LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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	39	rVB	3571019	6677194	100.00%	7.784%
2	4.090	216	219	230	rVB	81920	164530	2.46%	0.192%
3	4.741	274	276	289	rBV	313102	475202	7.12%	0.554%
4	5.199	314	316	332	rBV	2306933	2512162	37.62%	2.928%
5	5.599	349	351	358	rVB	61030	98074	1.47%	0.114%
6	6.273	408	410	417	rBV	1654597	1850927	27.72%	2.158%
7	6.387	417	420	422	rBV	3579728	4243996	63.56%	4.947%
8	6.604	437	439	442	rBV	761425	987165	14.78%	1.151%
9	6.764	450	453	458	rVB	3456893	3832230	57.39%	4.467%
10	6.867	460	462	464	rBV	494098	440258	6.59%	0.513%
11	6.959	467	470	472	rBV	244733	285083	4.27%	0.332%
12	7.153	484	487	488	rBV	867043	1159638	17.37%	1.352%
13	7.187	488	490	495	rVB	3901216	4358808	65.28%	5.081%
14	7.267	495	497	499	rBV2	104003	98049	1.47%	0.114%
15	7.302	499	500	504	rVB2	92664	129294	1.94%	0.151%
16	7.393	504	508	510	rVB	881561	889047	13.31%	1.036%
17	7.507	516	518	520	rBV	114805	120970	1.81%	0.141%
18	7.576	520	524	527	rVB3	750789	1198560	17.95%	1.397%
19	7.645	527	530	532	rBV2	1894364	2780859	41.65%	3.242%
20	7.679	532	533	534	rBV	112196	82448	1.23%	0.096%
21	7.713	534	536	540	rVB4	98511	230735	3.46%	0.269%
22	7.782	540	542	543	rVB	105145	139521	2.09%	0.163%
23	7.839	543	547	548	rBV2	93700	148516	2.22%	0.173%
24	7.896	548	552	555	rBV	1774175	2808592	42.06%	3.274%
25	7.953	555	557	558	rVB	511131	624547	9.35%	0.728%
26	7.999	558	561	562	rVB	171443	216903	3.25%	0.253%
27	8.056	562	566	567	rBV3	146049	183545	2.75%	0.214%
28	8.102	567	570	572	rBV	610403	801555	12.00%	0.934%
29	8.147	572	574	575	rBV	604556	655550	9.82%	0.764%
30	8.182	575	577	578	rBV2	409978	410810	6.15%	0.479%
31	8.285	584	586	589	rVB	710209	736472	11.03%	0.859%
32	8.365	591	593	595	rVV	715123	989594	14.82%	1.154%
33	8.399	595	596	599	rVV	605268	896680	13.43%	1.045%
34	8.467	600	602	603	rVV	224958	383418	5.74%	0.447%

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Operator : UM/SJ
Sample : H2990-01
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C4-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	8.490	603	604	606	rVV2	495879	477408	7.15%	0.557%
36	8.559	606	610	612	rVV2	1544549	1730999	25.92%	2.018%
37	8.593	612	613	615	rVV	185984	153895	2.30%	0.179%
38	8.650	615	618	620	rVV2	82231	127968	1.92%	0.149%
39	8.719	620	624	629	rVV2	521166	1209920	18.12%	1.410%
40	8.833	629	634	639	rVV6	212383	910173	13.63%	1.061%
41	8.913	639	641	642	rVV	151318	254794	3.82%	0.297%
42	8.936	642	643	644	rVV	212670	219823	3.29%	0.256%
43	8.982	644	647	649	rVV	5136246	5340768	79.99%	6.226%
44	9.016	649	650	652	rVV	119560	118450	1.77%	0.138%
45	9.073	653	655	656	rVV	143526	158056	2.37%	0.184%
46	9.119	658	659	661	rVV	329539	532807	7.98%	0.621%
47	9.176	661	664	666	rVV2	413329	801039	12.00%	0.934%
48	9.233	666	669	672	rVV	1043675	1636173	24.50%	1.907%
49	9.313	673	676	680	rVV2	1151570	2076900	31.10%	2.421%
50	9.382	680	682	683	rVV	254020	282334	4.23%	0.329%
51	9.428	683	686	690	rVV	972123	1484568	22.23%	1.731%
52	9.508	690	693	696	rVB	632787	627831	9.40%	0.732%
53	9.588	699	700	702	rVV	65740	83258	1.25%	0.097%
54	9.645	702	705	707	rVV	1573409	1752283	26.24%	2.043%
55	9.679	707	708	712	rVV2	448253	523633	7.84%	0.610%
56	9.759	712	715	717	rVV	205466	357700	5.36%	0.417%
57	9.805	717	719	720	rVV2	122043	182067	2.73%	0.212%
58	9.851	721	723	725	rVV	546982	572976	8.58%	0.668%
59	9.896	725	727	728	rVV	375021	451872	6.77%	0.527%
60	9.965	731	733	735	rVV	287381	418764	6.27%	0.488%
61	10.056	738	741	743	rVV2	194390	455751	6.83%	0.531%
62	10.091	743	744	746	rVB	189403	138772	2.08%	0.162%
63	10.136	746	748	751	rBV3	66784	89565	1.34%	0.104%
64	10.193	751	753	754	rBV2	463308	460368	6.89%	0.537%
65	10.251	756	758	762	rVV2	562931	929505	13.92%	1.084%
66	10.308	762	763	765	rVV	125695	145463	2.18%	0.170%
67	10.353	765	767	769	rVB2	100362	157584	2.36%	0.184%
68	10.399	769	771	772	rBV	202881	269976	4.04%	0.315%
69	10.433	772	774	776	rVV2	2368041	3521413	52.74%	4.105%
70	10.468	776	777	781	rVB2	178175	246749	3.70%	0.288%
71	10.559	783	785	789	rVB	295120	372833	5.58%	0.435%

LSC Area Percent Report

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Sample : H2990-01
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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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	10.628	789	791	796	rBV5	49265	104538	1.57%	0.122%
73	10.708	796	798	799	rBV2	138802	170602	2.55%	0.199%
74	10.765	802	803	806	rVB	266727	244018	3.65%	0.284%
75	10.822	806	808	811	rBV	189815	292312	4.38%	0.341%
76	10.971	819	821	823	rBV2	113199	153347	2.30%	0.179%
77	11.005	823	824	826	rVV2	78939	88625	1.33%	0.103%
78	11.119	832	834	838	rBV2	1076435	1478583	22.14%	1.724%
79	11.428	859	861	864	rBV4	49511	94391	1.41%	0.110%
80	11.622	875	878	881	rBV	512045	768625	11.51%	0.896%
81	11.691	881	884	886	rVV	1121120	1454100	21.78%	1.695%
82	11.816	893	895	896	rVB	75113	73095	1.09%	0.085%
83	11.896	899	902	906	rBV	286317	374916	5.61%	0.437%
84	12.079	916	918	921	rVB2	103553	172813	2.59%	0.201%
85	12.171	923	926	930	rVB	171708	276572	4.14%	0.322%
86	12.274	932	935	937	rVB2	78813	109102	1.63%	0.127%
87	12.319	937	939	941	rBV2	55688	126741	1.90%	0.148%
88	12.388	941	945	950	rVV	659295	1190454	17.83%	1.388%
89	12.456	950	951	956	rVB2	438452	622574	9.32%	0.726%
90	12.719	970	974	976	rBV	3684772	5209064	78.01%	6.072%
91	13.748	1062	1064	1067	rBV	1114021	1122881	16.82%	1.309%
92	15.108	1180	1183	1186	rBV	656108	772304	11.57%	0.900%

Sum of corrected areas: 85785027

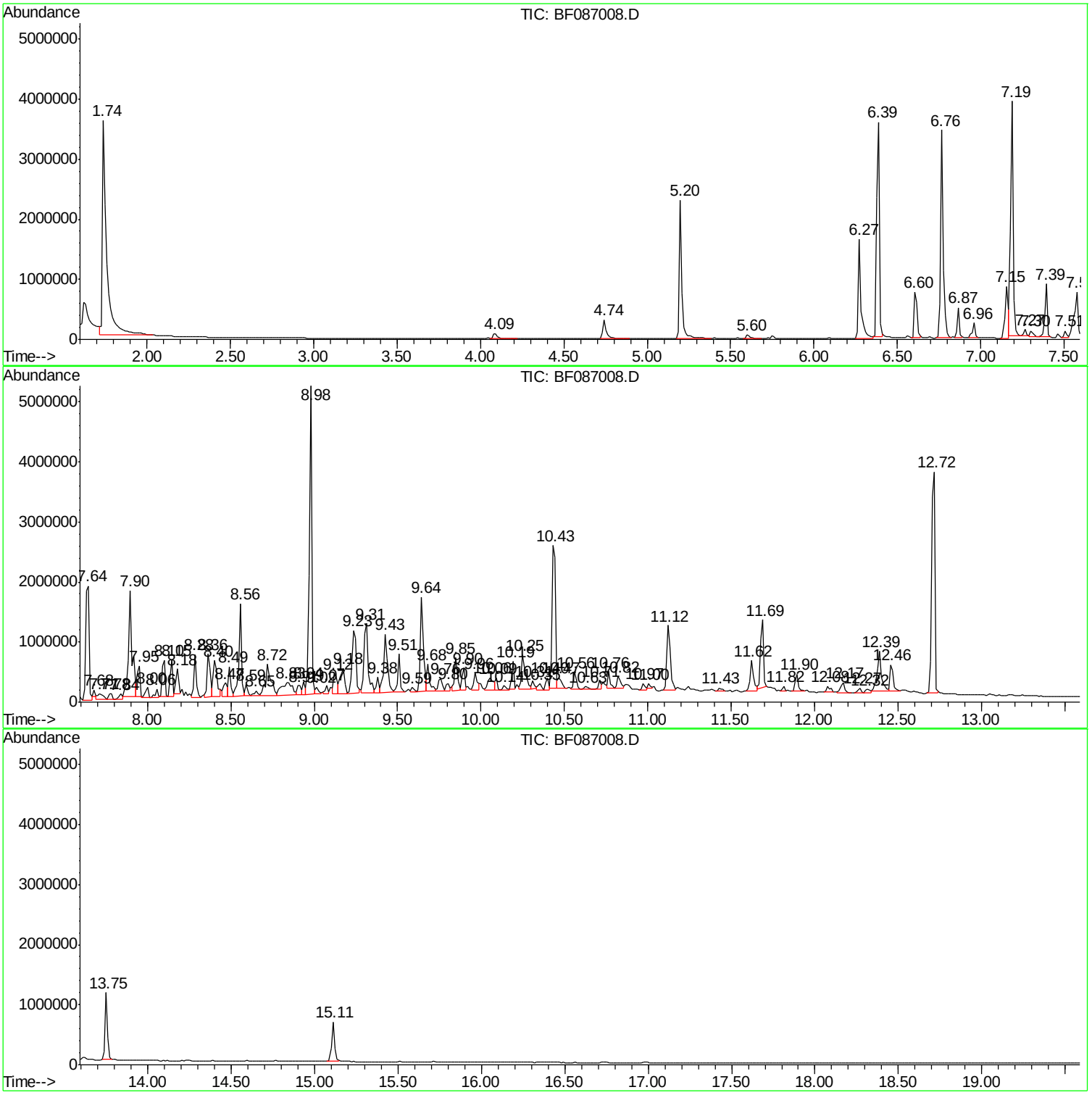
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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 : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

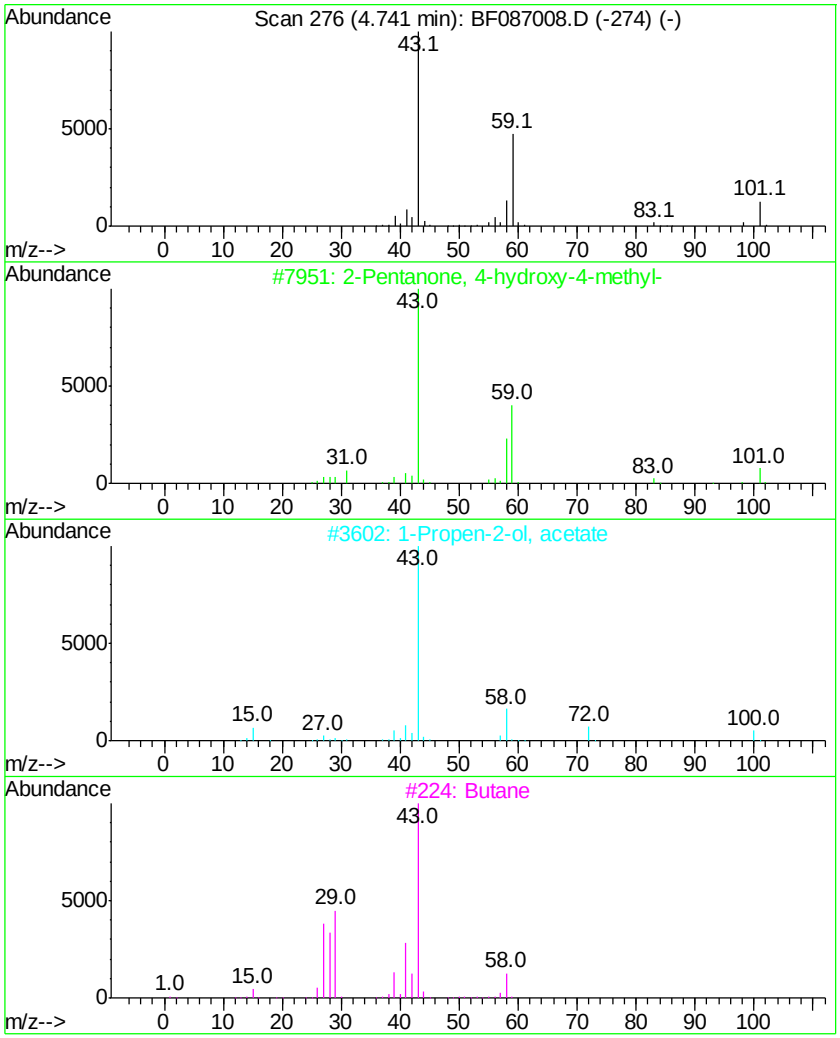
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

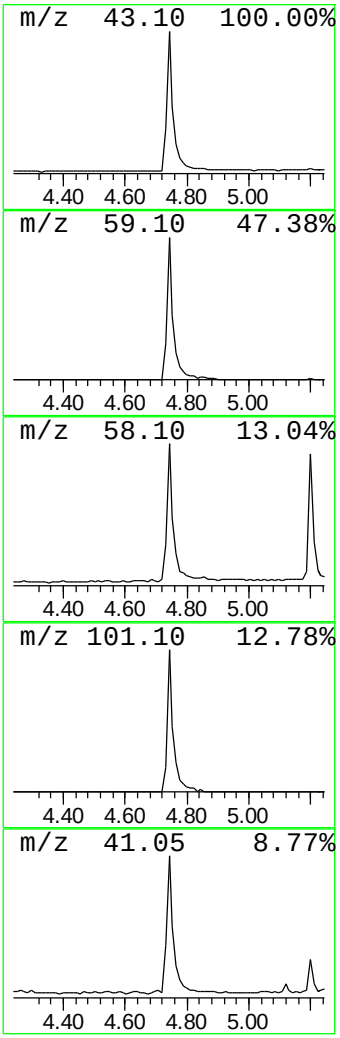
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	9.63 ng	475202	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	Butane	58	C4H10	000106-97-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

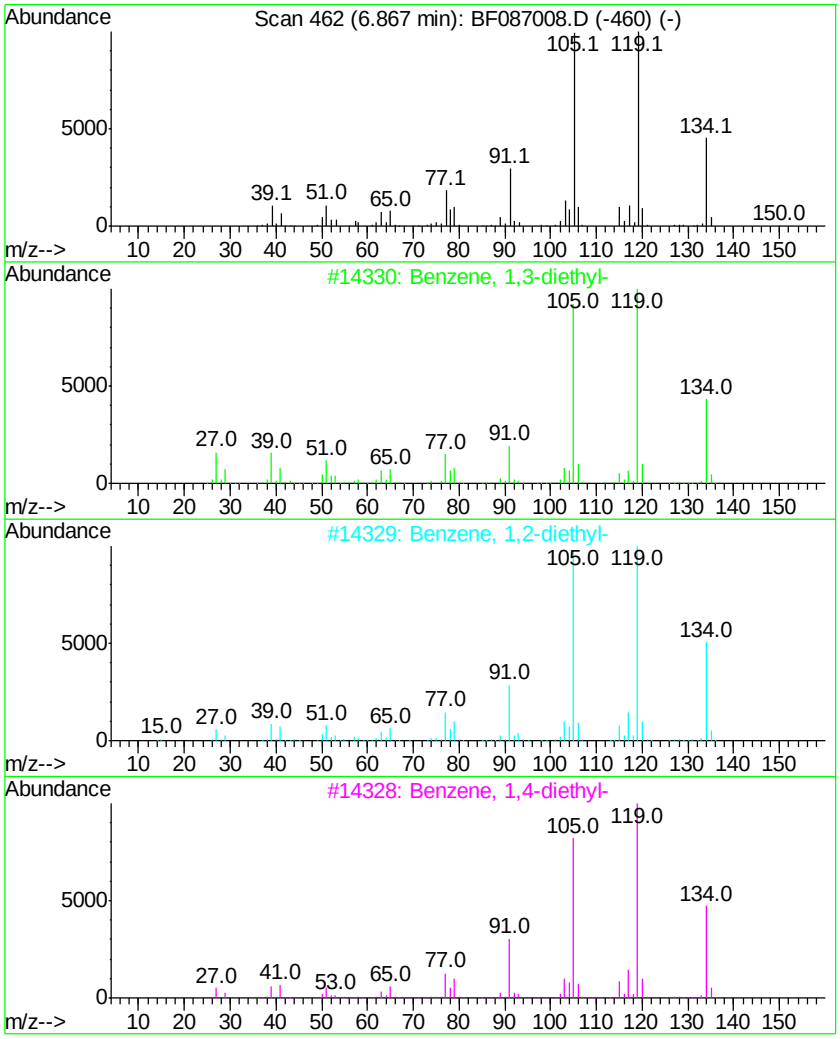
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

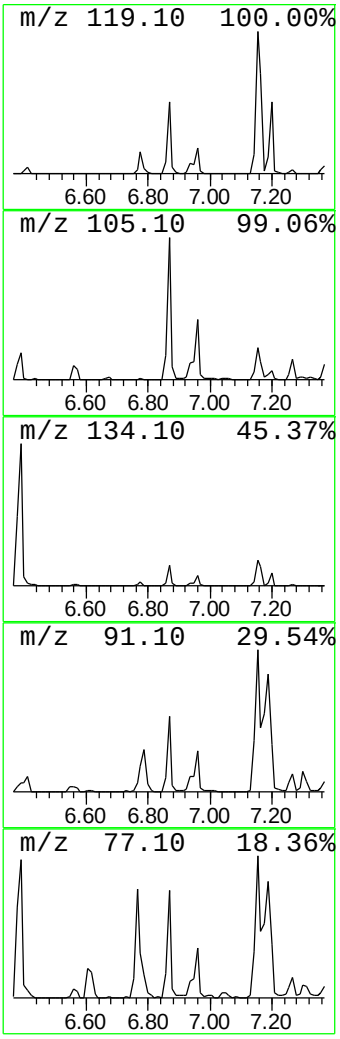
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	8.92 ng	440258	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	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

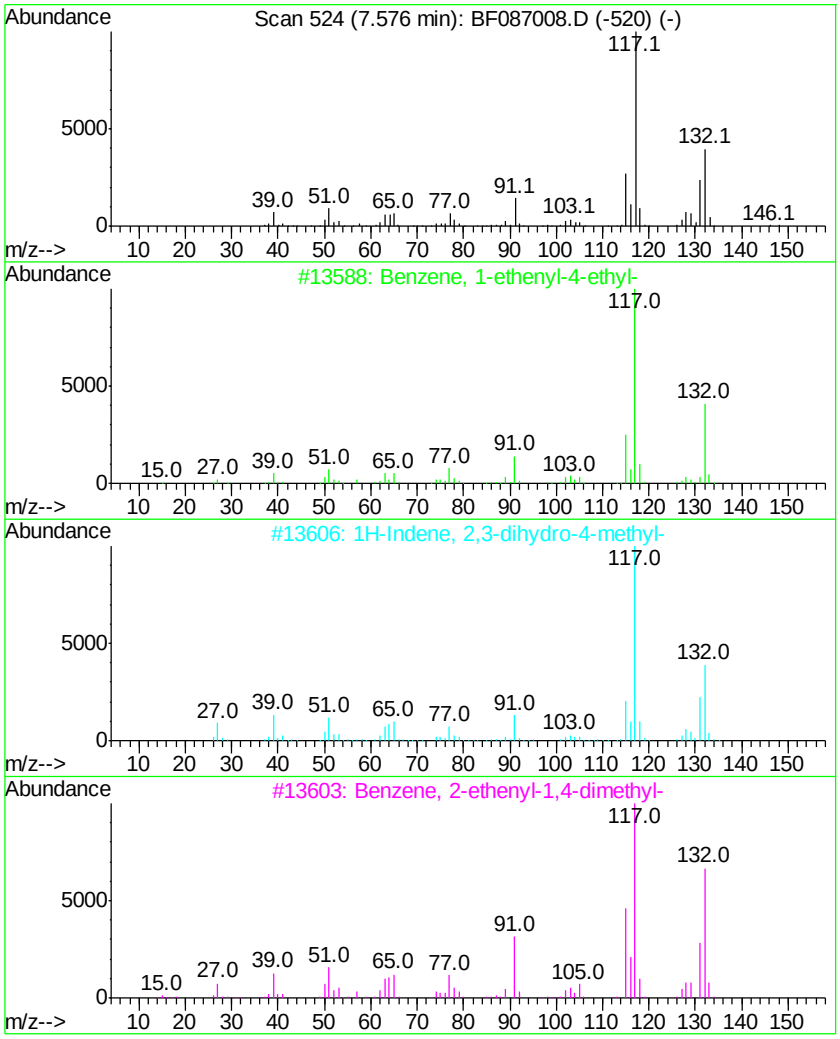
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

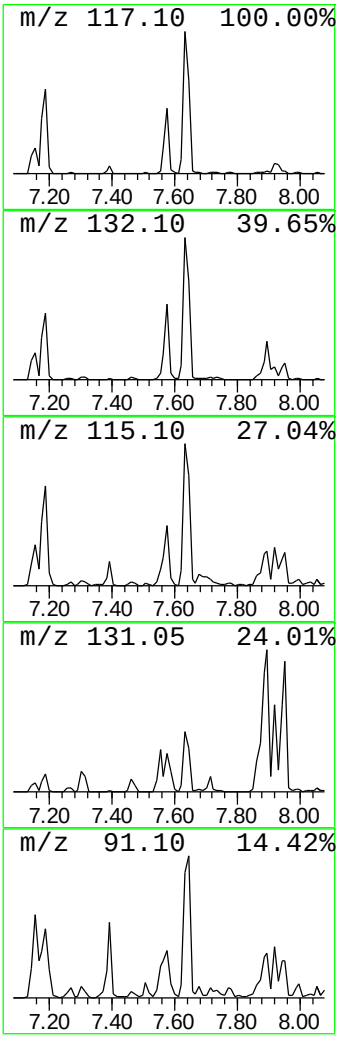
****

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	8.53 ng	1198560	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

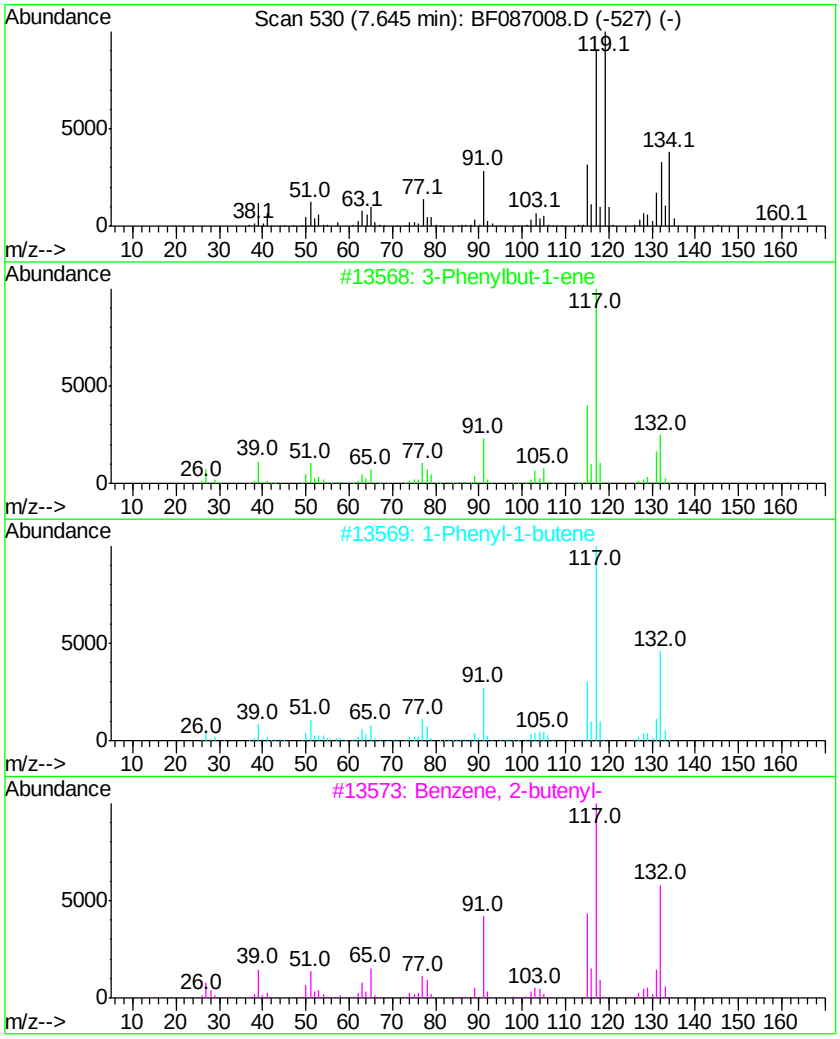
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

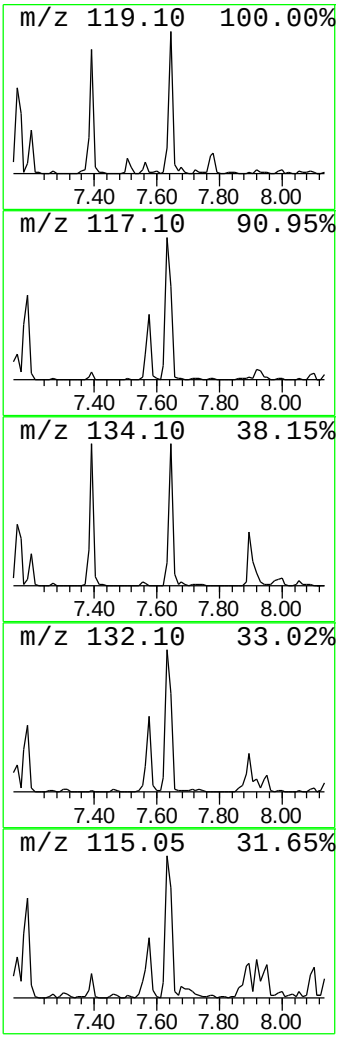
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	19.80 ng	2780860	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	89
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

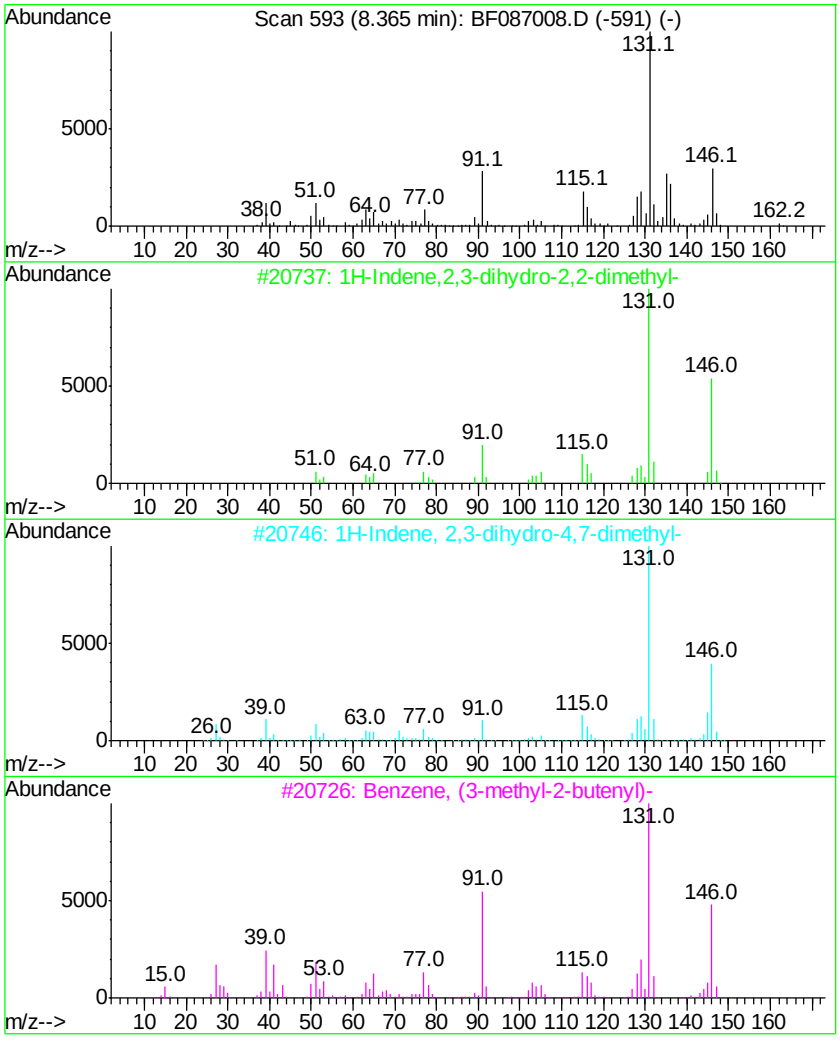
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

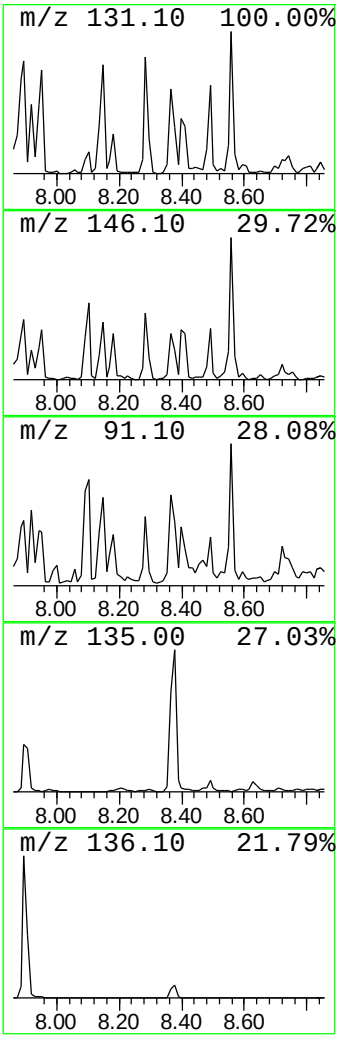
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	7.05 ng	989594	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	89
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

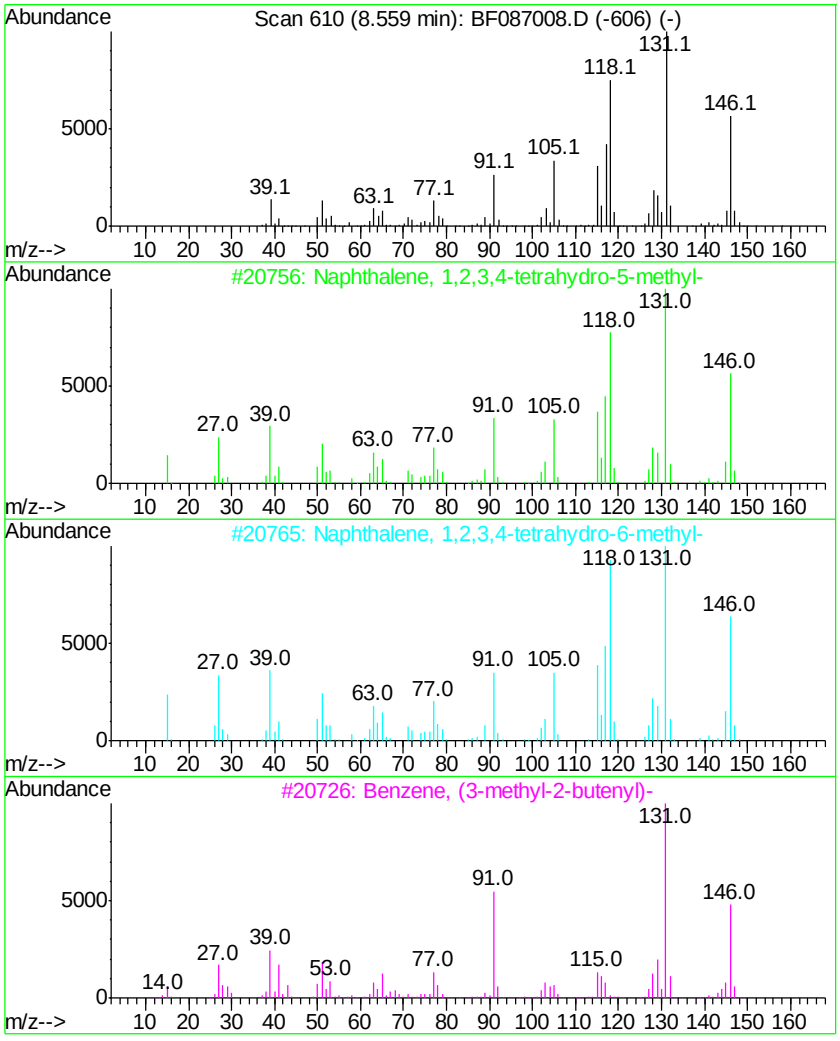
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

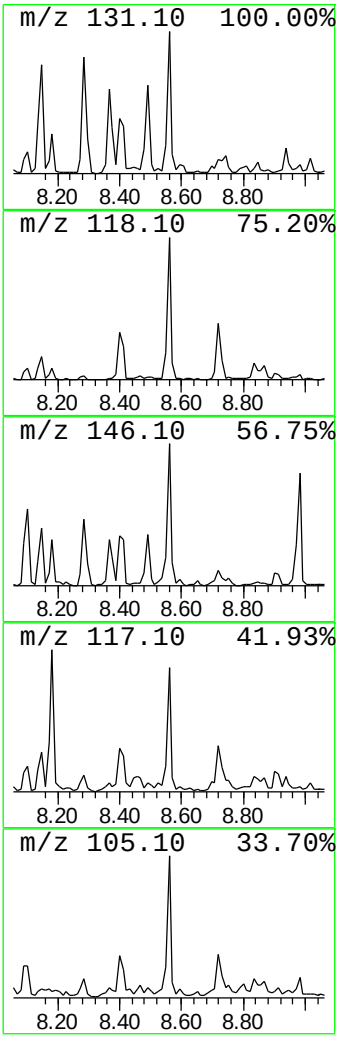
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	12.33 ng	1731000	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	50





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Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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

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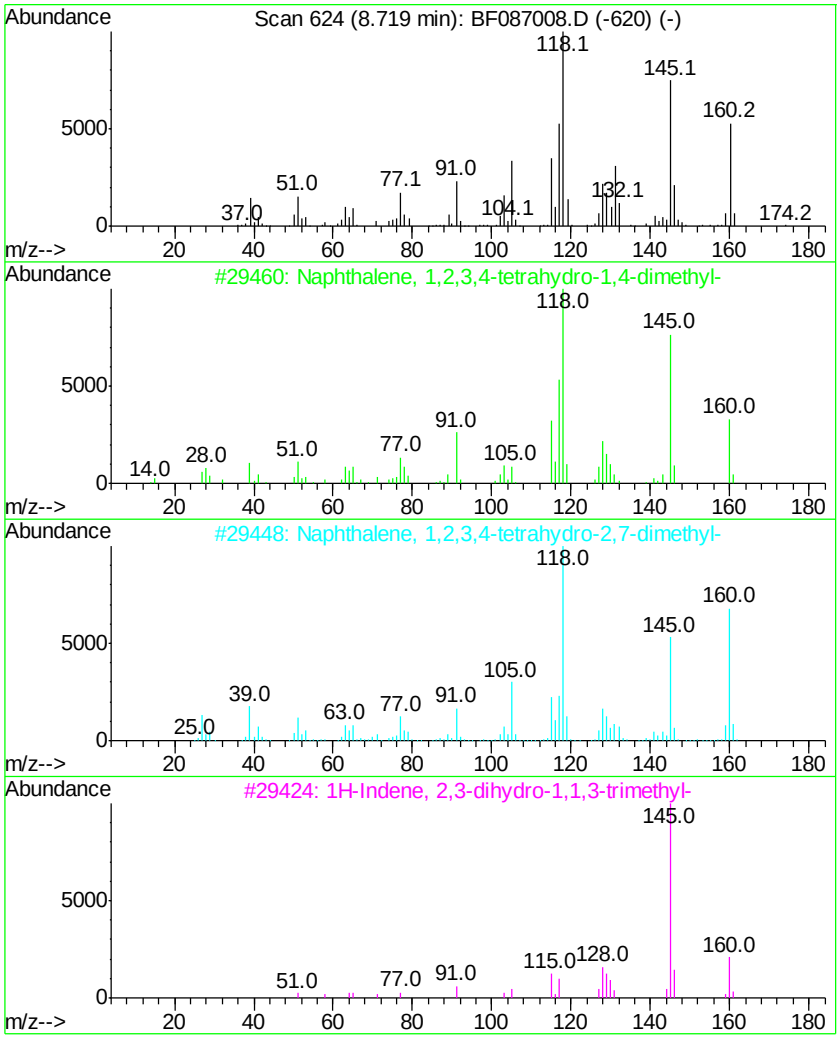
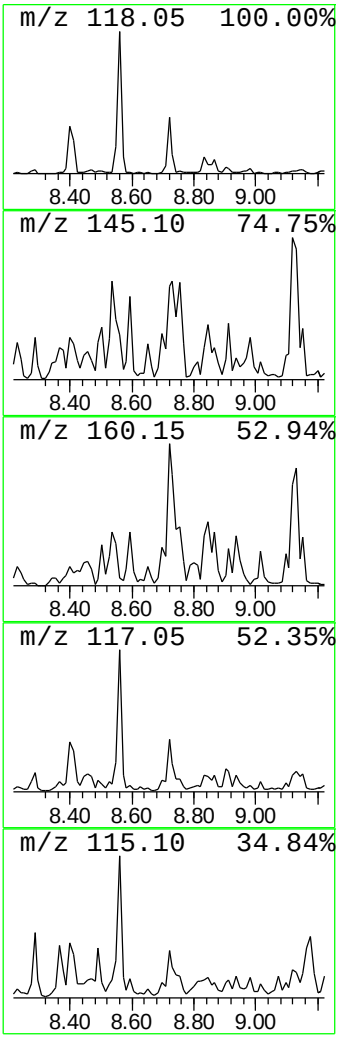
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	8.62 ng	1209920	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	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49





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Sample : H2990-01
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

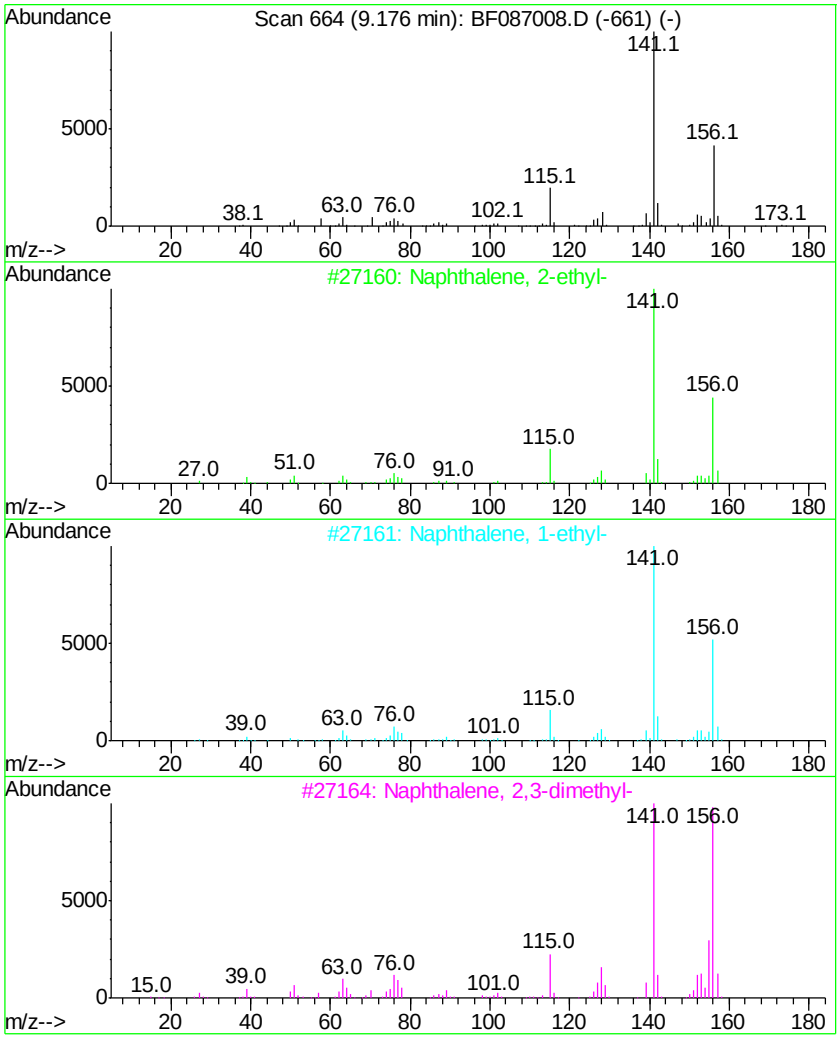
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

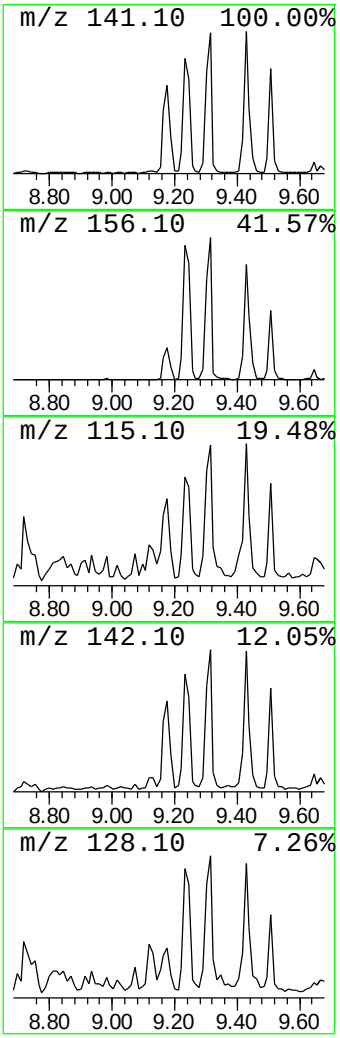
****

Peak Number 12 Naphthalene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	9.14 ng	801039	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72





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Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

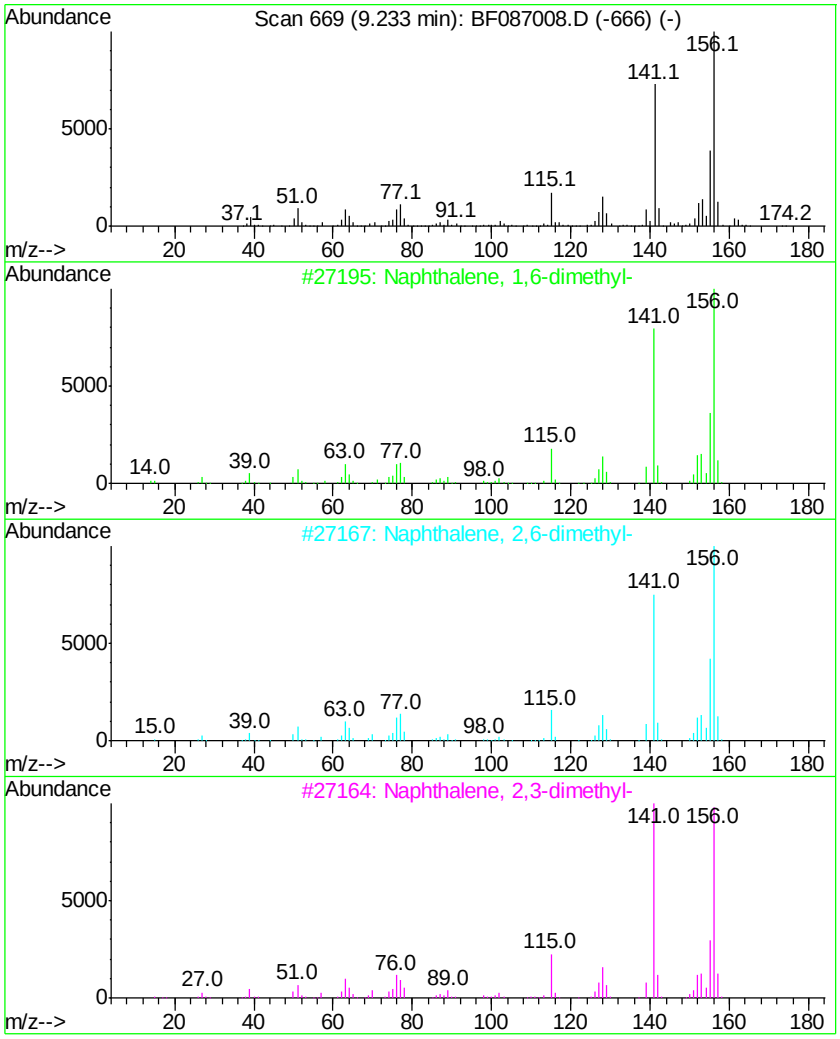
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

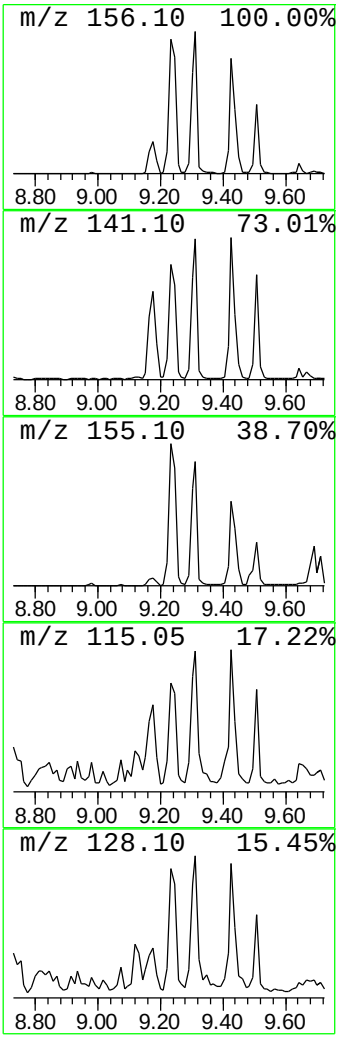
****

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	18.67 ng	1636170	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

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Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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

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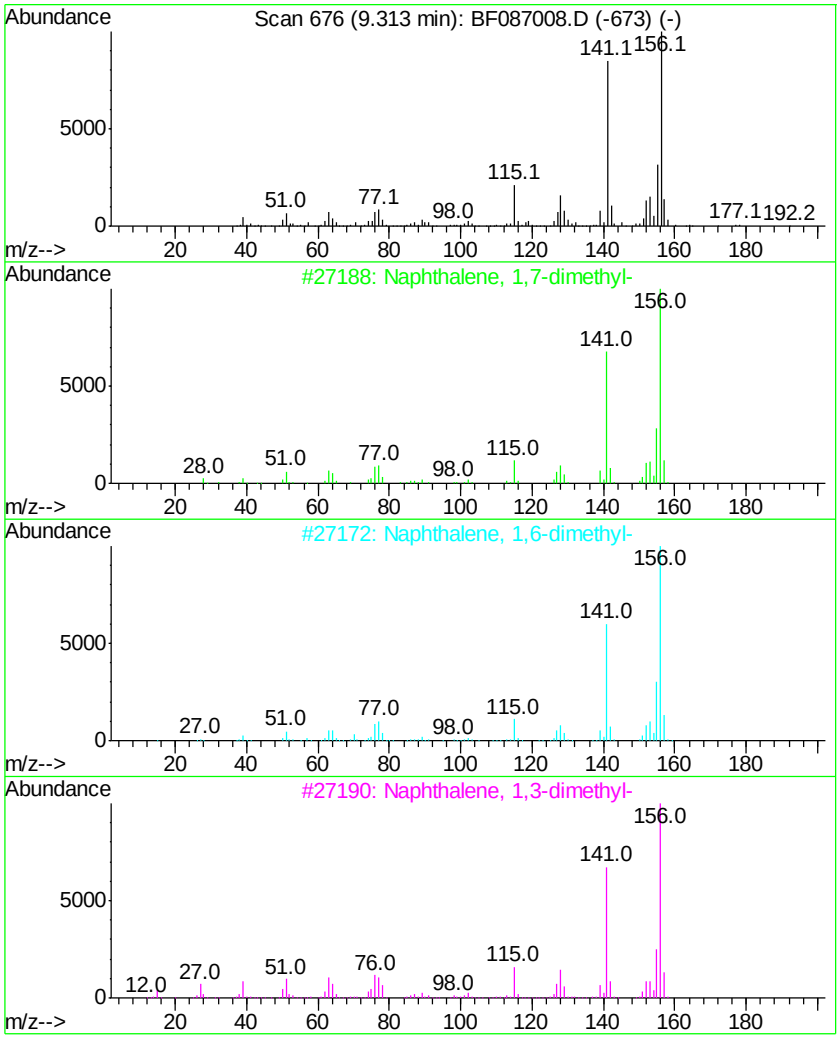
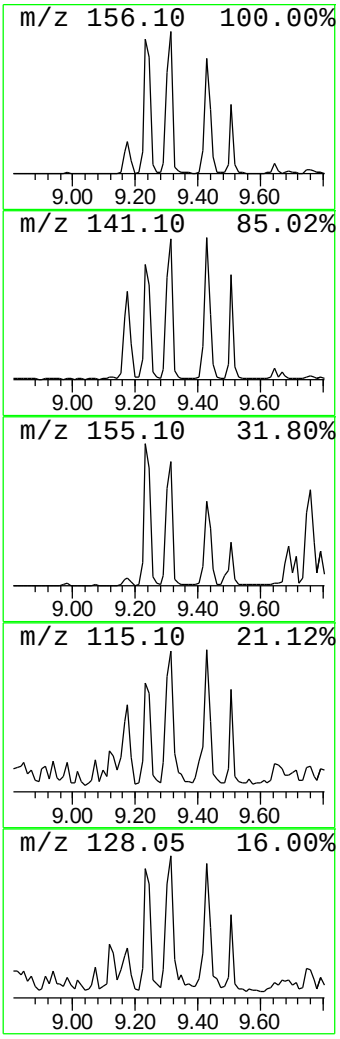
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	23.71 ng	2076900	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Acq On : 14 May 2016 9:27
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Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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

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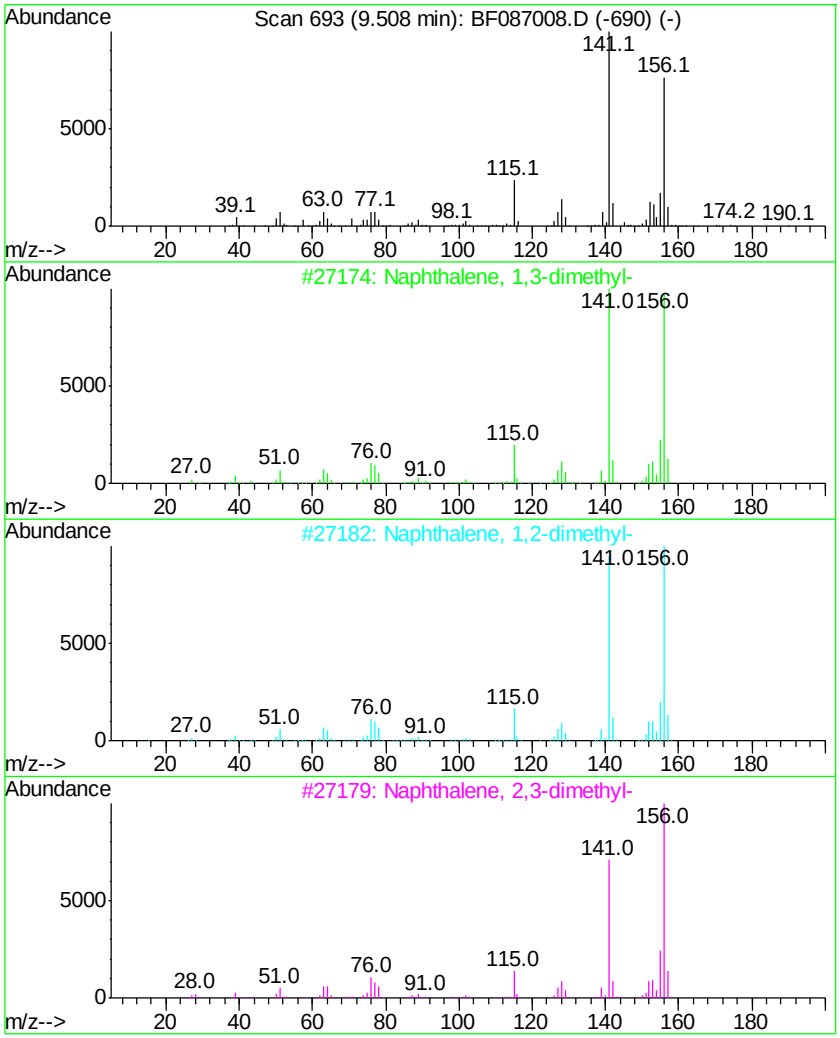
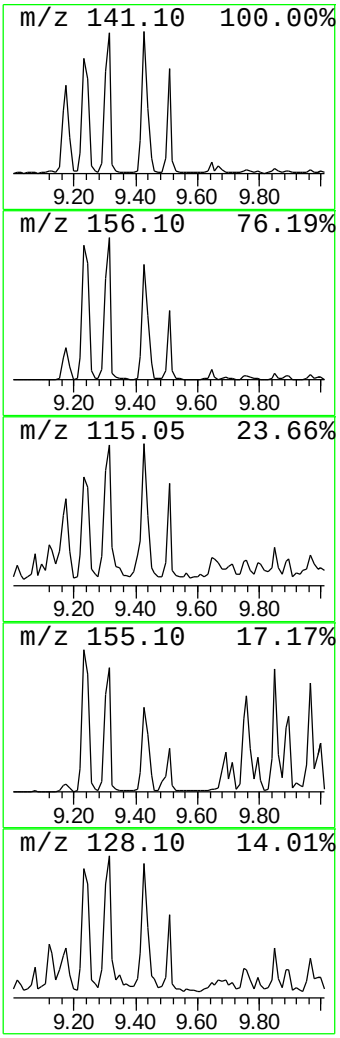
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	7.17 ng	627831	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





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Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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

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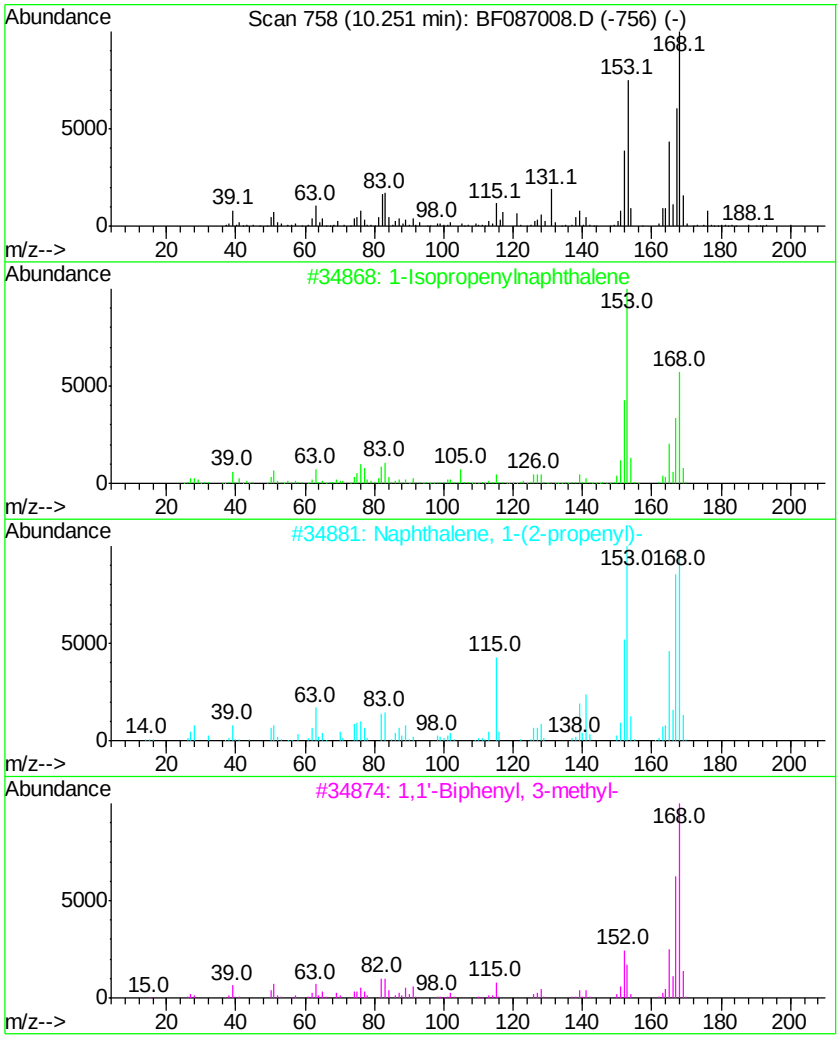
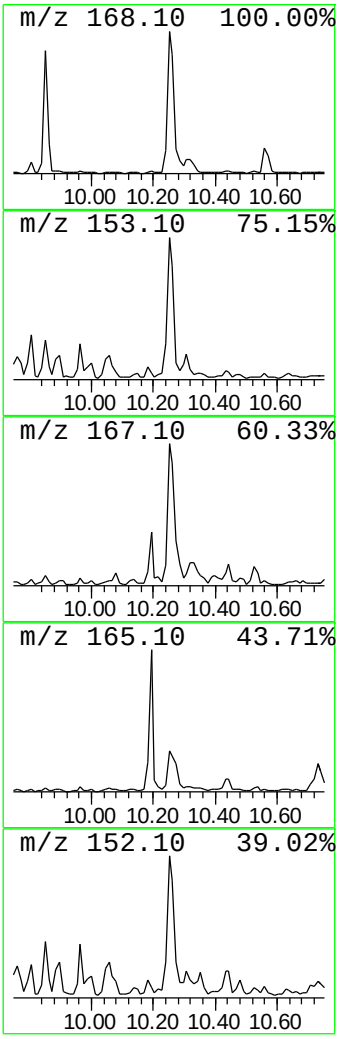
Peak Number 16 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	10.61 ng	929505	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	91
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50





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Acq On : 14 May 2016 9:27
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Sample : H2990-01
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C4-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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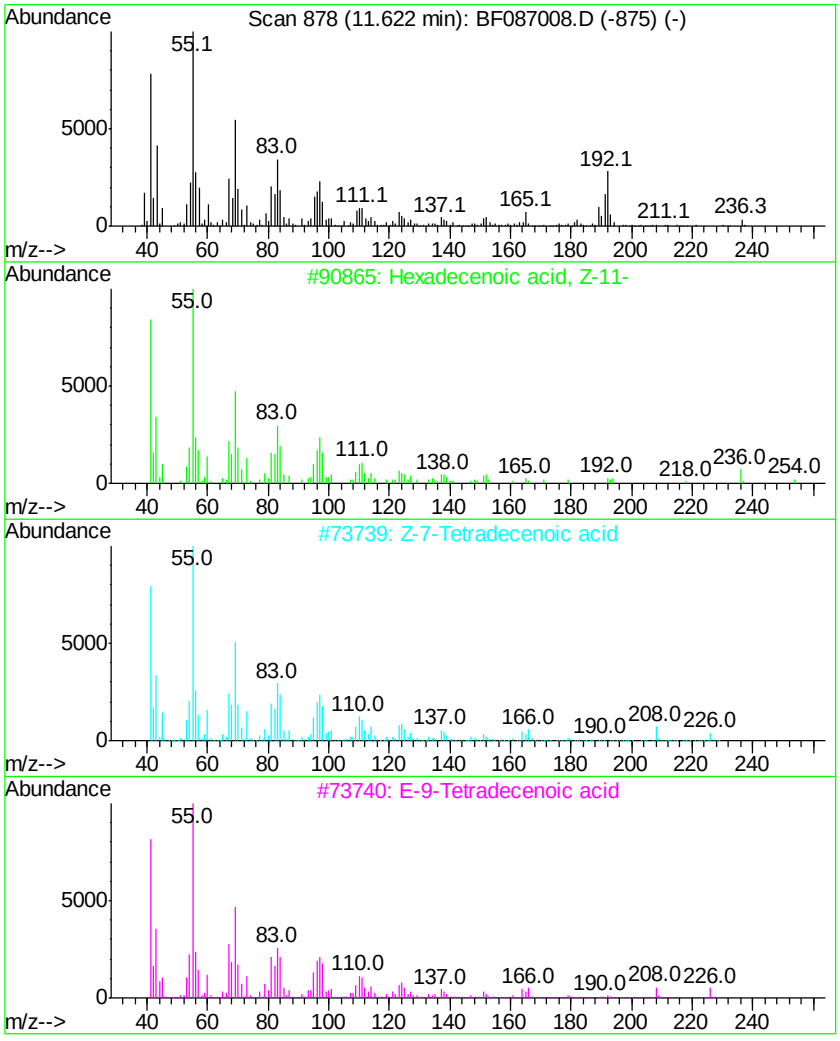
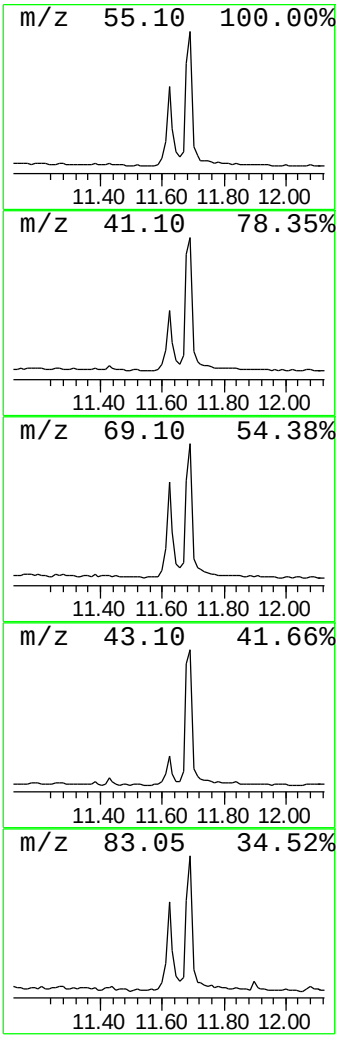
Peak Number 17 Hexadecenoic acid, Z-11- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	10.40 ng	768625	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	60
2	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	49
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	43
4	Cyclododecanemethanol	198	C13H26O	001892-12-2	35
5	2-Tridecene, (Z)-	182	C13H26	041446-59-7	30





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Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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

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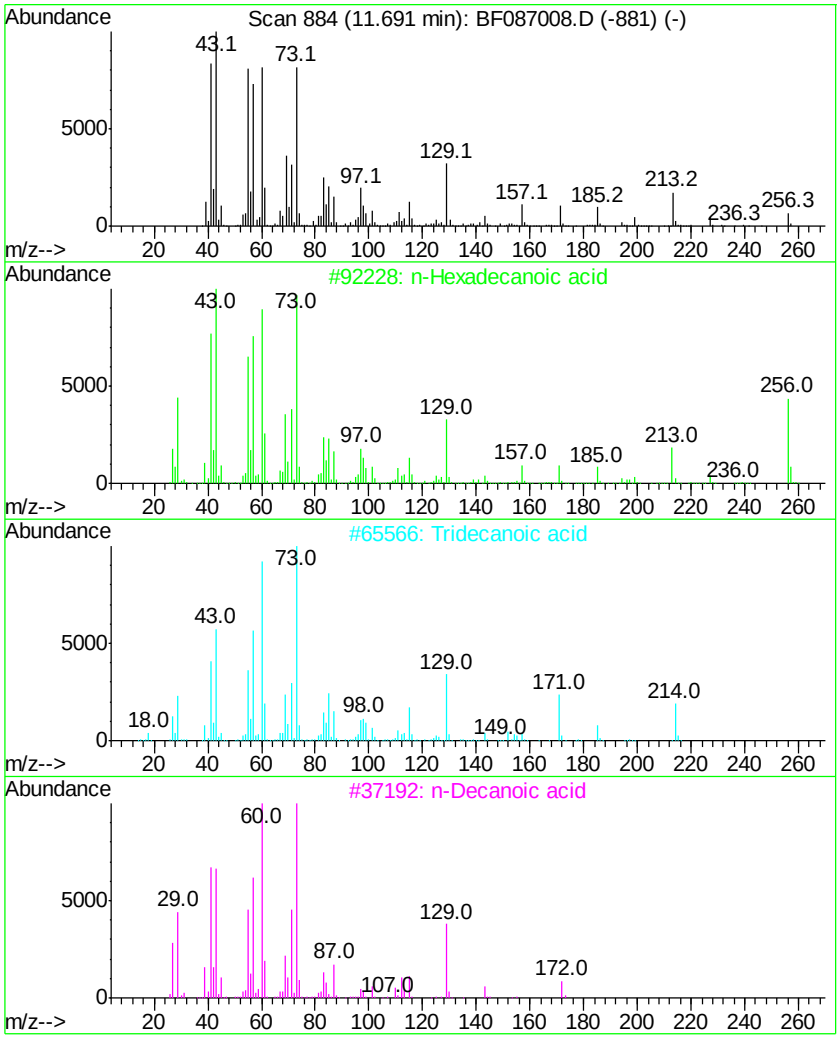
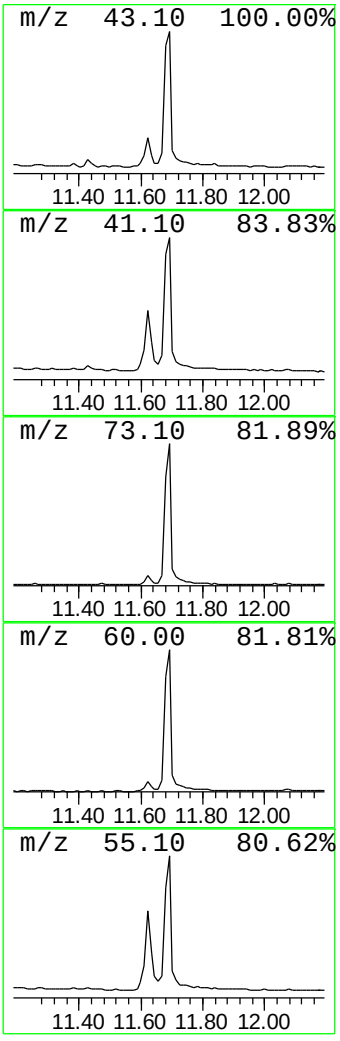
Peak Number 18 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	19.67 ng	1454100	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





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Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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

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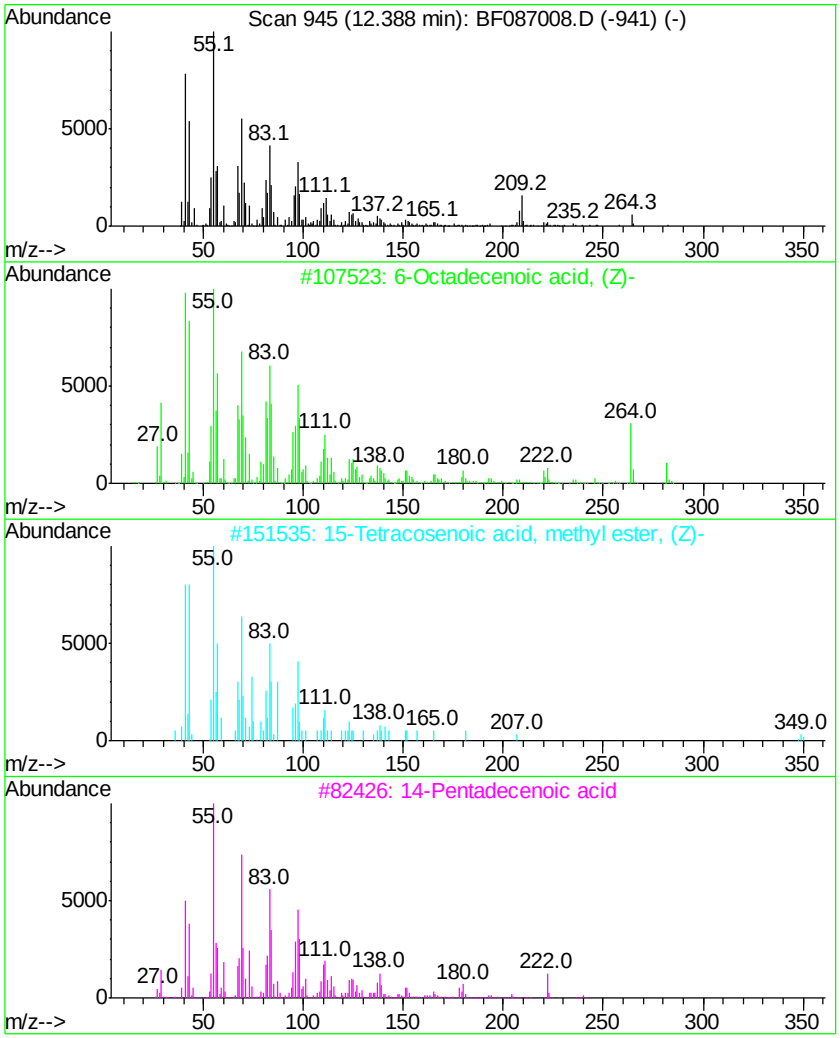
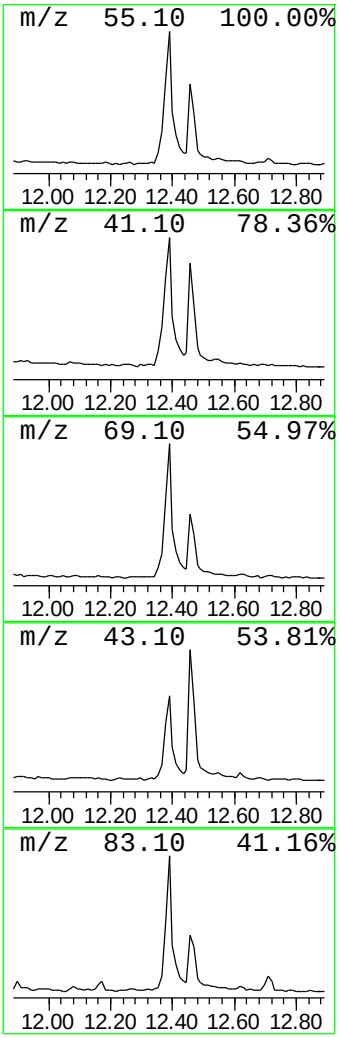
Peak Number 19 6-Octadecenoic acid, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	16.10 ng	1190450	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	83
2	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	83
3	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	80
4	Oleic Acid	282	C18H34O2	000112-80-1	80
5	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	78





Library Search Compound Report

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Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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

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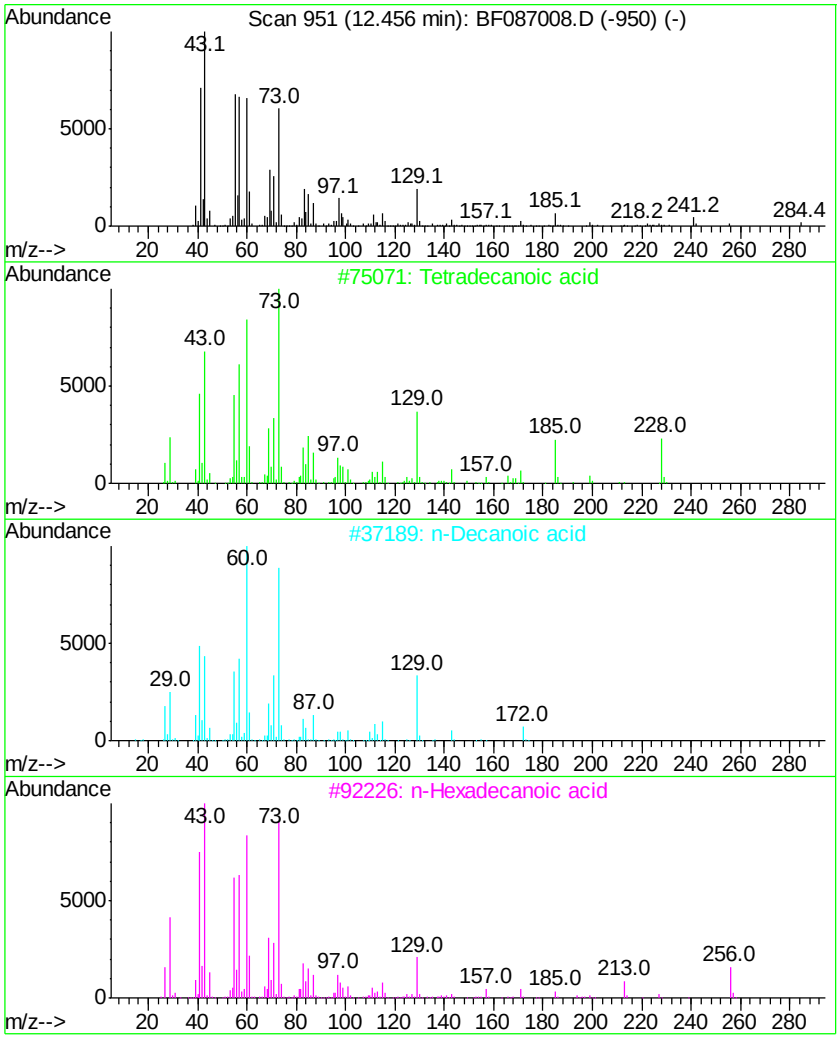
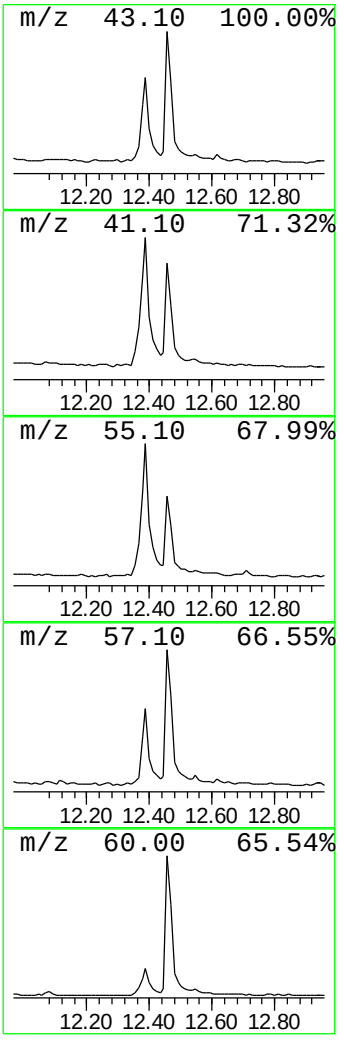
Peak Number 20 Tetradecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	11.09 ng	622574	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50





Tentatively Identified Compound (LSC) summary

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Data File : BF087008.D
Acq On : 14 May 2016 9:27
Operator : UM/SJ
Sample : H2990-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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	9.6	ng	475202	1	6.62	987165	20.0
Benzene, 1,3-diet...	6.87	8.9	ng	440258	1	6.62	987165	20.0
Benzene, 1-etheny...	7.58	8.5	ng	1198560	2	7.90	2808590	20.0
3-Phenylbut-1-ene	7.64	19.8	ng	2780860	2	7.90	2808590	20.0
1H-Indene,2,3-dih...	8.36	7.0	ng	989594	2	7.90	2808590	20.0
Naphthalene, 1,2,...	8.56	12.3	ng	1731000	2	7.90	2808590	20.0
Naphthalene, 1,2,...	8.72	8.6	ng	1209920	2	7.90	2808590	20.0
Naphthalene, 2-et...	9.18	9.1	ng	801039	3	9.64	1752280	20.0
Naphthalene, 1,6-...	9.23	18.7	ng	1636170	3	9.64	1752280	20.0
Naphthalene, 1,7-...	9.31	23.7	ng	2076900	3	9.64	1752280	20.0
Naphthalene, 1,3-...	9.51	7.2	ng	627831	3	9.64	1752280	20.0
1-Isopropenylnaph...	10.25	10.6	ng	929505	3	9.64	1752280	20.0
Hexadecenoic acid...	11.62	10.4	ng	768625	4	11.12	1478580	20.0
n-Hexadecanoic acid	11.69	19.7	ng	1454100	4	11.12	1478580	20.0
6-Octadecenoic ac...	12.39	16.1	ng	1190450	4	11.12	1478580	20.0
Tetradecanoic acid	12.46	11.1	ng	622574	5	13.75	1122880	20.0