LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084560.D
Acq On : 19 Jan 2016 18:56
Operator : SJ/UM
Sample : H1169-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.293	191	193	195	rBV	131002	160012	2.72%	0.195%
2	4.887	239	245	249	rBV3	77975	161726	2.75%	0.197%
3	4.967	249	252	255	rBV	2462922	3882363	66.08%	4.723%
4	5.161	267	269	271	rBV	91010	124412	2.12%	0.151%
5	5.356	282	286	288	rBV2	114603	287737	4.90%	0.350%
6	5.401	288	290	292	rVB	5415735	5484687	93.35%	6.672%
7	5.687	313	315	318	rVB	238558	219128	3.73%	0.267%
8	5.790	321	324	327	rVB	198446	299543	5.10%	0.364%
9	5.939	334	337	339	rVB2	106606	151398	2.58%	0.184%
10	6.030	343	345	348	rVB	189592	236168	4.02%	0.287%
11	6.224	359	362	365	rBV	107786	187946	3.20%	0.229%
12	6.316	369	370	374	rVB2	124874	193525	3.29%	0.235%
13	6.384	374	376	378	rBV	108677	115810	1.97%	0.141%
14	6.441	378	381	383	rBV	5438807	5736152	97.63%	6.978%
15	6.567	389	392	394	rVB	5471766	5875491	100.00%	7.148%
16	6.636	394	398	400	rVB2	298057	431371	7.34%	0.525%
17	6.796	410	412	414	rBV	1267986	1467194	24.97%	1.785%
18	6.853	415	417	419	rBV	132394	144968	2.47%	0.176%
19	6.944	423	425	427	rVV	3343292	4095628	69.71%	4.982%
20	7.070	429	436	438	rBV3	121339	322714	5.49%	0.393%
21	7.116	438	440	441	rBV2	303306	293995	5.00%	0.358%
22	7.184	444	446	448	rBV2	189804	209369	3.56%	0.255%
23	7.356	456	461	463	rBV	2668477	4131767	70.32%	5.026%
24	7.402	463	465	466	rVB	376441	322006	5.48%	0.392%
25	7.447	466	469	470	rBV3	132246	182698	3.11%	0.222%
26	7.482	470	472	473	rBV2	111791	120223	2.05%	0.146%
27	7.516	473	475	477	rVB	102481	134061	2.28%	0.163%
28	7.573	477	480	481	rBV	320031	478741	8.15%	0.582%
29	7.596	481	482	485	rVB	437563	373159	6.35%	0.454%
30	7.733	487	494	495	rBV6	249856	763253	12.99%	0.929%
31	7.767	495	497	499	rVB3	148058	213631	3.64%	0.260%
32	7.813	499	501	506	rBV4	428576	868262	14.78%	1.056%
33	7.904	506	509	511	rVB4	163799	319512	5.44%	0.389%
34	7.950	511	513	515	rBV	138012	147450	2.51%	0.179%

LSC Area Percent Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.042	518	521	522	rBV3	208698	385263	6.56%	0.469%
36	8.076	522	524	528	rVV3	2504947	3563148	60.64%	4.335%
37	8.133	528	529	534	rVV3	334133	727020	12.37%	0.884%
38	8.259	537	540	541	rBV3	105235	189702	3.23%	0.231%
39	8.373	546	550	554	rBV6	251984	640656	10.90%	0.779%
40	8.465	557	558	560	rVB	485124	407925	6.94%	0.496%
41	8.510	560	562	564	rBV	586901	640949	10.91%	0.780%
42	8.545	564	565	567	rVB	275834	238637	4.06%	0.290%
43	8.590	567	569	570	rBV2	87099	127475	2.17%	0.155%
44	8.682	575	577	578	rVV2	749943	773586	13.17%	0.941%
45	8.716	578	580	583	rVV2	183945	355605	6.05%	0.433%
46	8.796	583	587	588	rVB2	255154	485239	8.26%	0.590%
47	8.830	588	590	591	rBV2	73972	113650	1.93%	0.138%
48	8.887	593	595	597	rVV	208985	218752	3.72%	0.266%
49	8.990	600	604	606	rBV5	104362	210740	3.59%	0.256%
50	9.105	613	614	616	rVB	213400	231670	3.94%	0.282%
51	9.162	616	619	621	rVB	5908978	5663157	96.39%	6.889%
52	9.242	623	626	628	rBV2	423148	540022	9.19%	0.657%
53	9.299	628	631	634	rBV5	72032	215426	3.67%	0.262%
54	9.413	638	641	644	rBV3	141530	288167	4.90%	0.351%
55	9.493	646	648	651	rBV	243590	330060	5.62%	0.402%
56	9.550	651	653	656	rVV3	840772	1540737	26.22%	1.874%
57	9.596	656	657	661	rVB2	126165	198518	3.38%	0.242%
58	9.699	663	666	668	rBV2	248051	348343	5.93%	0.424%
59	9.745	668	670	671	rVB	427073	331403	5.64%	0.403%
60	9.768	671	672	674	rBV	206544	289331	4.92%	0.352%
61	9.836	674	678	680	rBV	2089542	2106428	35.85%	2.563%
62	10.030	694	695	697	rVB	159629	158440	2.70%	0.193%
63	10.156	703	706	709	rBV4	126629	273111	4.65%	0.332%
64	10.236	712	713	715	rBV2	178302	216183	3.68%	0.263%
65	10.270	715	716	717	rVB	390050	268617	4.57%	0.327%
66	10.488	733	735	738	rVB	295789	371039	6.32%	0.451%
67	10.625	744	747	749	rBV	3310881	3624591	61.69%	4.409%
68	10.750	756	758	761	rBV	576476	1085913	18.48%	1.321%
69	11.196	795	797	798	rBV	206449	247485	4.21%	0.301%
70	11.311	805	807	811	rBV2	1395665	1933855	32.91%	2.353%
71	11.391	811	814	815	rVV	149437	183108	3.12%	0.223%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.619	832	834	835	rVB	173854	140739	2.40%	0.171%
73	11.848	852	854	856	rVV	96995	123942	2.11%	0.151%
74	11.928	859	861	865	rVB3	152596	273554	4.66%	0.333%
75	12.019	868	869	873	rVV2	94152	139952	2.38%	0.170%
76	12.111	876	877	882	rVB2	81096	127849	2.18%	0.156%
77	12.362	897	899	901	rBV	91180	113188	1.93%	0.138%
78	12.408	901	903	905	rVB2	115120	162542	2.77%	0.198%
79	12.522	911	913	916	rBV	1010256	882149	15.01%	1.073%
80	12.751	930	933	935	rBV	896518	899010	15.30%	1.094%
81	12.899	944	946	949	rVB	3600176	3546291	60.36%	4.314%
82	12.968	949	952	956	rVB4	59630	113042	1.92%	0.138%
83	13.082	958	962	963	rVB2	118838	203310	3.46%	0.247%
84	13.139	963	967	969	rBV2	118009	169519	2.89%	0.206%
85	13.185	969	971	972	rBV	108804	122185	2.08%	0.149%
86	13.699	1013	1016	1017	rBV2	85391	132965	2.26%	0.162%
87	13.814	1023	1026	1034	rVB4	292619	651449	11.09%	0.793%
88	13.951	1035	1038	1043	rVB2	1442037	2209024	37.60%	2.687%
89	14.454	1081	1082	1087	rVB3	91698	219992	3.74%	0.268%
90	14.797	1110	1112	1117	rVB3	89607	132485	2.25%	0.161%
91	14.957	1124	1126	1131	rBV	471997	860585	14.65%	1.047%
92	15.059	1131	1135	1137	rBV3	102581	185606	3.16%	0.226%
93	15.242	1148	1151	1154	rVB	265642	336392	5.73%	0.409%
94	15.300	1154	1156	1159	rBV	317753	379871	6.47%	0.462%
95	15.357	1159	1161	1168	rVB	998671	1344770	22.89%	1.636%
96	16.408	1250	1253	1260	rVB8	50607	167726	2.85%	0.204%
97	16.705	1276	1279	1283	rBV2	147679	289020	4.92%	0.352%
98	17.117	1312	1315	1320	rVB	132079	280412	4.77%	0.341%
99	17.460	1342	1345	1348	rVB2	50234	120893	2.06%	0.147%
100	18.214	1406	1411	1416	rVB2	58239	212405	3.62%	0.258%

Sum of corrected areas: 82200918

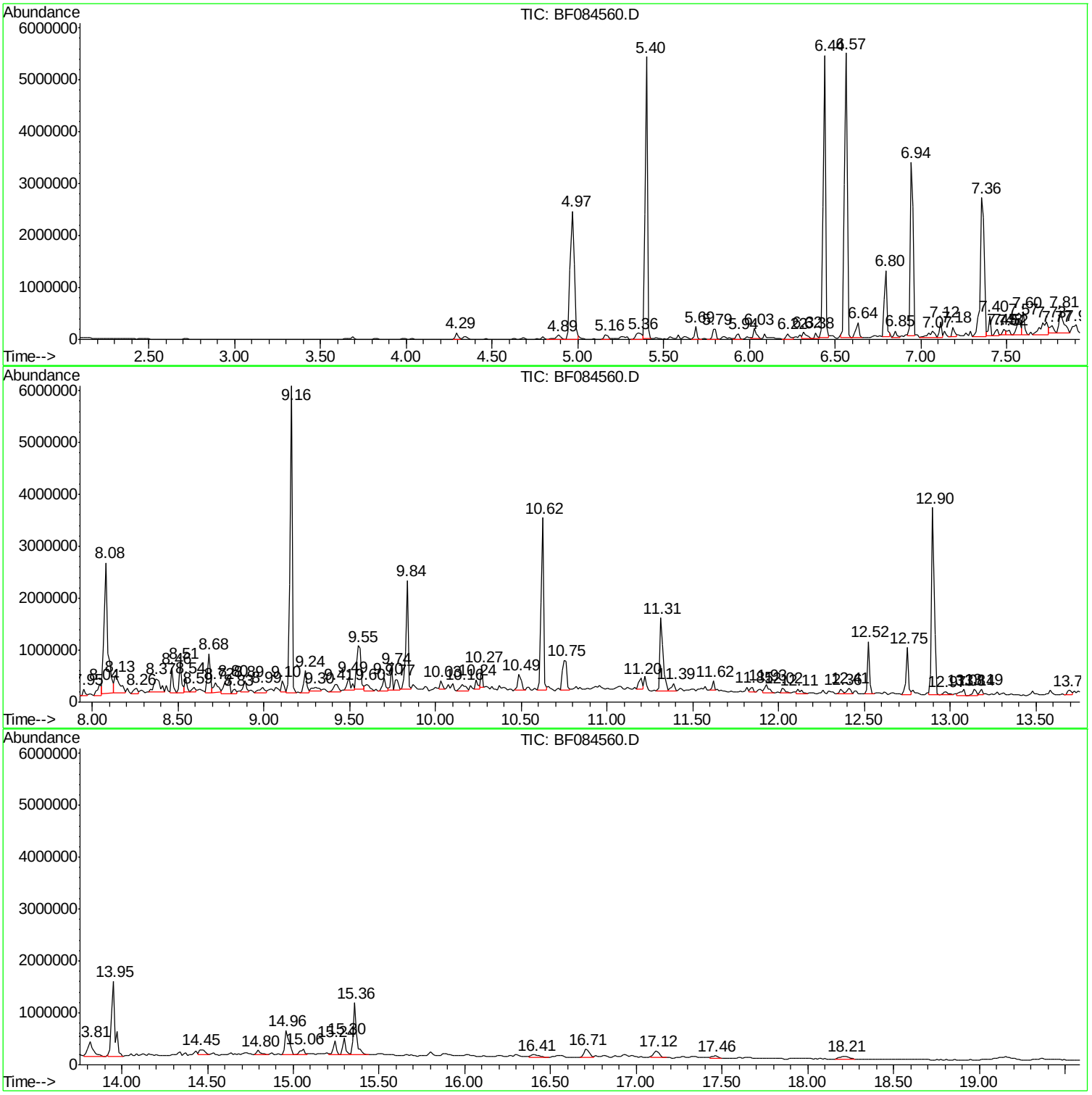
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084560.D
Acq On : 19 Jan 2016 18:56
Operator : SJ/UM
Sample : H1169-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011916\
Data File : BF084560.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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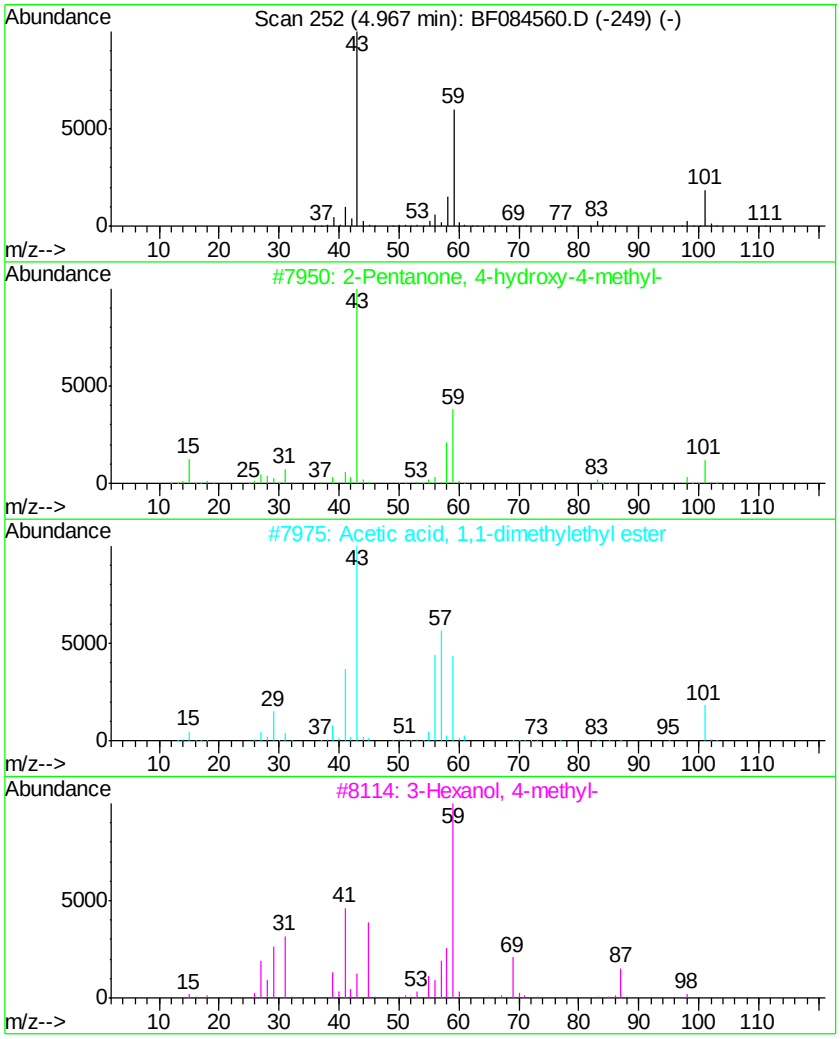
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

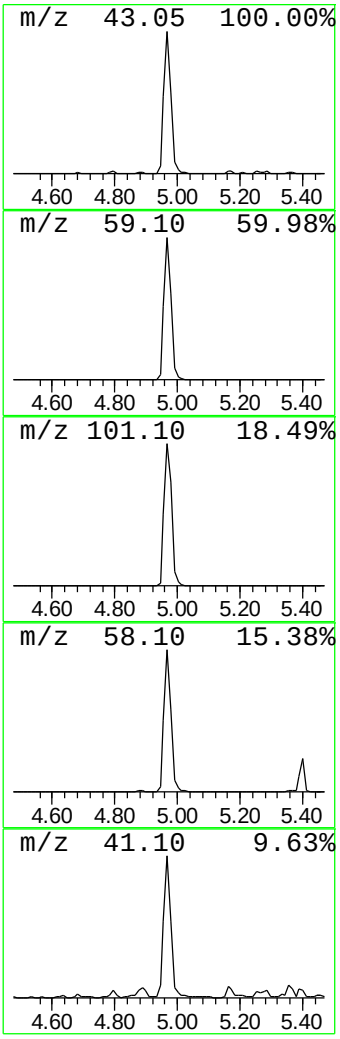
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	52.92 ng	3882360	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084560.D
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Operator : SJ/UM
Sample : H1169-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

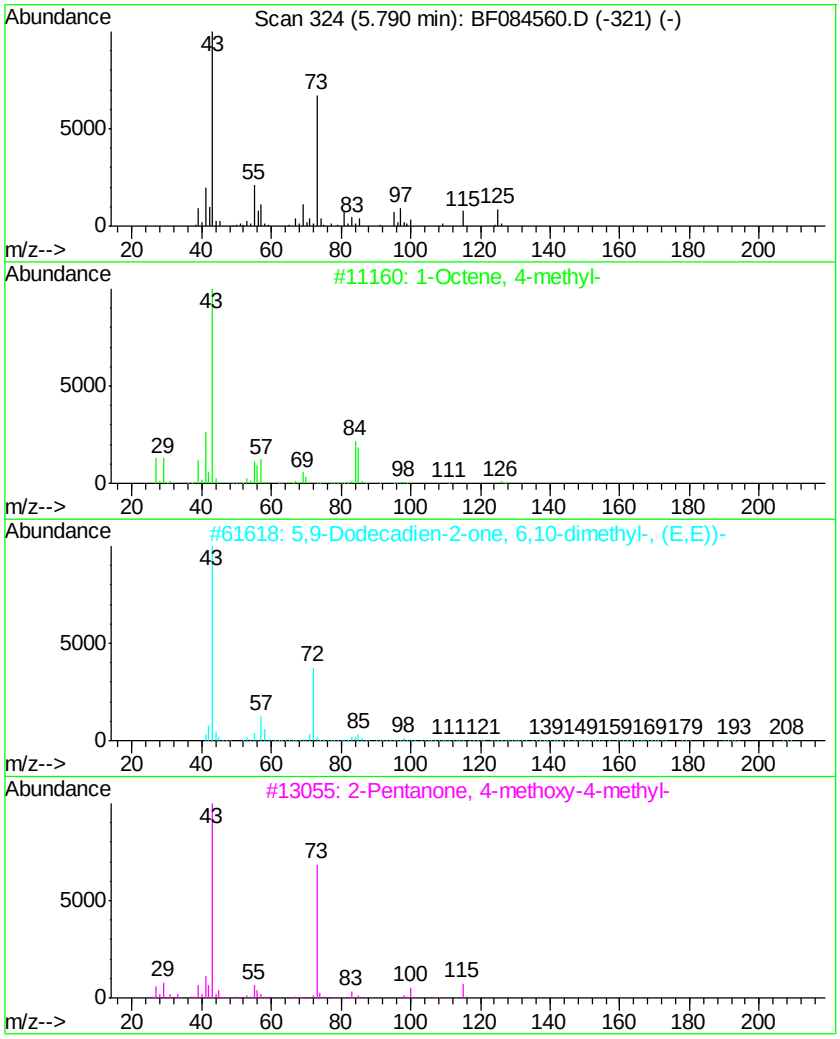
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

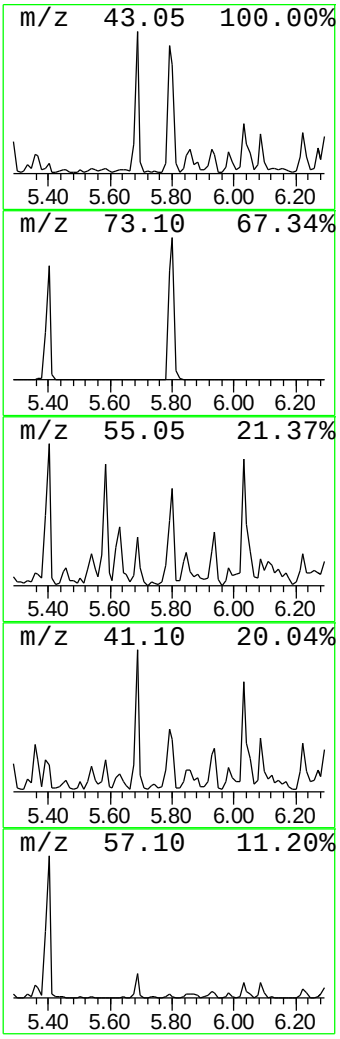
****

Peak Number 2 unknown5.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	4.08 ng	299543	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 4-methyl-	126	C9H18	013151-12-7	43
2	5,9-Dodecadien-2-one, 6,10-dimet...	208	C14H24O	1000132-10-9	38
3	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	38
4	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	35
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	32





Library Search Compound Report

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Acq On : 19 Jan 2016 18:56
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Sample : H1169-09
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Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

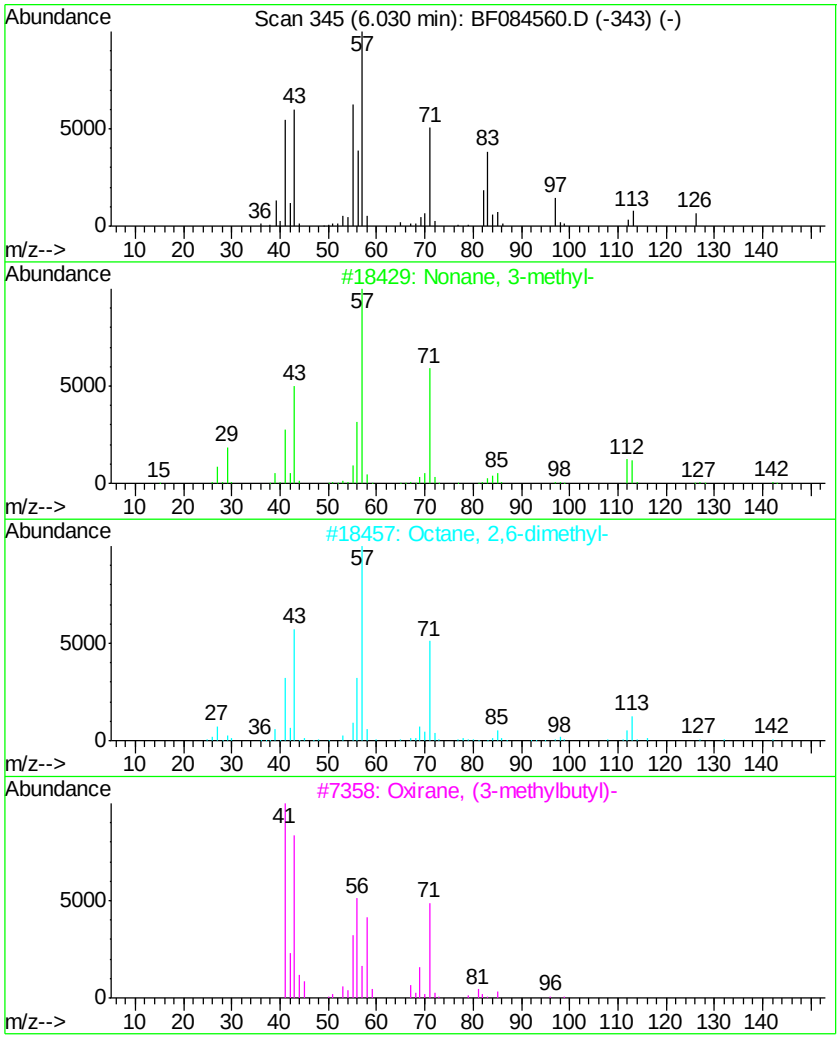
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

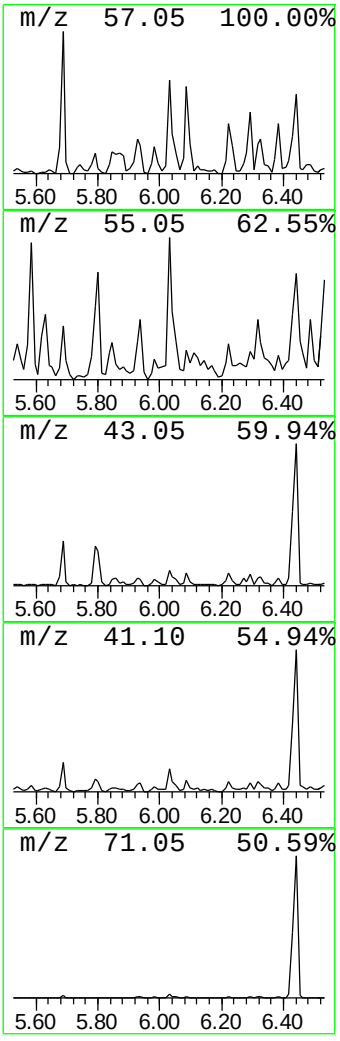
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	3.22 ng	236168	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	38
4	Eicosane	282	C20H42	000112-95-8	38
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	35





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Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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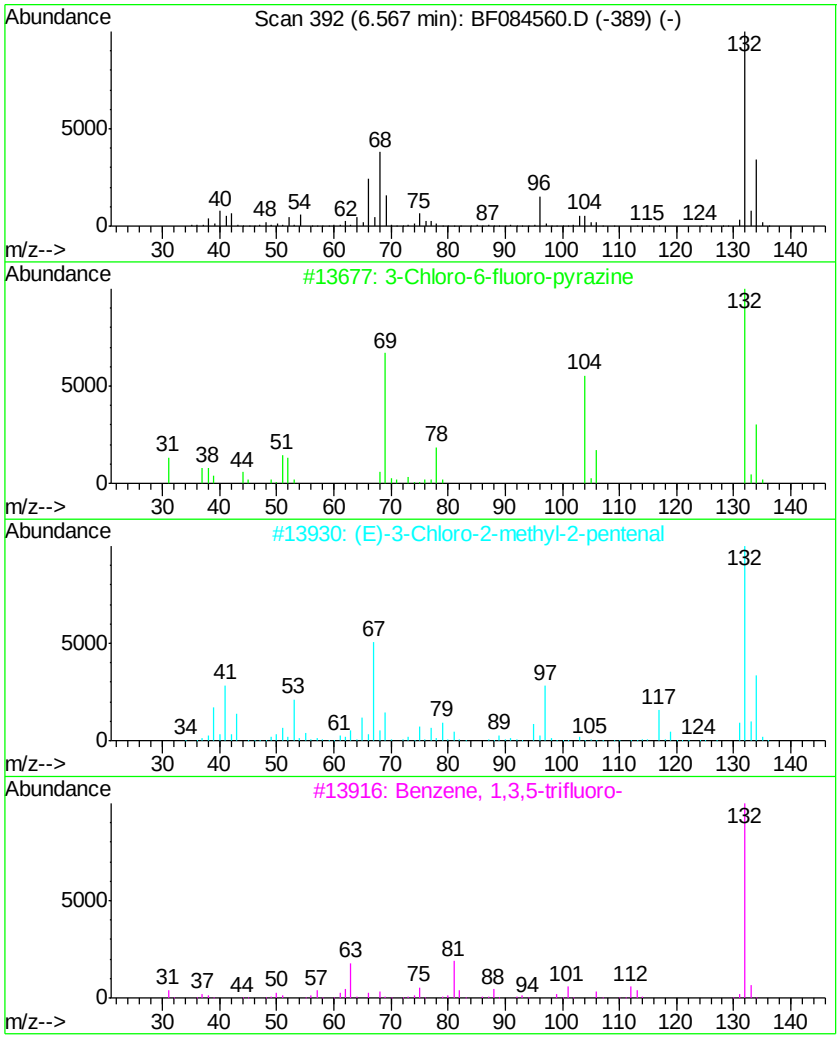
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

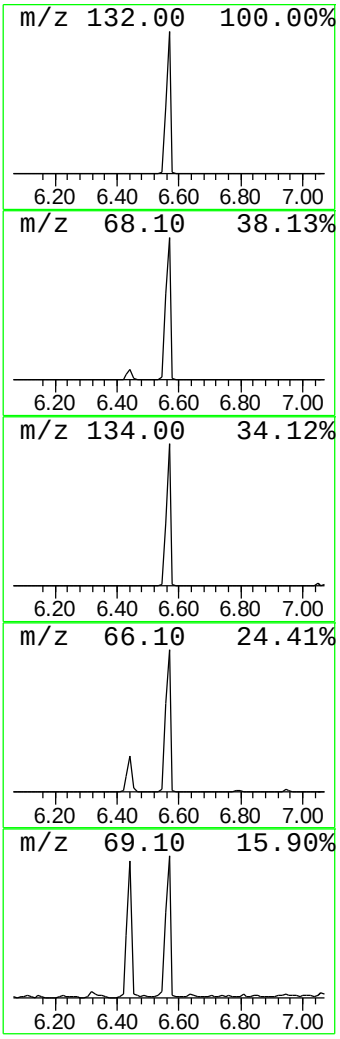
****

Peak Number 4 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	80.09 ng	5875490	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/UM
Sample : H1169-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

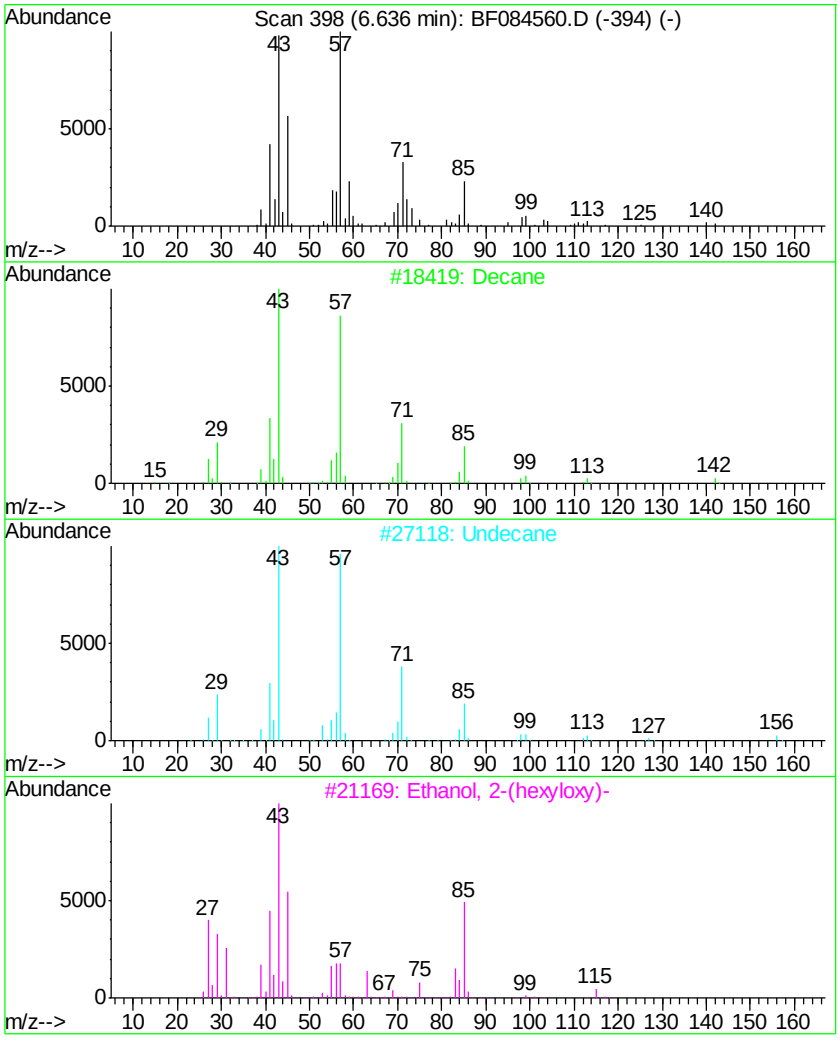
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

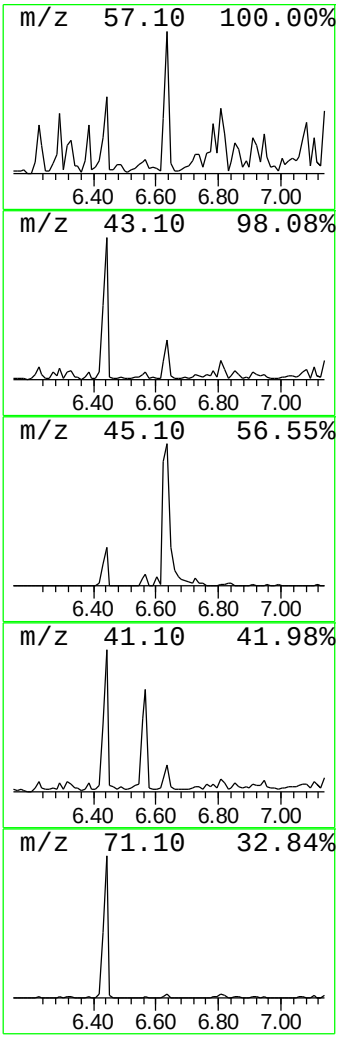
****

Peak Number 5 unknown6.64 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	5.88 ng	431371	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	38
2	Undecane	156	C11H24	001120-21-4	38
3	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	35
4	Nonane	128	C9H20	000111-84-2	35
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35





Library Search Compound Report

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Data File : BF084560.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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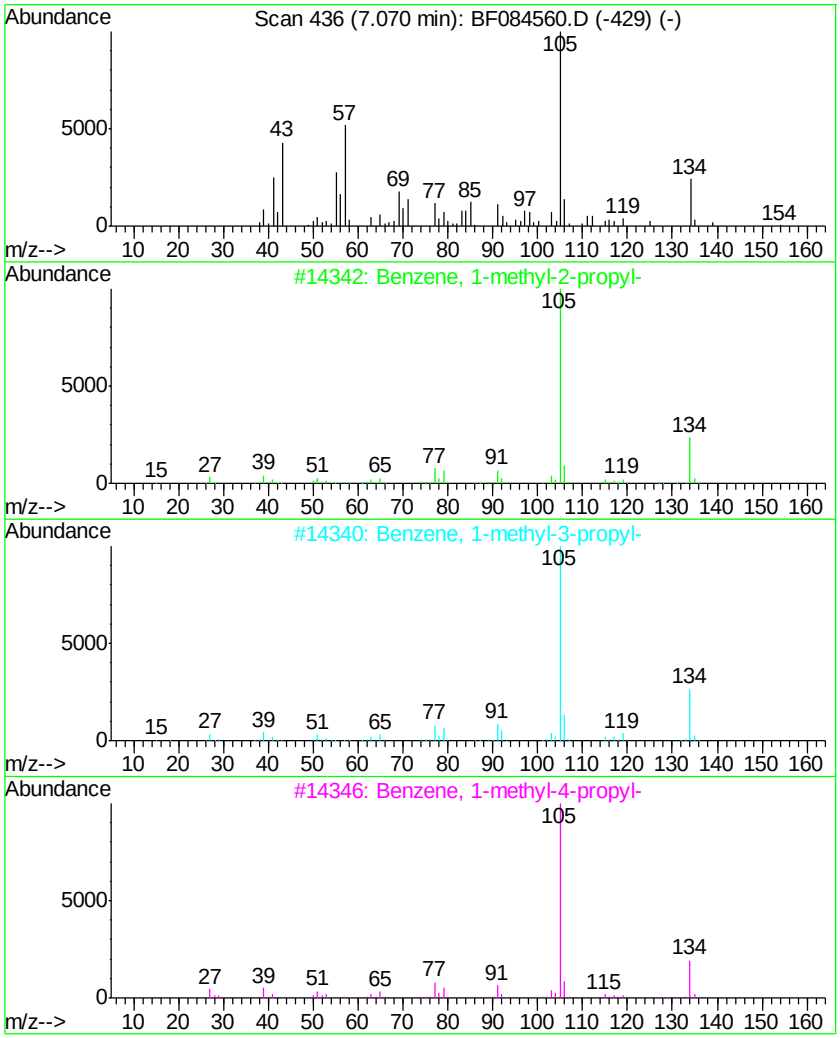
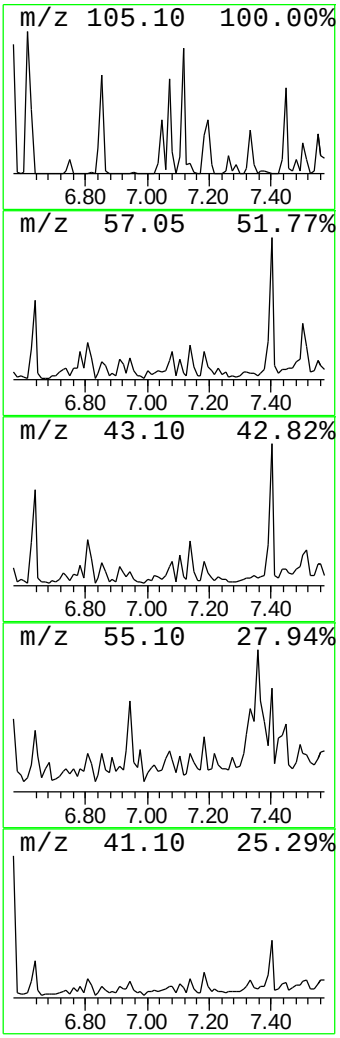
Peak Number 7 Benzene, 1-methyl-2-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.40 ng	322714	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	92
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	52





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Acq On : 19 Jan 2016 18:56
Operator : SJ/UM
Sample : H1169-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

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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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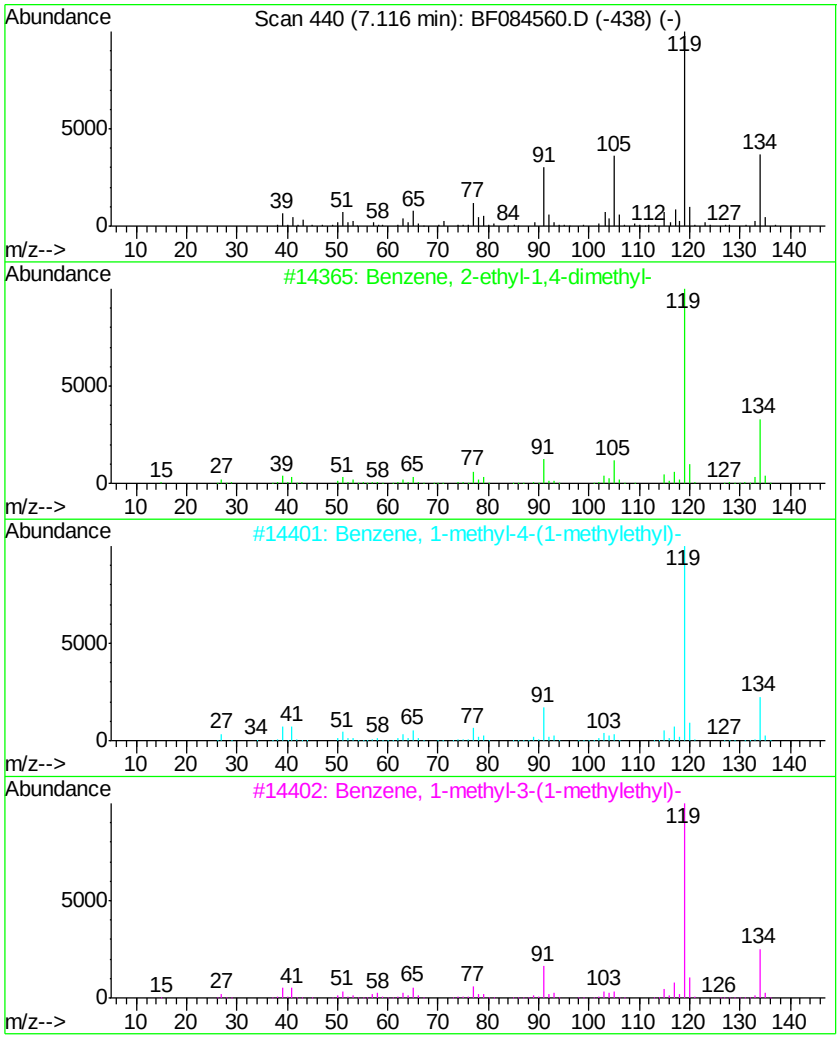
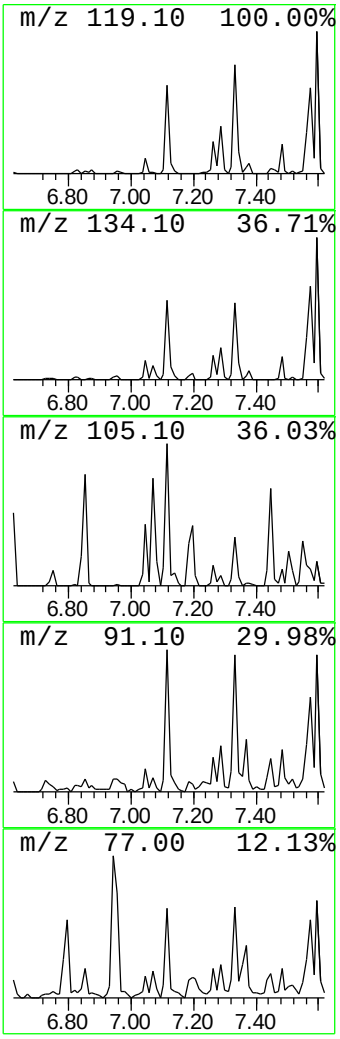
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	4.01 ng	293995	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





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Instrument : BNA_F
ClientSampleId : SP-005(0-2)

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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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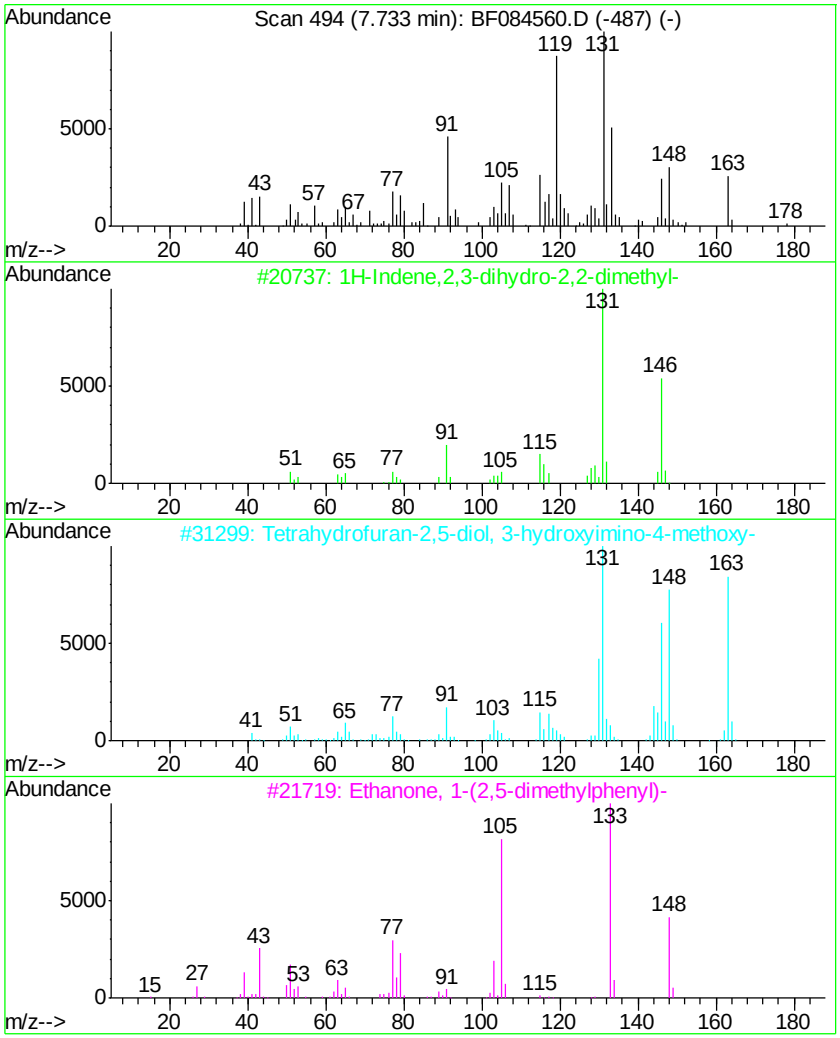
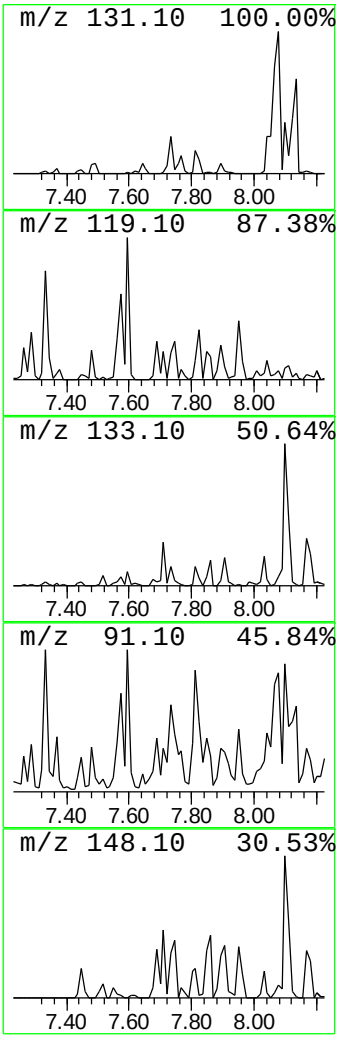
Peak Number 9 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	4.28 ng	763253	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	56
2	Tetrahydrofuran-2,5-diol, 3-hydr...	163	C5H9NO5	1000128-93-0	45
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	44
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	42
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42





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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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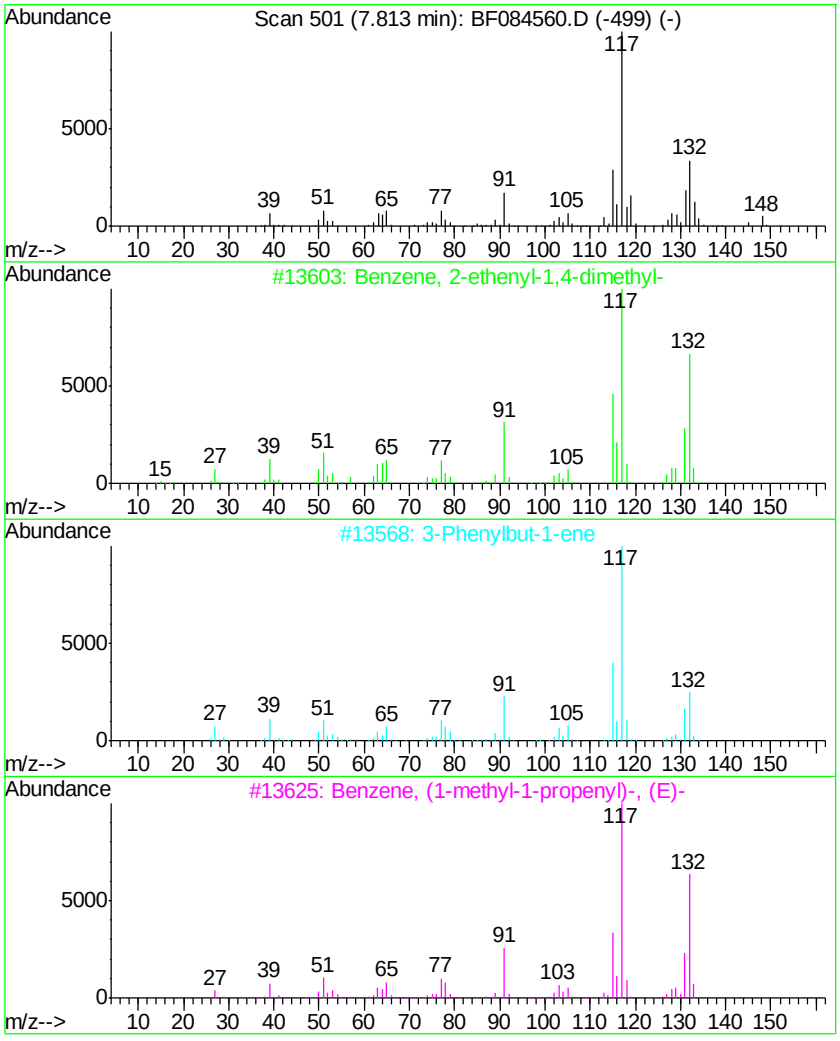
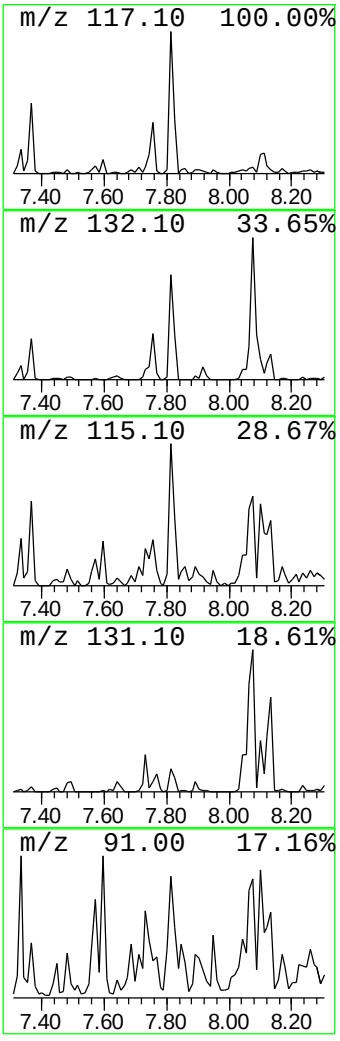
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	4.87 ng	868262	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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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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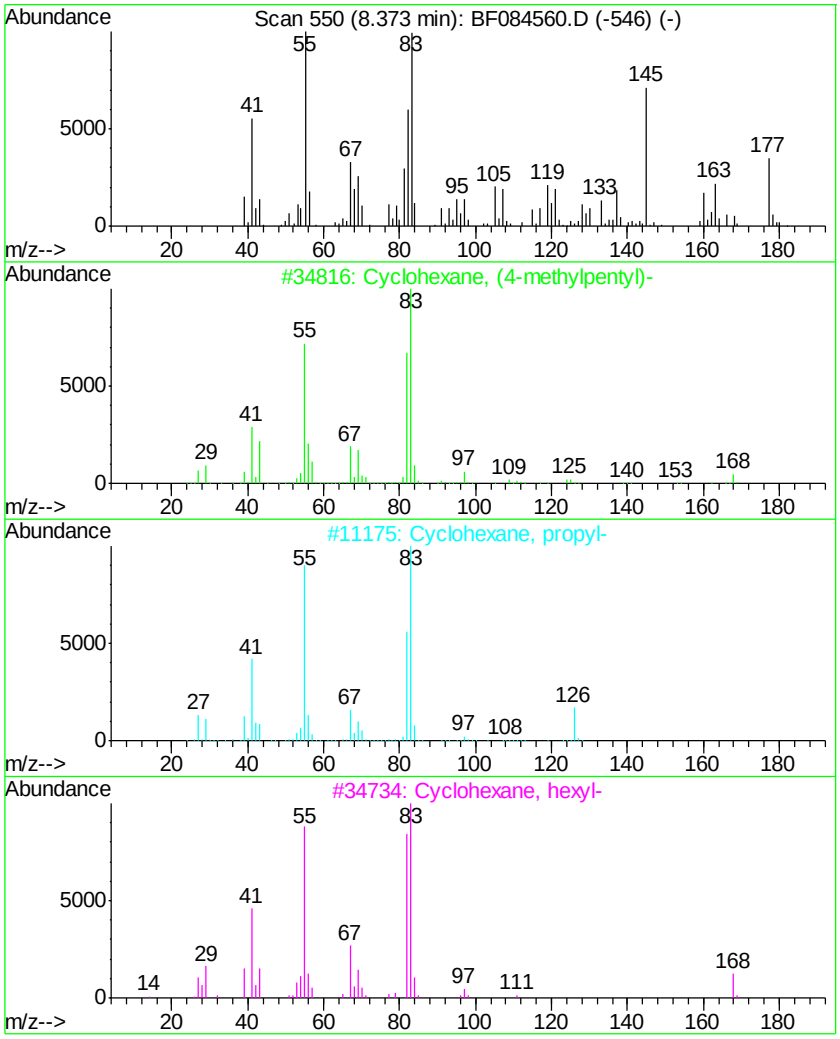
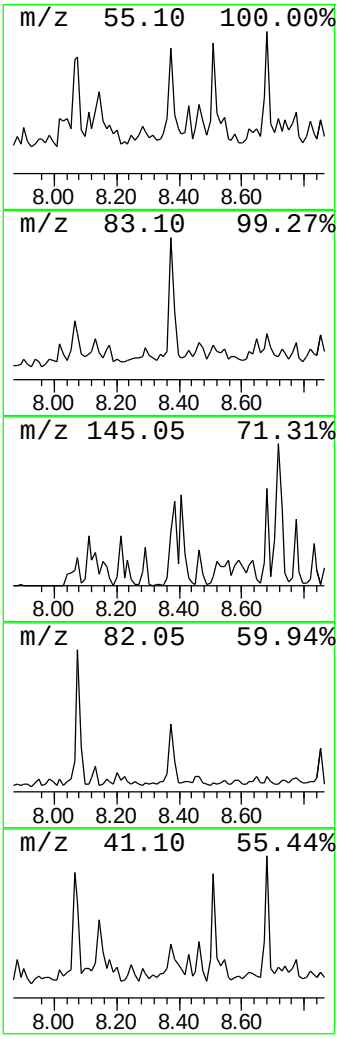
Peak Number 11 unknown8.37 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	3.60 ng	640656	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	35
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	35
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35





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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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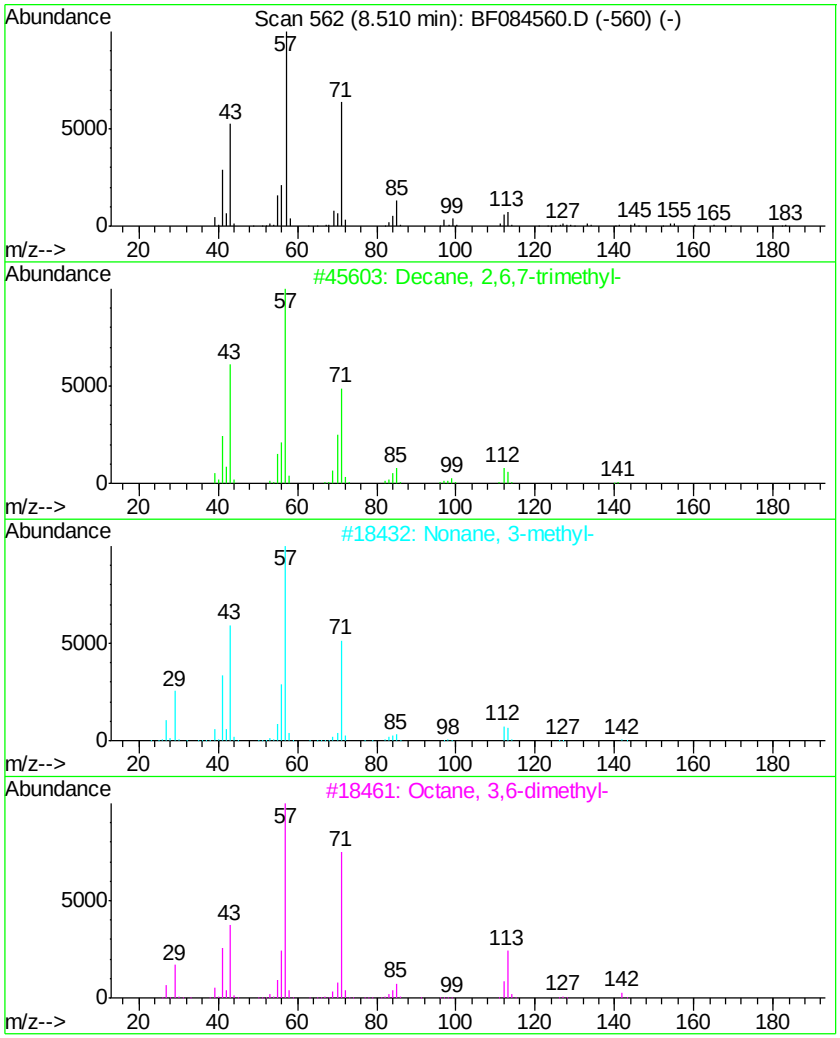
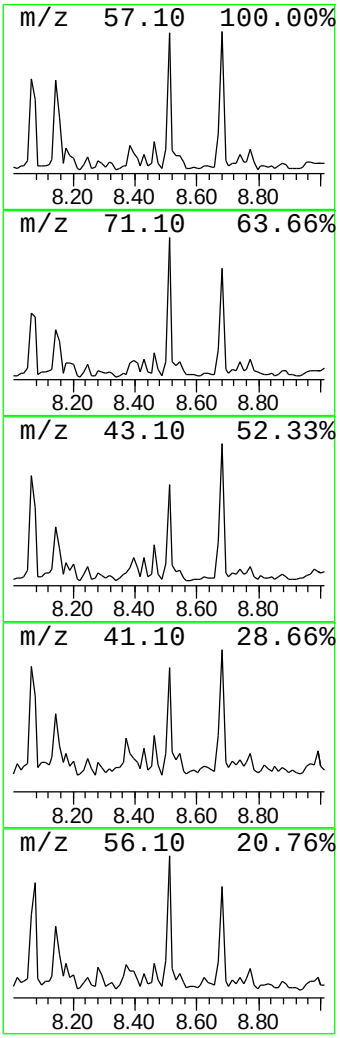
Peak Number 12 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.60 ng	640949	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

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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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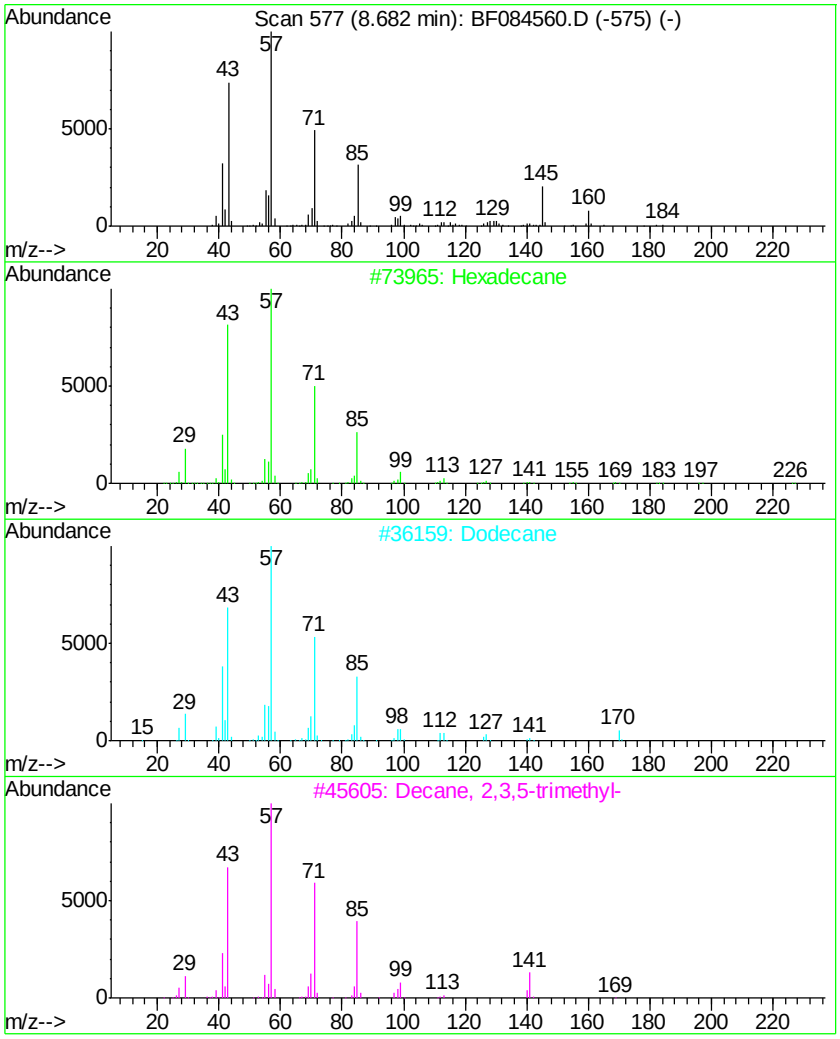
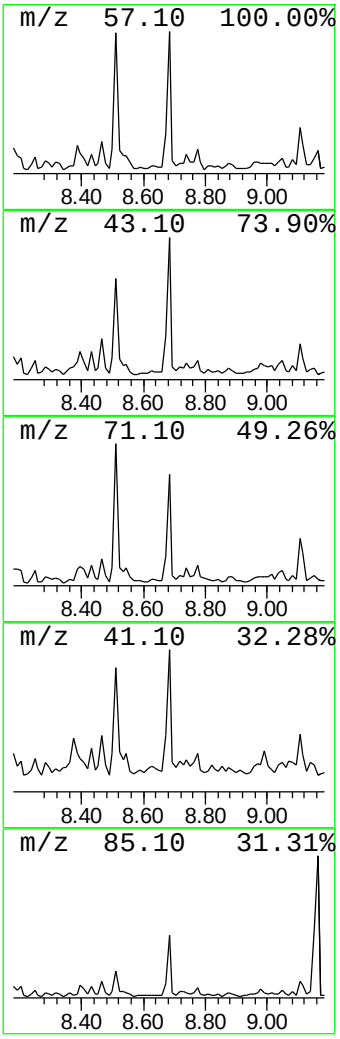
Peak Number 13 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	4.34 ng	773586	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Dodecane	170	C12H26	000112-40-3	59
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
4	Tetradecane	198	C14H30	000629-59-4	59
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	58





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Sample : H1169-09
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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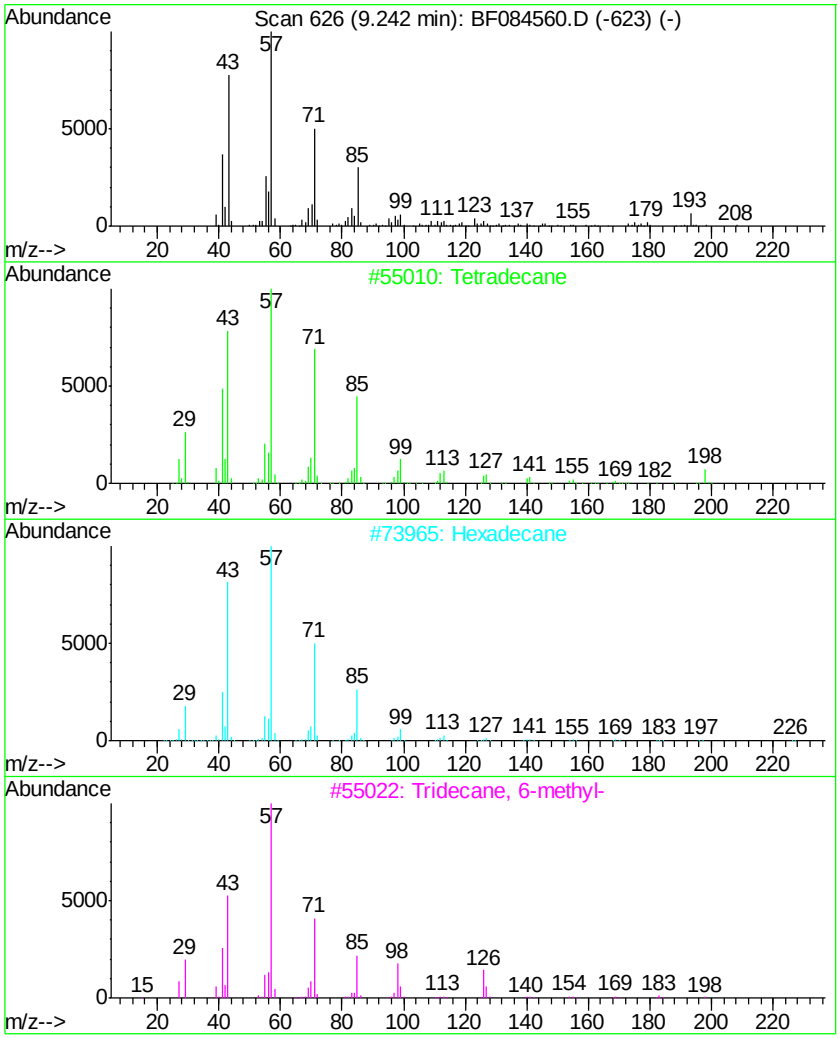
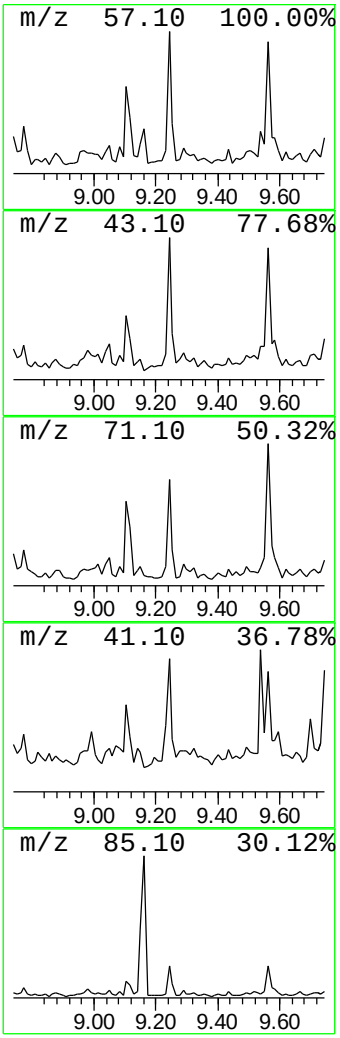
Peak Number 14 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.13 ng	540022	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53





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Instrument : BNA_F
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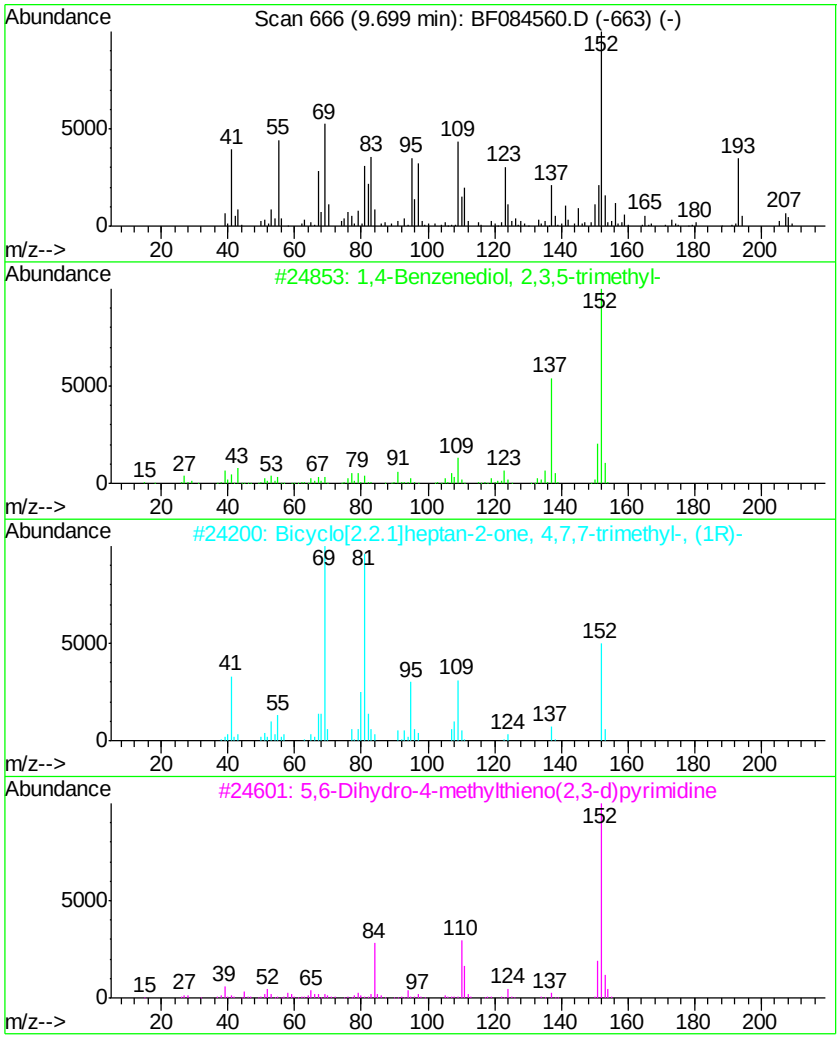
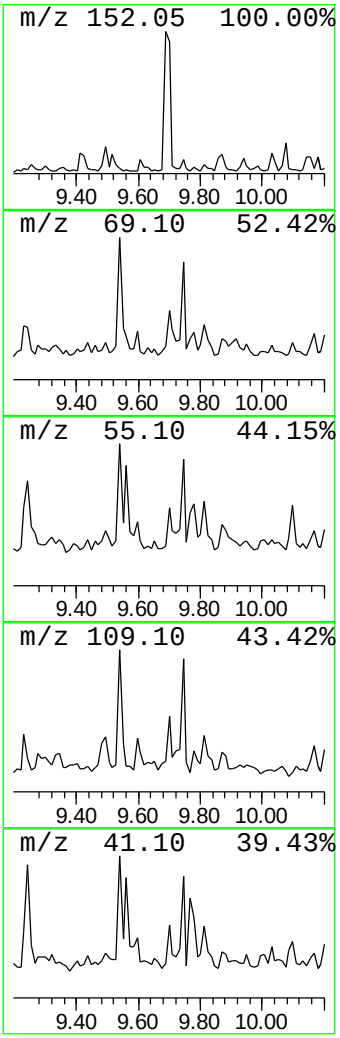
Peak Number 15 unknown9.70 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.31 ng	348343	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	49
2	Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	013854-85-8	38
3	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	38
4	Biphenylene	152	C12H8	000259-79-0	38
5	Trimethyl thioborate	152	C3H9BS3	000997-49-9	38





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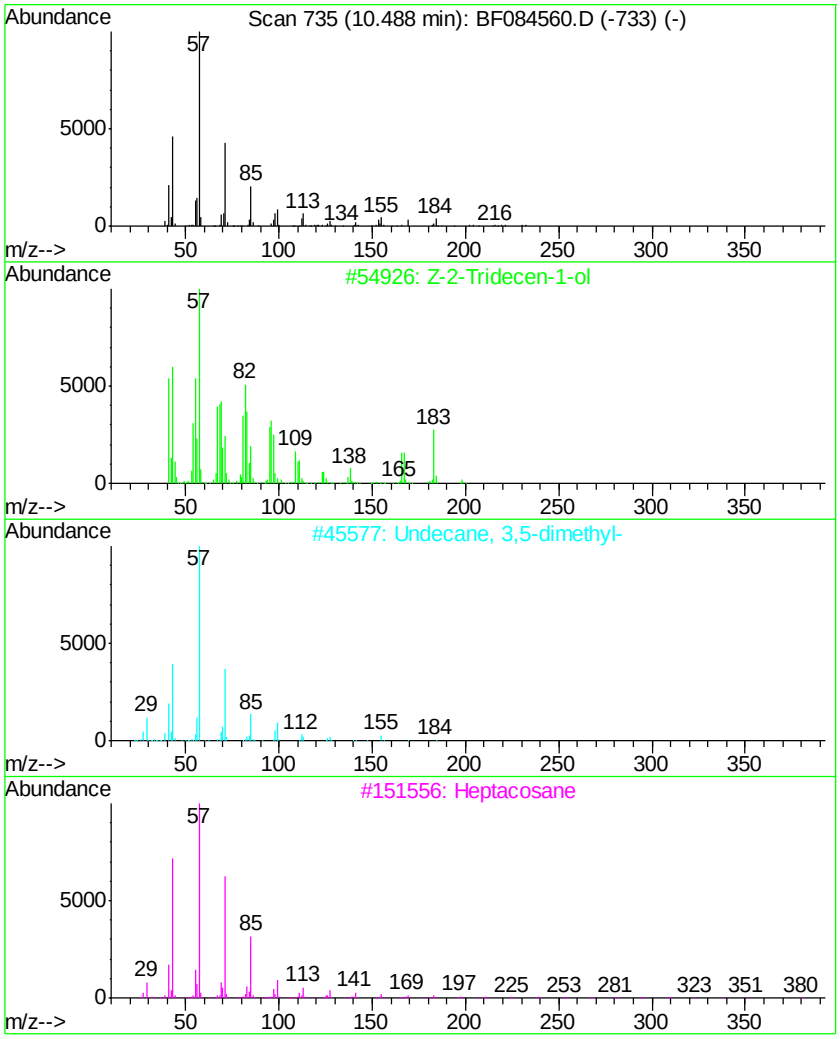
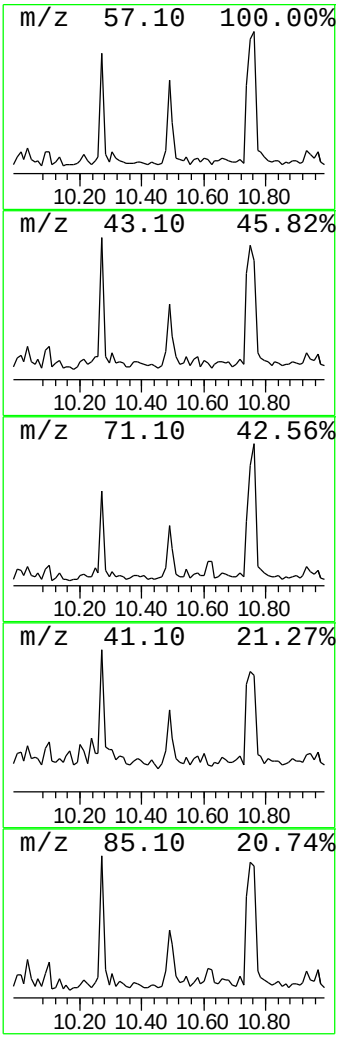
Peak Number 16 Z-2-Tridecen-1-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.52 ng	371039	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	83
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Eicosane	282	C20H42	000112-95-8	64
5	Tridecane	184	C13H28	000629-50-5	64





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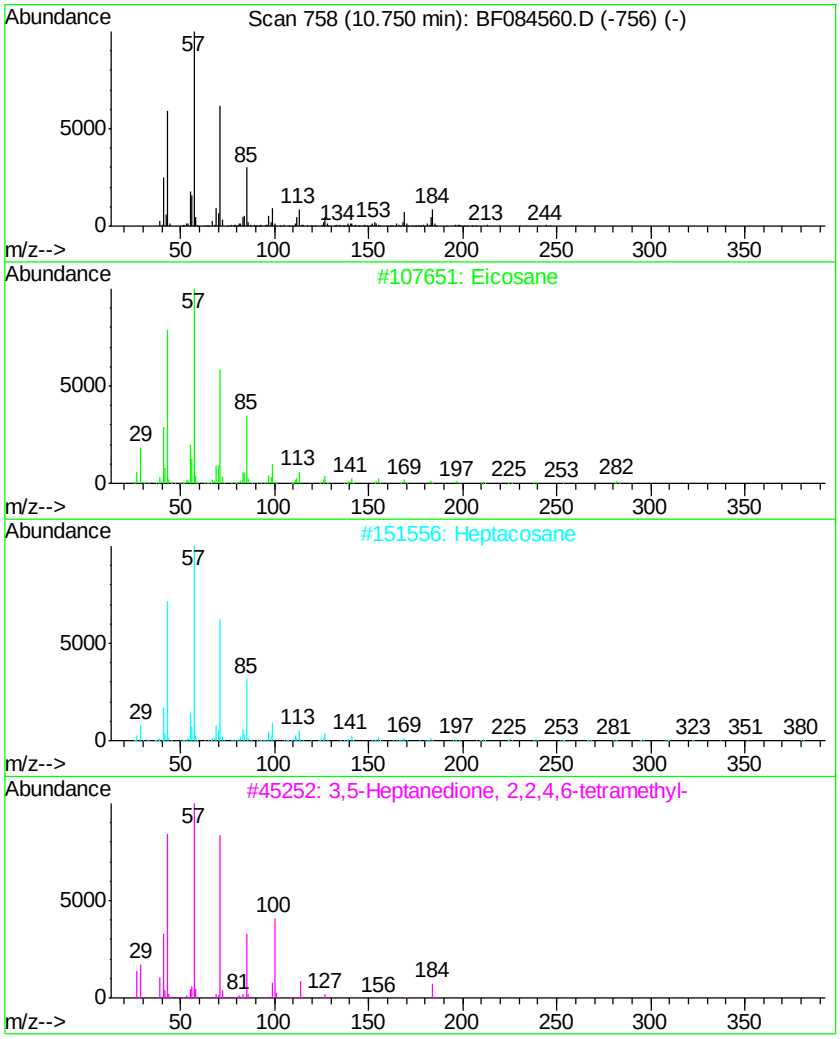
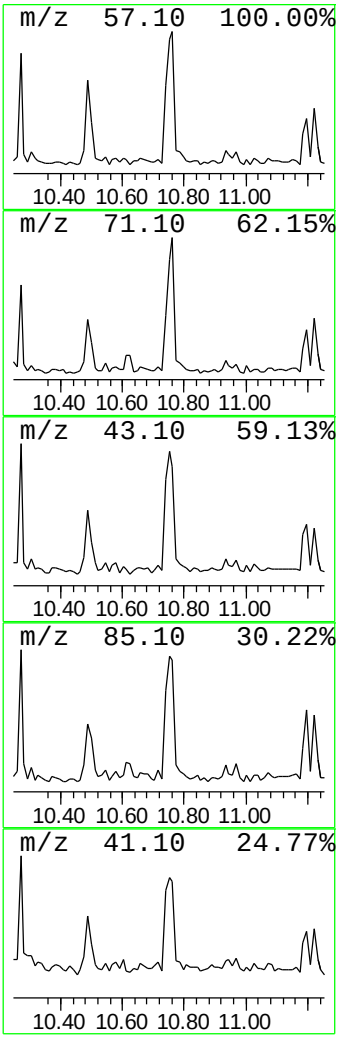
Peak Number 17 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	11.23 ng	1085910	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	3,5-Heptanedione, 2,2,4,6-tetram...	184	C11H20O2	1000162-24-5	81
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	68





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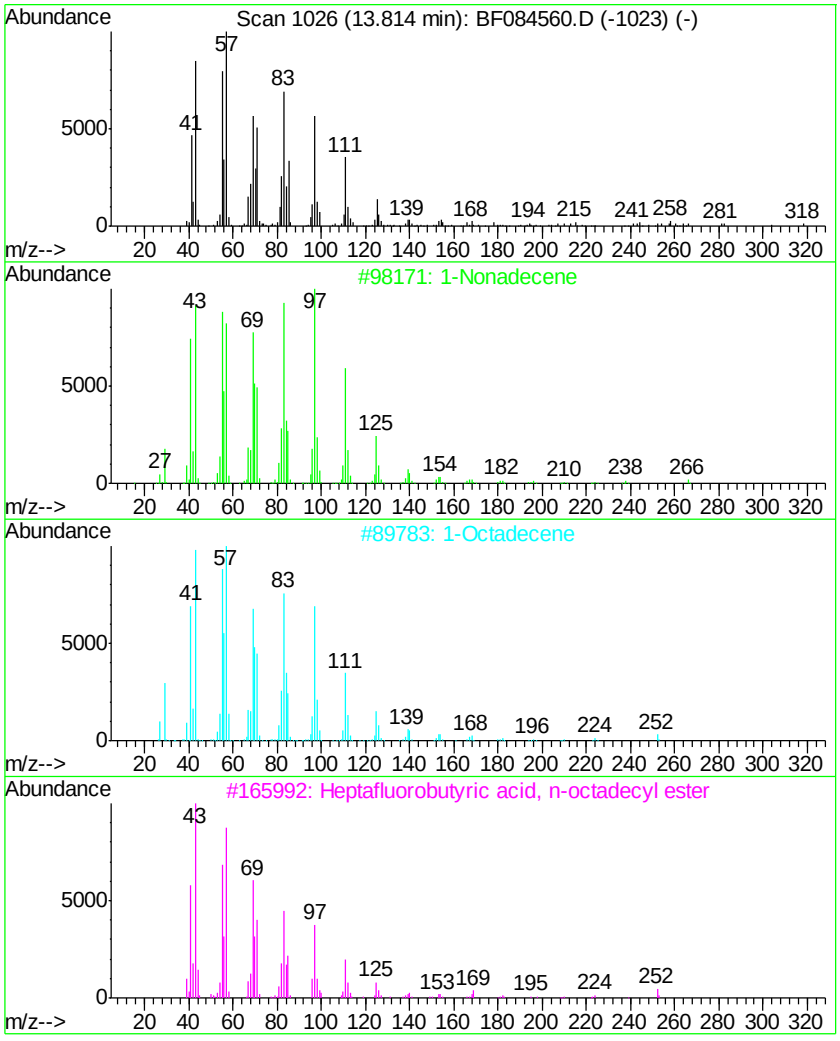
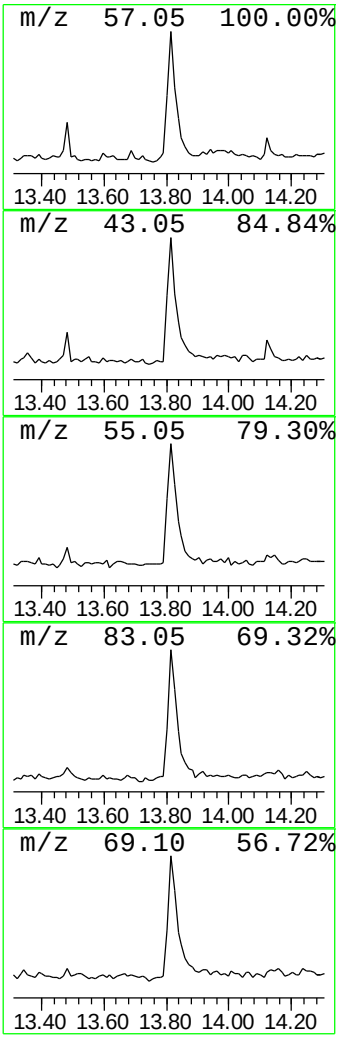
Peak Number 18 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.90 ng	651449	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	1-Octadecene	252	C18H36	000112-88-9	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	1-Tetracosanol	354	C24H50O	000506-51-4	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084560.D
Acq On : 19 Jan 2016 18:56
Operator : SJ/UM
Sample : H1169-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

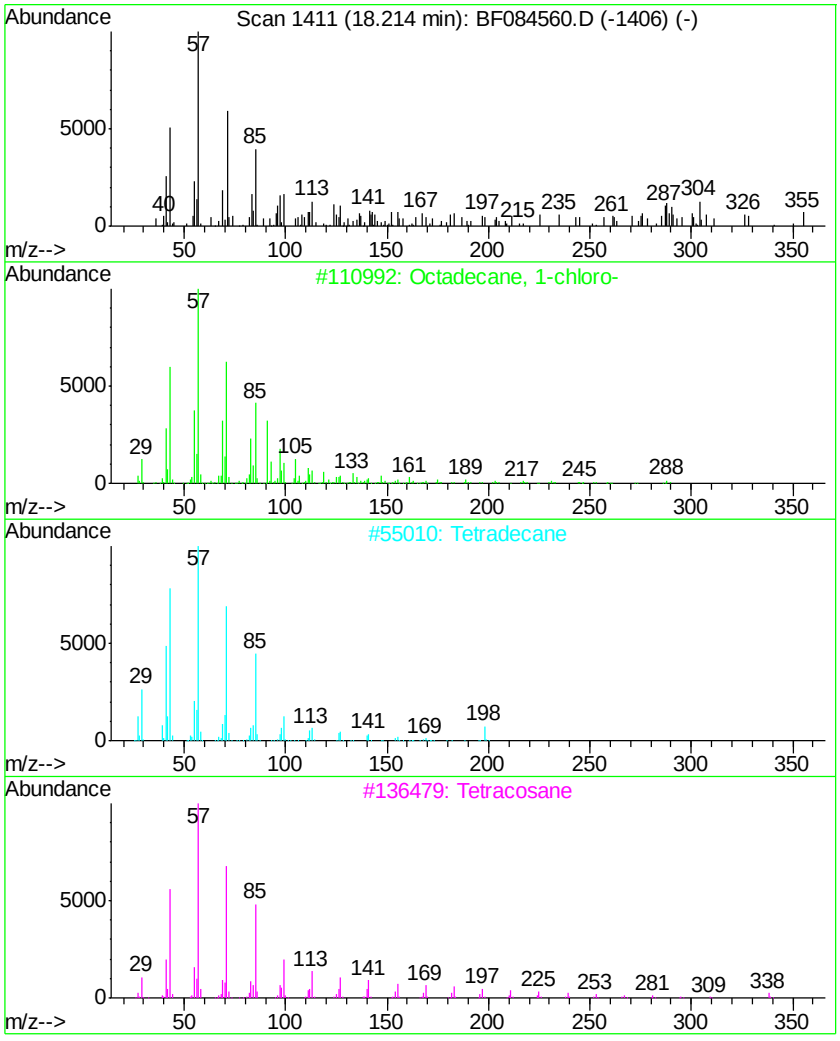
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

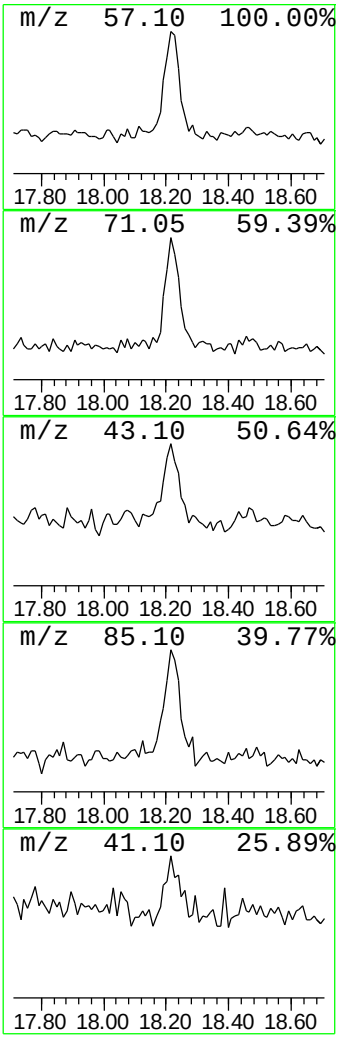
****

Peak Number 20 Octadecane, 1-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.16 ng	212405	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
2	Tetradecane	198	C14H30	000629-59-4	55
3	Tetracosane	338	C24H50	000646-31-1	49
4	Tetratetracontane	619	C44H90	007098-22-8	49
5	Heptacosane	380	C27H56	000593-49-7	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084560.D
Acq On : 19 Jan 2016 18:56
Operator : SJ/UM
Sample : H1169-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-005(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	4.97	52.9	ng	3882360	1	6.80	1467190	20.0
unknown5.79	5.79	4.1	ng	299543	1	6.80	1467190	20.0
Nonane, 3-methyl-	6.03	3.2	ng	236168	1	6.80	1467190	20.0
unknown6.57	6.57	80.1	ng	5875490	1	6.80	1467190	20.0
unknown6.64	6.64	5.9	ng	431371	1	6.80	1467190	20.0
Benzene, 1-methyl...	7.07	4.4	ng	322714	1	6.80	1467190	20.0
Benzene, 2-ethyl-...	7.12	4.0	ng	293995	1	6.80	1467190	20.0
1H-Indene,2,3-dih...	7.73	4.3	ng	763253	2	8.08	3563150	20.0
Benzene, 2-etheny...	7.81	4.9	ng	868262	2	8.08	3563150	20.0
unknown8.37	8.37	3.6	ng	640656	2	8.08	3563150	20.0
Decane, 2,6,7-tri...	8.51	3.6	ng	640949	2	8.08	3563150	20.0
Hexadecane	8.68	4.3	ng	773586	2	8.08	3563150	20.0
Tetradecane	9.24	5.1	ng	540022	3	9.84	2106430	20.0
unknown9.70	9.70	3.3	ng	348343	3	9.84	2106430	20.0
Z-2-Tridecen-1-ol	10.49	3.5	ng	371039	3	9.84	2106430	20.0
Eicosane	10.75	11.2	ng	1085910	4	11.31	1933860	20.0
1-Nonadecene	13.81	5.9	ng	651449	5	13.95	2209020	20.0
Octadecane, 1-chl...	18.21	3.2	ng	212405	6	15.36	1344770	20.0