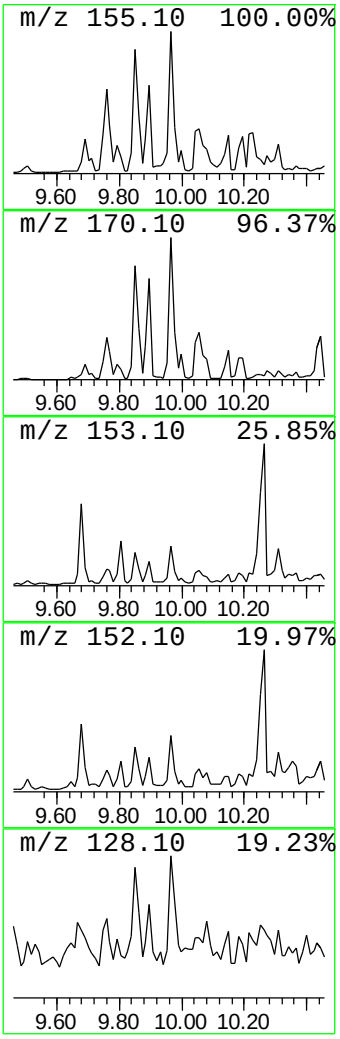
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	10.38 ng	935448	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91





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Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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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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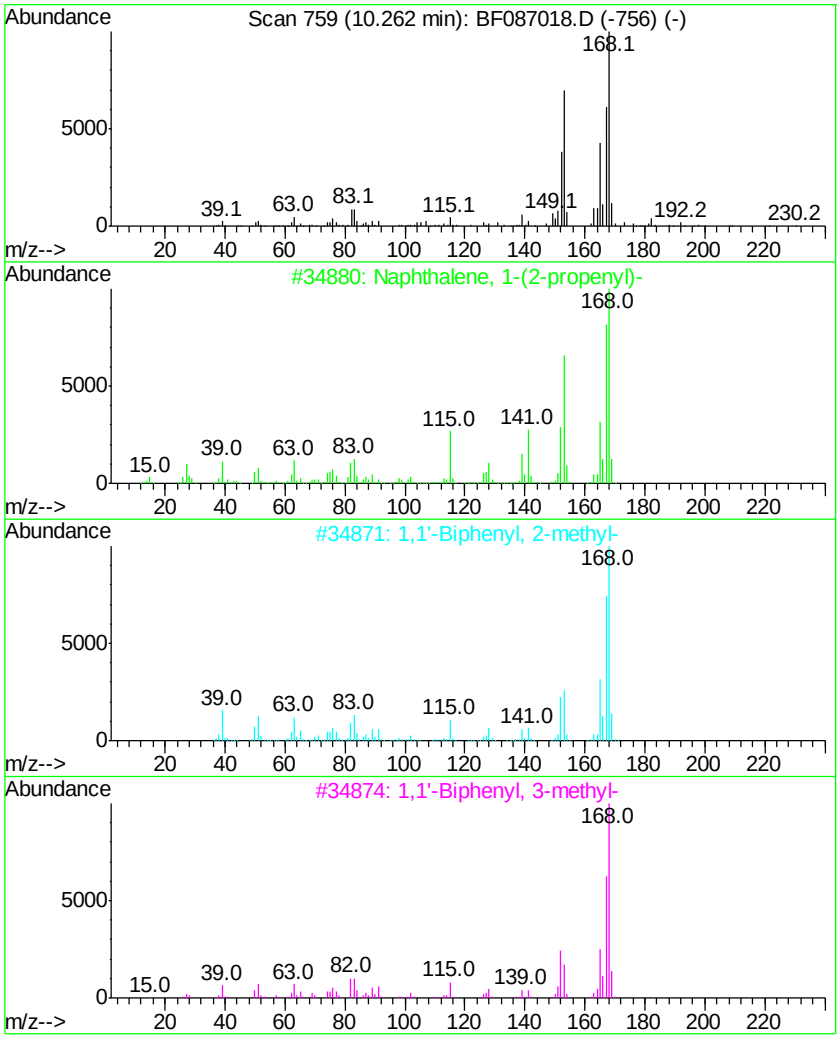
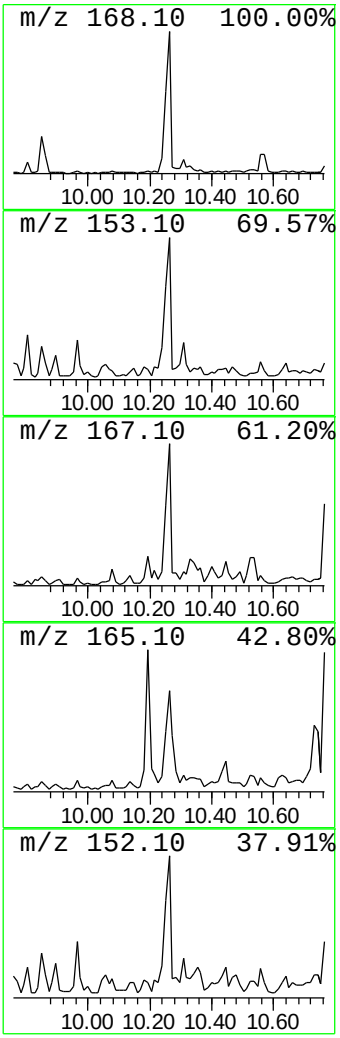
Peak Number 14 Naphthalene, 1-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	14.57 ng	1312670	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	59
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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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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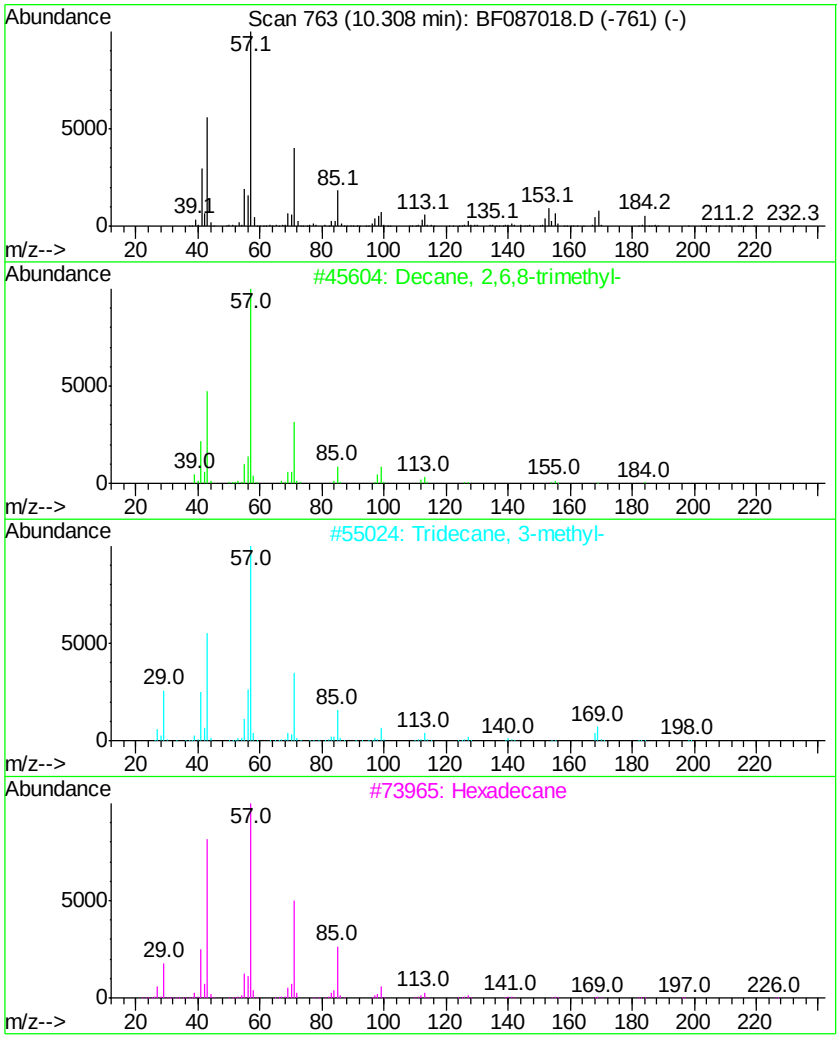
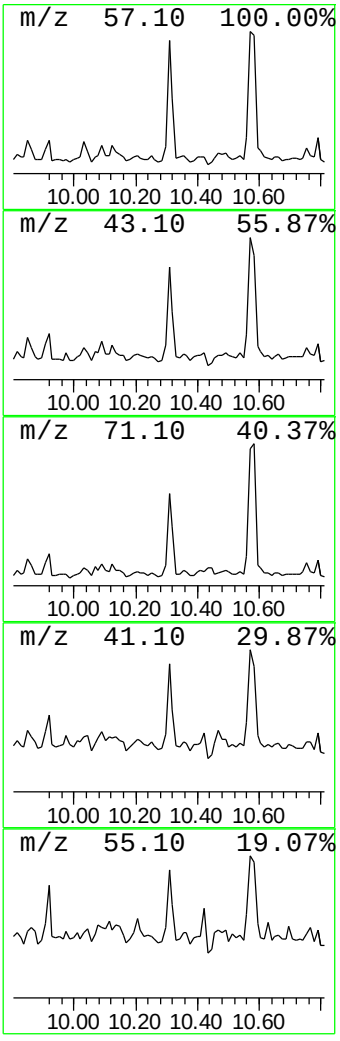
Peak Number 15 Decane, 2,6,8-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	13.04 ng	1175060	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Hexadecane	226	C16H34	000544-76-3	52
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
5	Eicosane	282	C20H42	000112-95-8	46





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ClientSampleId : OWL-C5-GW

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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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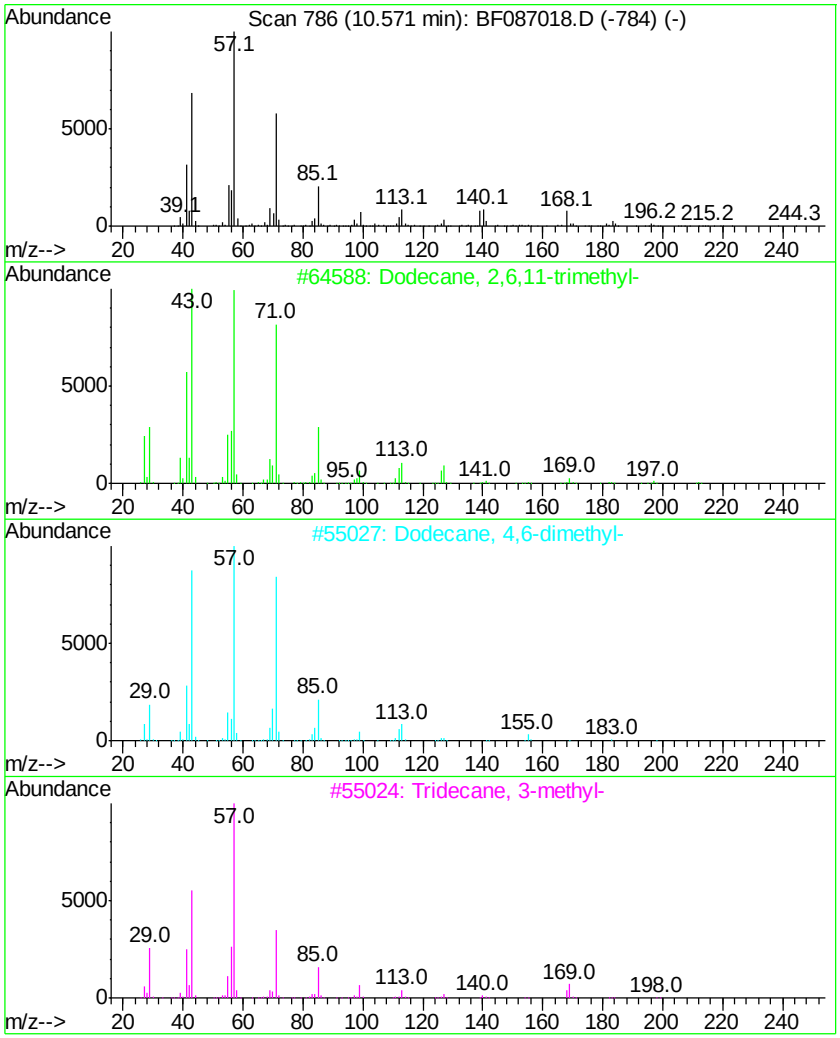
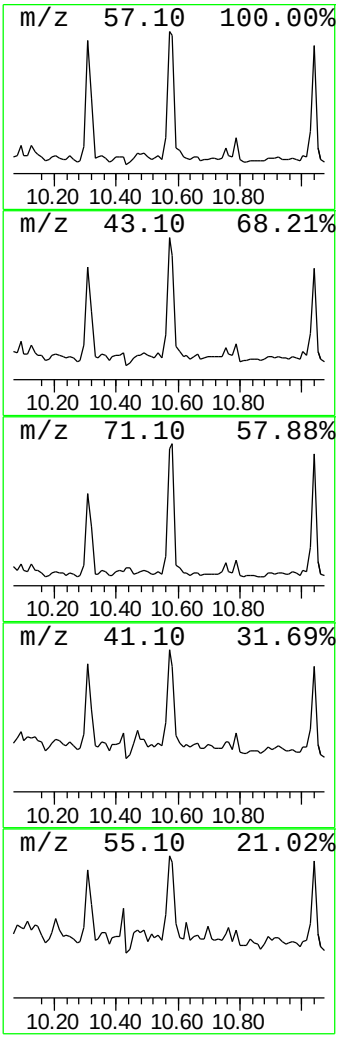
Peak Number 16 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	25.92 ng	1643630	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





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TIC Library : C:\DATABASE\NIST02.L
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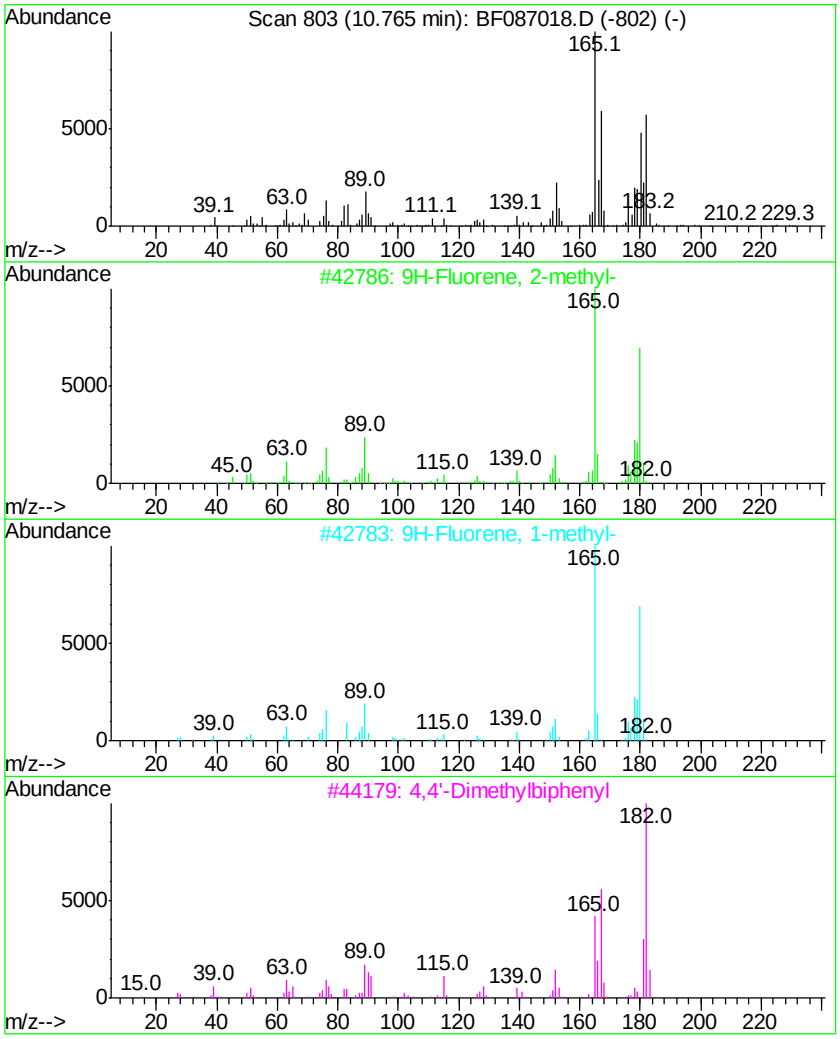
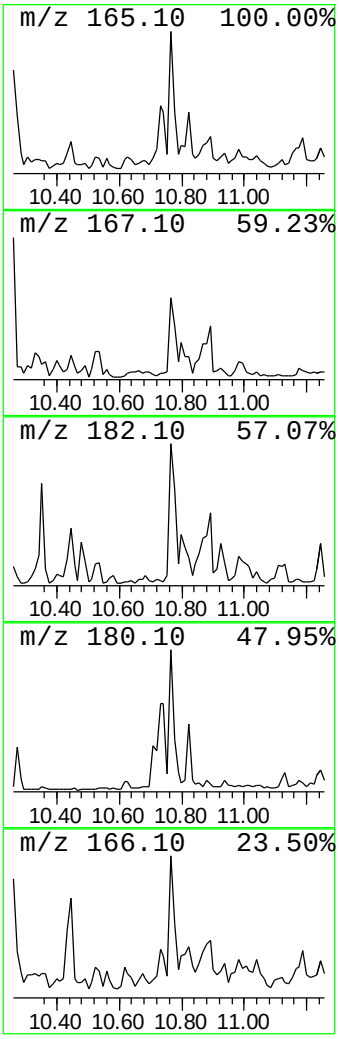
Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	9.13 ng	578833	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	78
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	53
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50





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

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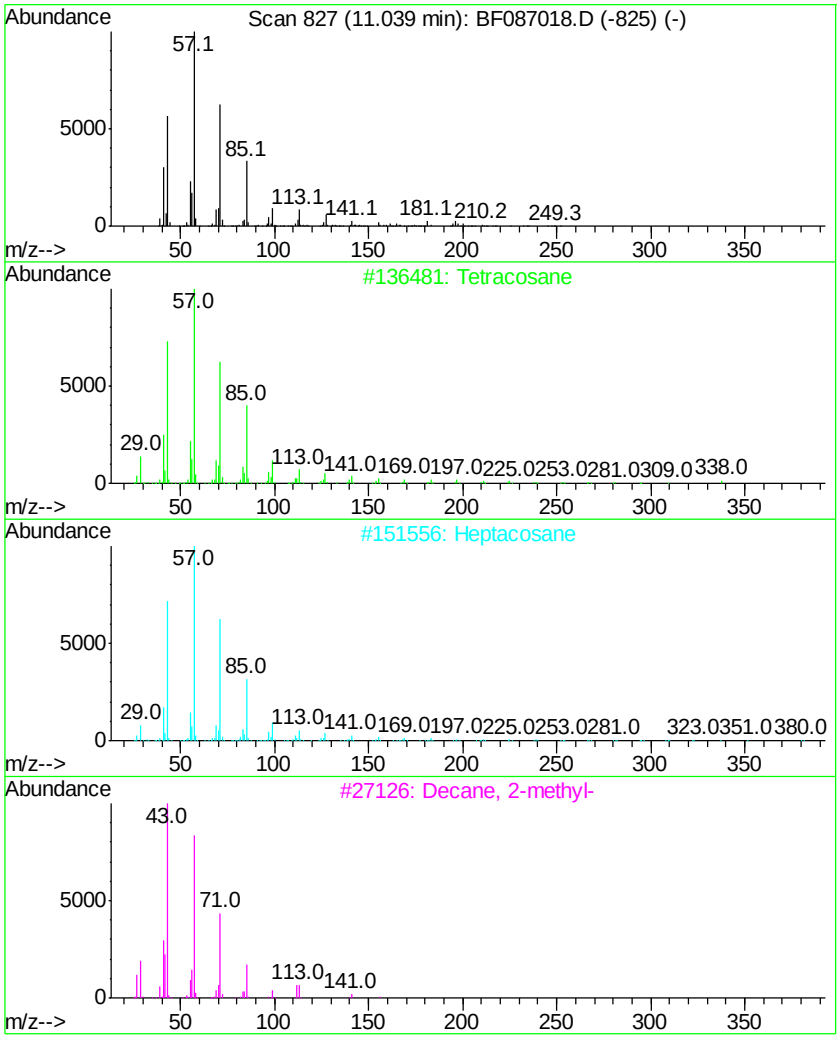
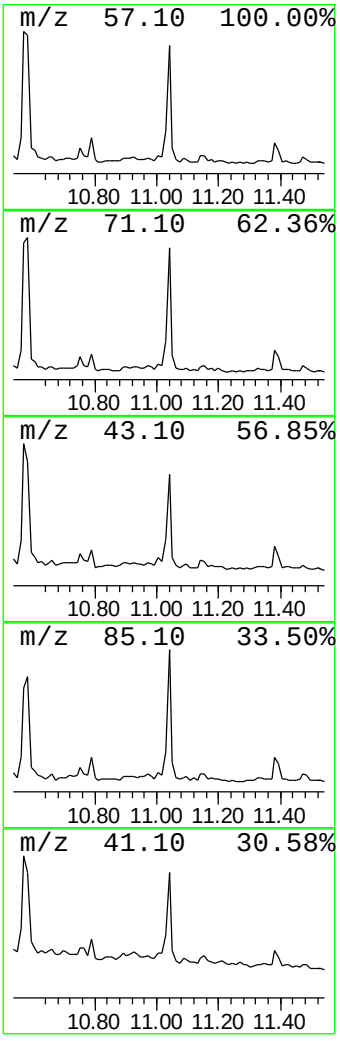
Peak Number 18 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	16.50 ng	1046480	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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ClientSampleId : OWL-C5-GW

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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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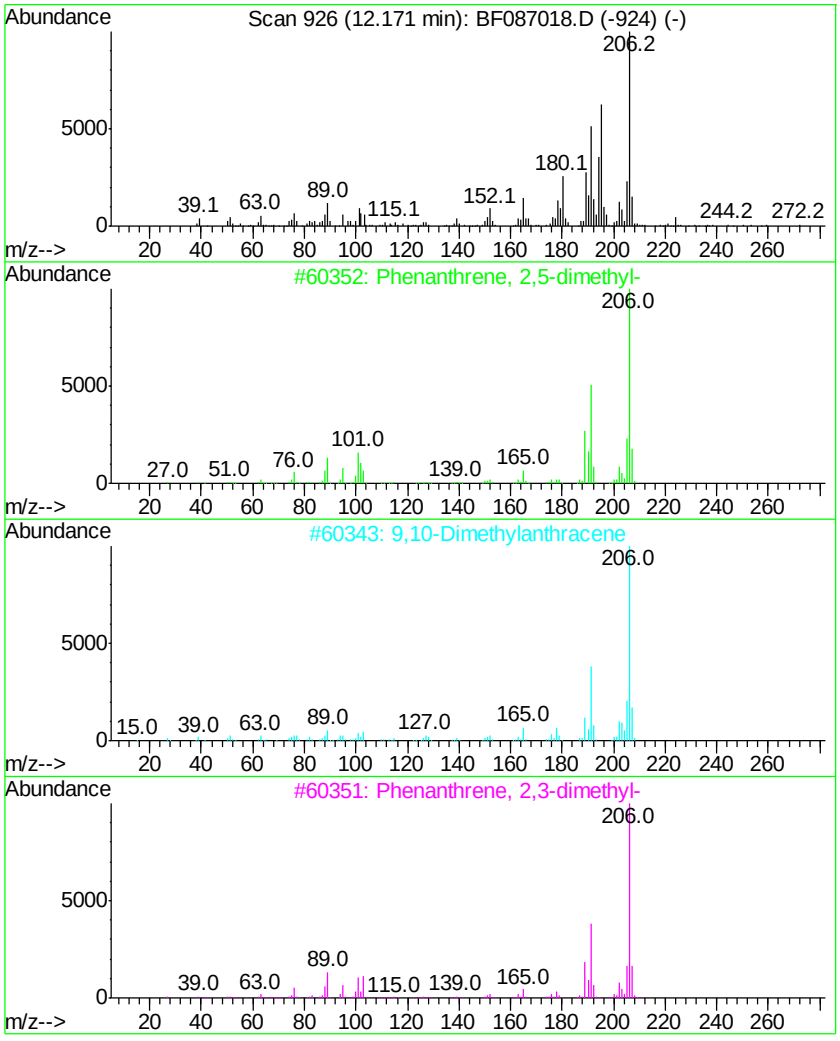
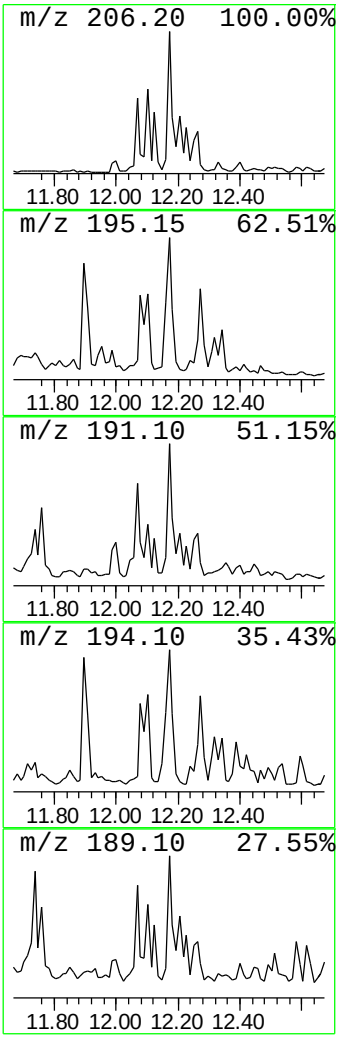
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	8.10 ng	513450	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	78
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

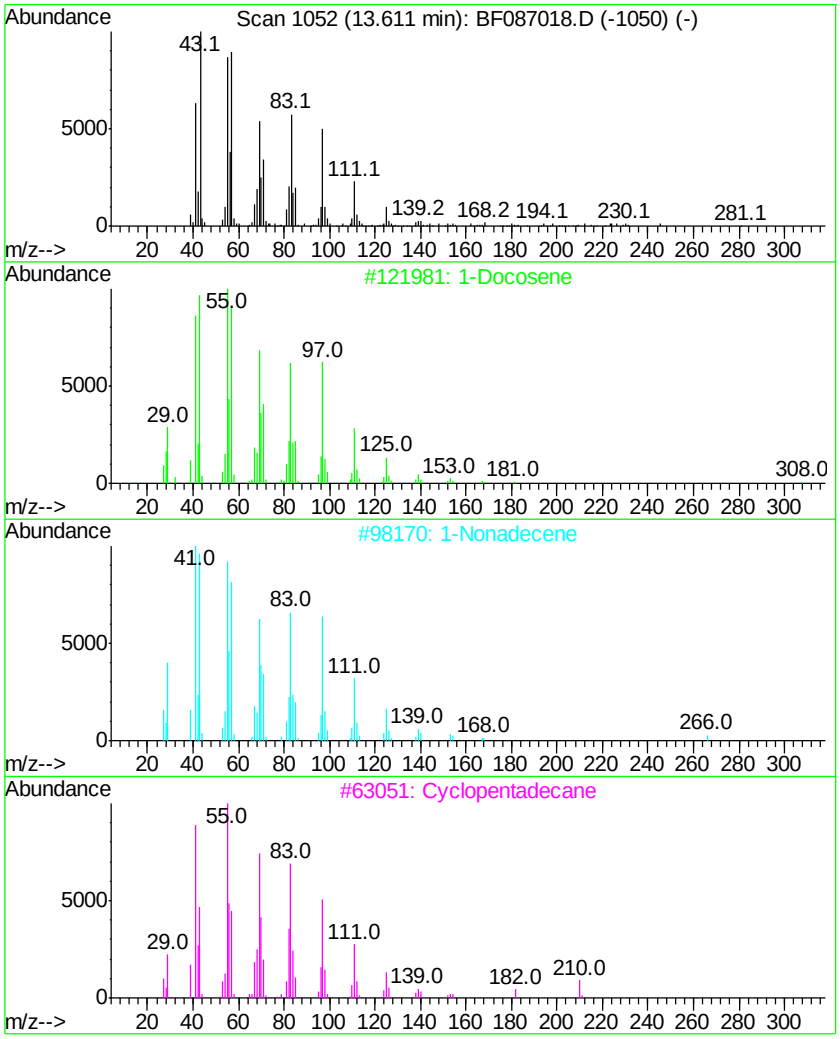
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

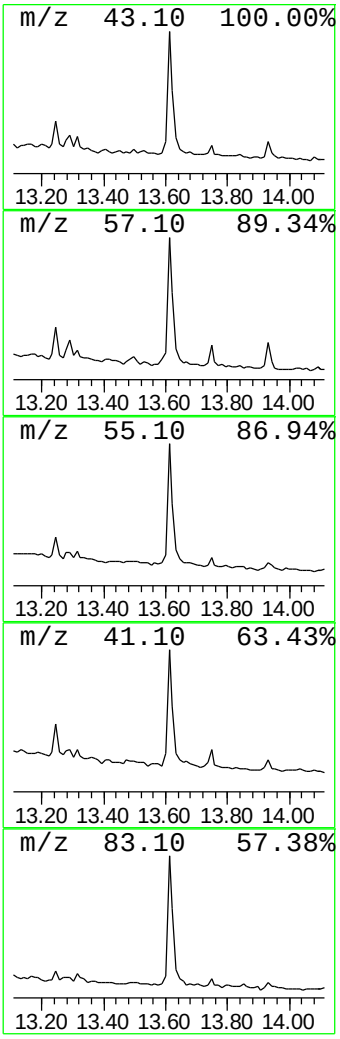
****

Peak Number 20 1-Docosene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	7.02 ng	381434	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	Cyclopentadecane	210	C15H30	000295-48-7	83
4	Cyclohexadecane	224	C16H32	000295-65-8	83
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.74	8.9	ng	467322	1	6.62	1052390	20.0
unknown6.39	6.39	82.7	ng	4353450	1	6.62	1052390	20.0
Benzene, 1,3-diet...	6.87	9.4	ng	494526	1	6.62	1052390	20.0
Benzene, 1-methyl...	7.64	8.5	ng	1223390	2	7.90	2886450	20.0
Naphthalene, 1,2,...	8.72	11.5	ng	1663250	2	7.90	2886450	20.0
Naphthalene, 1,2,...	9.13	12.0	ng	1079400	3	9.64	1802380	20.0
Naphthalene, 1,3-...	9.23	6.9	ng	620634	3	9.64	1802380	20.0
Naphthalene, 1,4-...	9.31	12.0	ng	1078030	3	9.64	1802380	20.0
Naphthalene, 2,3,...	9.85	9.0	ng	809807	3	9.64	1802380	20.0
unknown9.92	9.92	6.9	ng	624071	3	9.64	1802380	20.0
Naphthalene, 1,4,...	9.96	10.4	ng	935448	3	9.64	1802380	20.0
Naphthalene, 1-(2...	10.26	14.6	ng	1312670	3	9.64	1802380	20.0
Decane, 2,6,8-tri...	10.31	13.0	ng	1175060	3	9.64	1802380	20.0
Dodecane, 2,6,11-...	10.57	25.9	ng	1643630	4	11.13	1268230	20.0
9H-Fluorene, 2-me...	10.76	9.1	ng	578833	4	11.13	1268230	20.0
Tetracosane	11.04	16.5	ng	1046480	4	11.13	1268230	20.0
Phenanthrene, 2,5...	12.17	8.1	ng	513450	4	11.13	1268230	20.0
1-Docosene	13.61	7.0	ng	381434	5	13.75	1086070	20.0