LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087527.D
Acq On : 29 May 2016 23:57
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.078	41	43	53	rVB2	33031	77290	2.31%	0.211%
2	2.958	116	120	129	rVB	40302	100707	3.01%	0.276%
3	3.210	134	142	146	rBV2	21752	64145	1.92%	0.176%
4	3.724	182	187	191	rBV2	24556	70783	2.12%	0.194%
5	3.907	196	203	213	rVB3	30898	124258	3.72%	0.340%
6	4.296	230	237	240	rBV	28549	78560	2.35%	0.215%
7	4.433	245	249	252	rVV3	24401	64153	1.92%	0.176%
8	4.524	254	257	261	rVV2	43759	87803	2.63%	0.240%
9	4.707	270	273	291	rVV	157931	557700	16.69%	1.526%
10	5.084	304	306	312	rBV	42583	119075	3.56%	0.326%
11	5.187	312	315	320	rVB2	42062	106735	3.19%	0.292%
12	5.267	320	322	328	rBV5	24163	76655	2.29%	0.210%
13	5.404	333	334	347	rVV	273277	851438	25.48%	2.330%
14	5.587	347	350	352	rVV2	31725	71284	2.13%	0.195%
15	6.021	386	388	392	rBV	29523	63128	1.89%	0.173%
16	6.090	392	394	398	rVB2	45145	65253	1.95%	0.179%
17	6.170	398	401	403	rBV	32558	67341	2.02%	0.184%
18	6.444	422	425	430	rBV2	47155	109863	3.29%	0.301%
19	6.673	441	445	449	rVB3	29444	75605	2.26%	0.207%
20	6.787	454	455	460	rVB	67865	114882	3.44%	0.314%
21	6.867	460	462	464	rBV	97979	179616	5.38%	0.491%
22	6.902	464	465	469	rVB	70816	104373	3.12%	0.286%
23	6.970	469	471	476	rBV	183220	350653	10.49%	0.959%
24	7.050	476	478	483	rVV	228031	475472	14.23%	1.301%
25	7.130	483	485	489	rVV	1060955	2135456	63.90%	5.843%
26	7.199	489	491	496	rVB	284810	451721	13.52%	1.236%
27	7.404	505	509	511	rVB3	34537	74263	2.22%	0.203%
28	7.473	513	515	519	rVV	449617	662237	19.82%	1.812%
29	7.564	519	523	526	rVV2	202126	414854	12.41%	1.135%
30	7.610	526	527	531	rVB	62107	72637	2.17%	0.199%
31	7.702	532	535	541	rVV2	1622070	2795439	83.65%	7.649%
32	7.793	541	543	547	rVV3	48828	137935	4.13%	0.377%
33	7.896	549	552	555	rVV2	169103	311405	9.32%	0.852%
34	8.022	560	563	567	rBV2	139130	397792	11.90%	1.088%

LSC Area Percent Report

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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
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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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.124	570	572	575	rVB	50851	74264	2.22%	0.203%
36	8.239	580	582	584	rBV	139289	161265	4.83%	0.441%
37	8.365	587	593	594	rVV2	502105	1390001	41.60%	3.803%
38	8.387	594	595	603	rVV	1314277	1815435	54.33%	4.968%
39	8.536	606	608	609	rVV	58800	104522	3.13%	0.286%
40	8.570	609	611	615	rVV2	86471	182518	5.46%	0.499%
41	8.719	620	624	626	rVV	249846	348108	10.42%	0.953%
42	8.765	626	628	631	rVV	220569	329322	9.85%	0.901%
43	8.822	631	633	637	rVB2	45716	74421	2.23%	0.204%
44	8.970	644	646	647	rBV	75286	109306	3.27%	0.299%
45	8.993	647	648	653	rVB2	237961	406951	12.18%	1.114%
46	9.096	654	657	663	rBV2	406922	923136	27.62%	2.526%
47	9.199	663	666	669	rVV3	54244	126935	3.80%	0.347%
48	9.256	669	671	676	rVB4	70400	184352	5.52%	0.504%
49	9.359	677	680	683	rVB2	45007	70298	2.10%	0.192%
50	9.427	683	686	688	rBV2	33789	63726	1.91%	0.174%
51	9.507	690	693	698	rVV	677440	1352412	40.47%	3.701%
52	9.599	698	701	707	rVB2	178823	358886	10.74%	0.982%
53	9.702	708	710	715	rVB3	38790	78353	2.34%	0.214%
54	9.976	732	734	737	rBV	54640	96277	2.88%	0.263%
55	10.045	737	740	744	rVV5	25697	77065	2.31%	0.211%
56	10.159	748	750	753	rVB	51387	65423	1.96%	0.179%
57	10.285	758	761	764	rBV	59774	94775	2.84%	0.259%
58	10.342	764	766	770	rVB2	69812	122784	3.67%	0.336%
59	10.582	782	787	791	rBV5	55759	172460	5.16%	0.472%
60	10.650	791	793	795	rVV3	35452	69257	2.07%	0.190%
61	10.685	795	796	800	rVV	77964	139551	4.18%	0.382%
62	10.822	806	808	811	rVV2	154799	289736	8.67%	0.793%
63	10.868	811	812	817	rVV2	96280	192830	5.77%	0.528%
64	11.108	830	833	836	rVV4	30608	84905	2.54%	0.232%
65	11.211	839	842	845	rVV4	34664	100284	3.00%	0.274%
66	11.279	845	848	857	rVB	2441160	3341687	100.00%	9.144%
67	11.531	864	870	872	rBV3	51150	137199	4.11%	0.375%
68	11.713	884	886	888	rBV2	33425	74815	2.24%	0.205%
69	11.816	893	895	898	rVV	69191	145653	4.36%	0.399%
70	11.862	898	899	902	rVV	58213	106961	3.20%	0.293%
71	11.931	902	905	908	rVV5	34734	111417	3.33%	0.305%

LSC Area Percent Report

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Instrument : BNA_F
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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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.988	908	910	918	rVV	156030	416399	12.46%	1.139%
73	12.136	919	923	927	rVB3	25811	78484	2.35%	0.215%
74	12.331	937	940	944	rBV	671340	1063627	31.83%	2.910%
75	12.571	959	961	967	rVB4	52480	115108	3.44%	0.315%
76	12.719	973	974	979	rVB2	31429	70638	2.11%	0.193%
77	13.154	1008	1012	1017	rVB2	46856	128620	3.85%	0.352%
78	13.508	1040	1043	1046	rBV3	51766	104525	3.13%	0.286%
79	13.622	1051	1053	1068	rVB	1103402	1897298	56.78%	5.192%
80	13.931	1078	1080	1088	rVB3	66018	173767	5.20%	0.475%
81	14.114	1094	1096	1105	rVB6	44627	126573	3.79%	0.346%
82	14.514	1129	1131	1134	rVB	91548	148213	4.44%	0.406%
83	14.662	1140	1144	1146	rVB2	42791	97997	2.93%	0.268%
84	14.742	1149	1151	1160	rVV	532590	1015315	30.38%	2.778%
85	15.154	1185	1187	1193	rVB2	29033	66838	2.00%	0.183%
86	15.268	1194	1197	1201	rVV	63174	168840	5.05%	0.462%
87	15.337	1201	1203	1209	rVB3	55321	131140	3.92%	0.359%
88	15.725	1234	1237	1244	rVB	123517	175862	5.26%	0.481%
89	16.491	1300	1304	1308	rVB	35795	65083	1.95%	0.178%
90	16.834	1330	1334	1337	rBV2	35425	97095	2.91%	0.266%
91	16.925	1340	1342	1346	rVV	218021	267857	8.02%	0.733%
92	16.994	1346	1348	1350	rVV	59388	68513	2.05%	0.187%
93	17.040	1350	1352	1354	rVV	103764	135196	4.05%	0.370%
94	17.085	1354	1356	1368	rVB	2557815	2938782	87.94%	8.041%
95	17.851	1421	1423	1426	rVV2	124582	157640	4.72%	0.431%
96	17.920	1426	1429	1430	rVV2	114500	165789	4.96%	0.454%
97	18.354	1463	1467	1474	rVV2	35578	130006	3.89%	0.356%
98	18.457	1474	1476	1492	rVB	353703	797147	23.85%	2.181%
99	20.137	1621	1623	1636	rBV2	214334	594938	17.80%	1.628%
100	20.903	1686	1690	1697	rVB4	17419	61030	1.83%	0.167%

Sum of corrected areas: 36546121

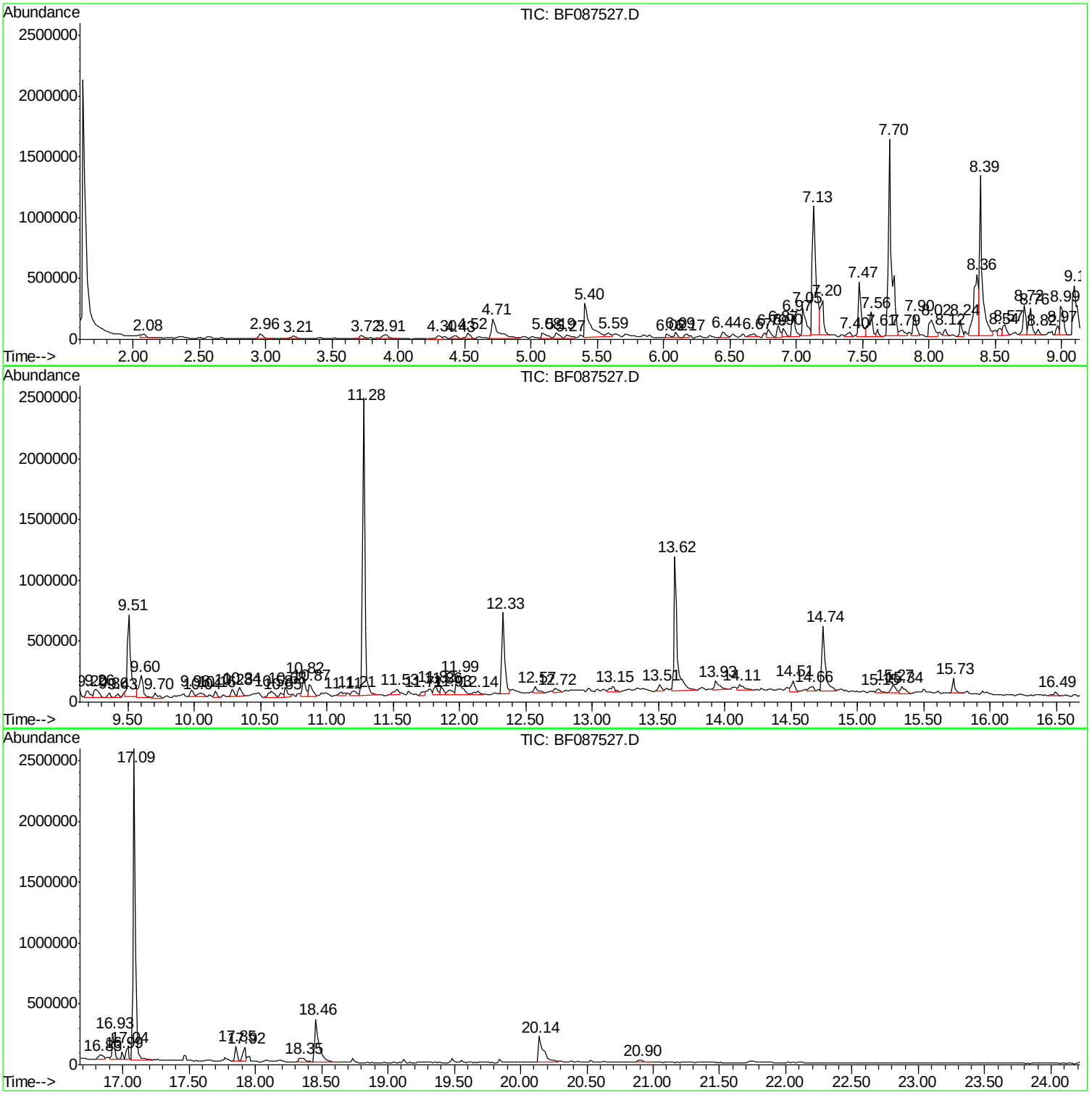
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087527.D
Acq On : 29 May 2016 23:57
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087527.D
Acq On : 29 May 2016 23:57
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

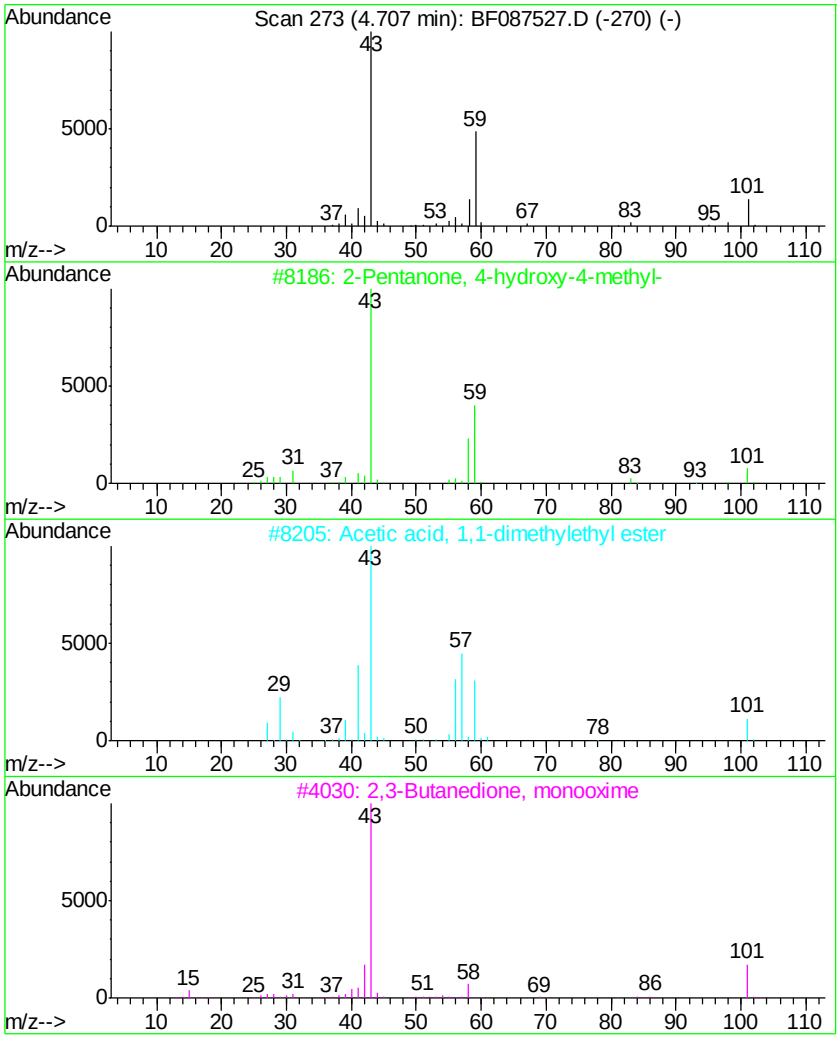
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

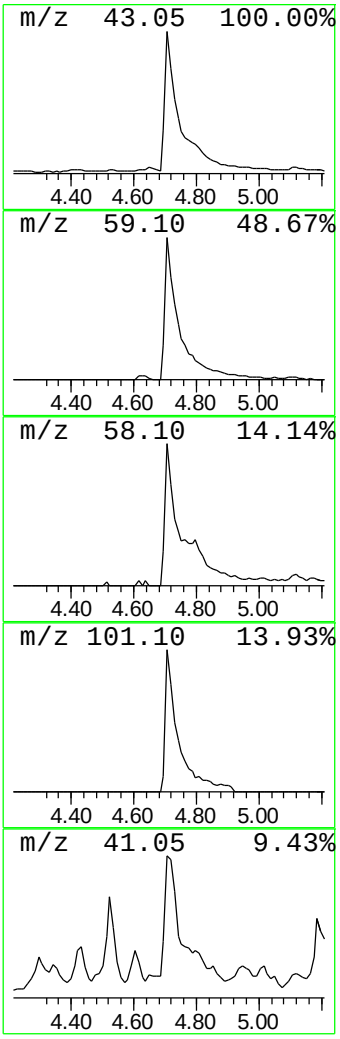
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	16.84 ng	557700	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

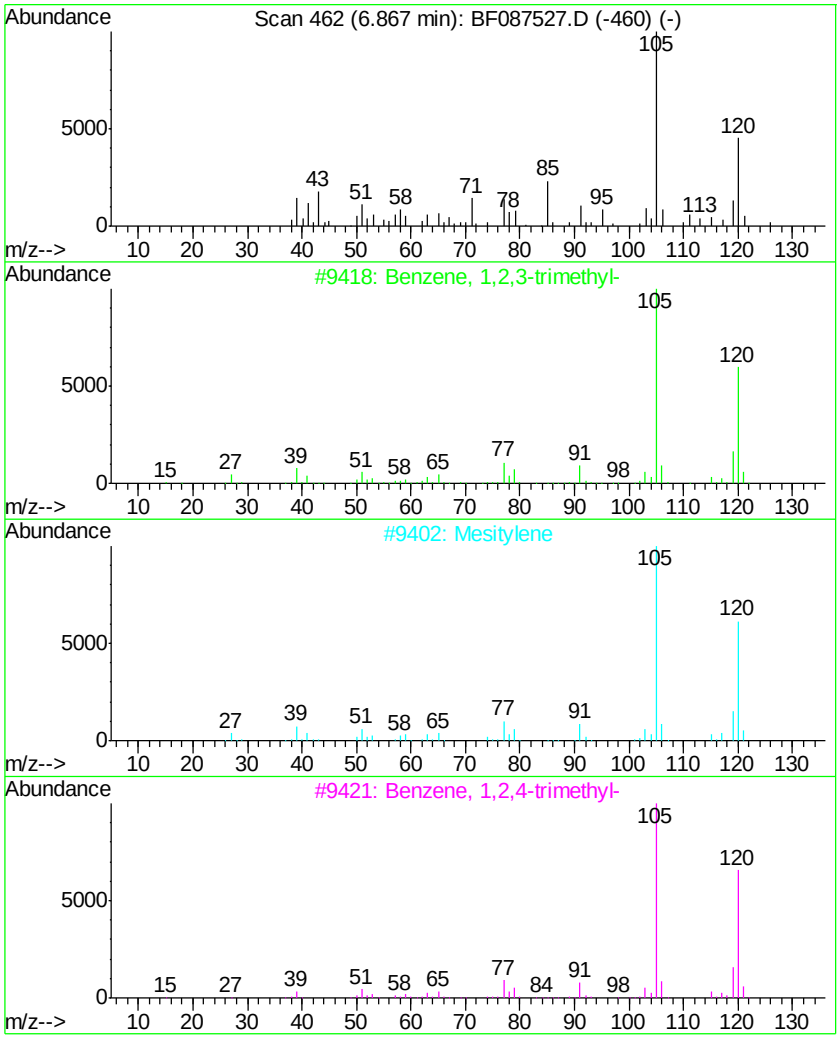
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

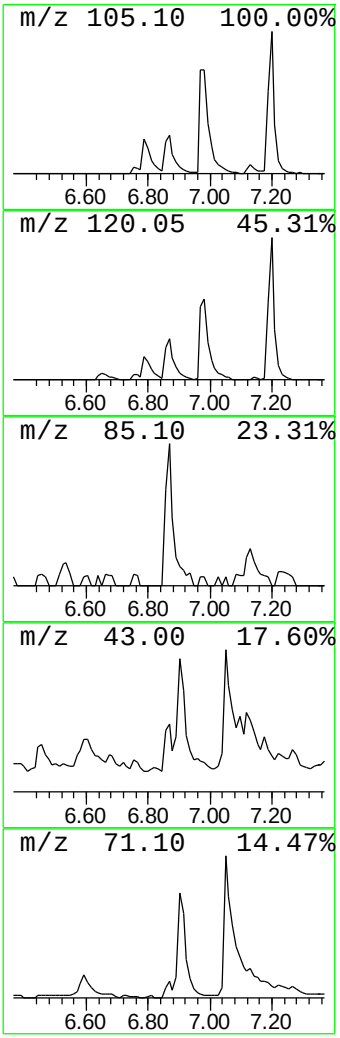
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	5.42 ng	179616	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

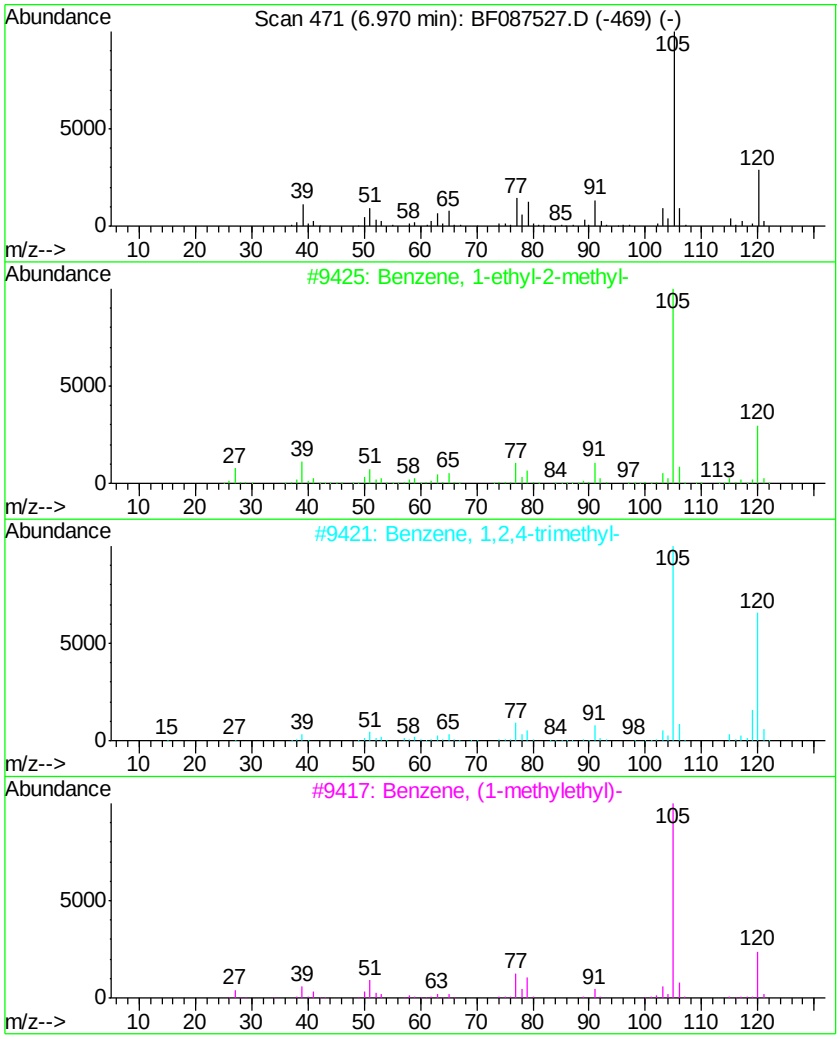
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

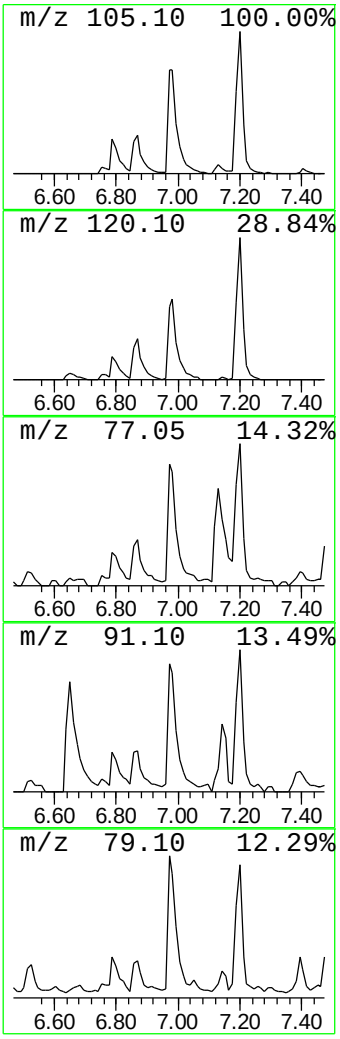
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	10.59 ng	350653	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

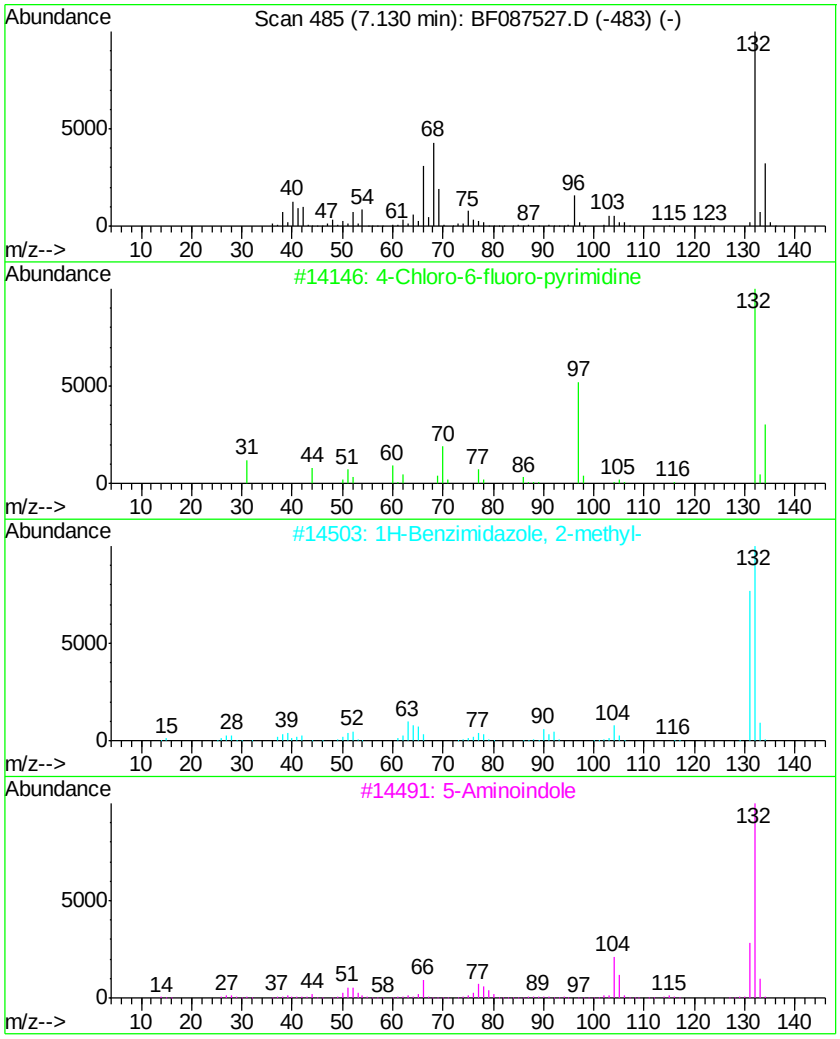
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

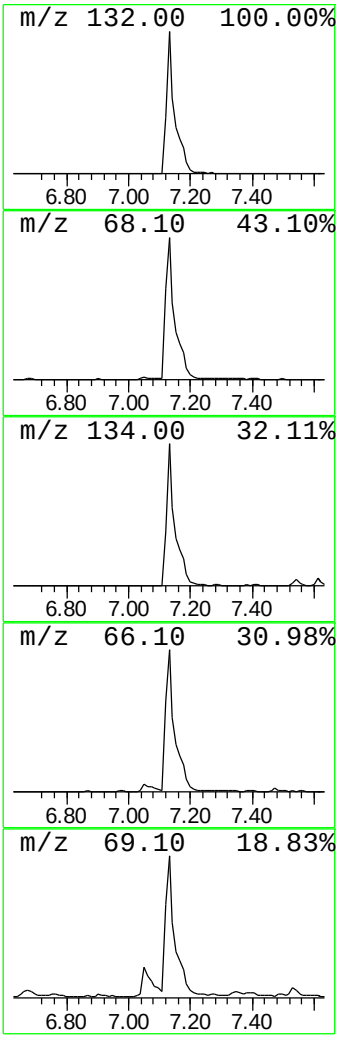
****

Peak Number 4 unknown7.13 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	64.49 ng	2135460	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

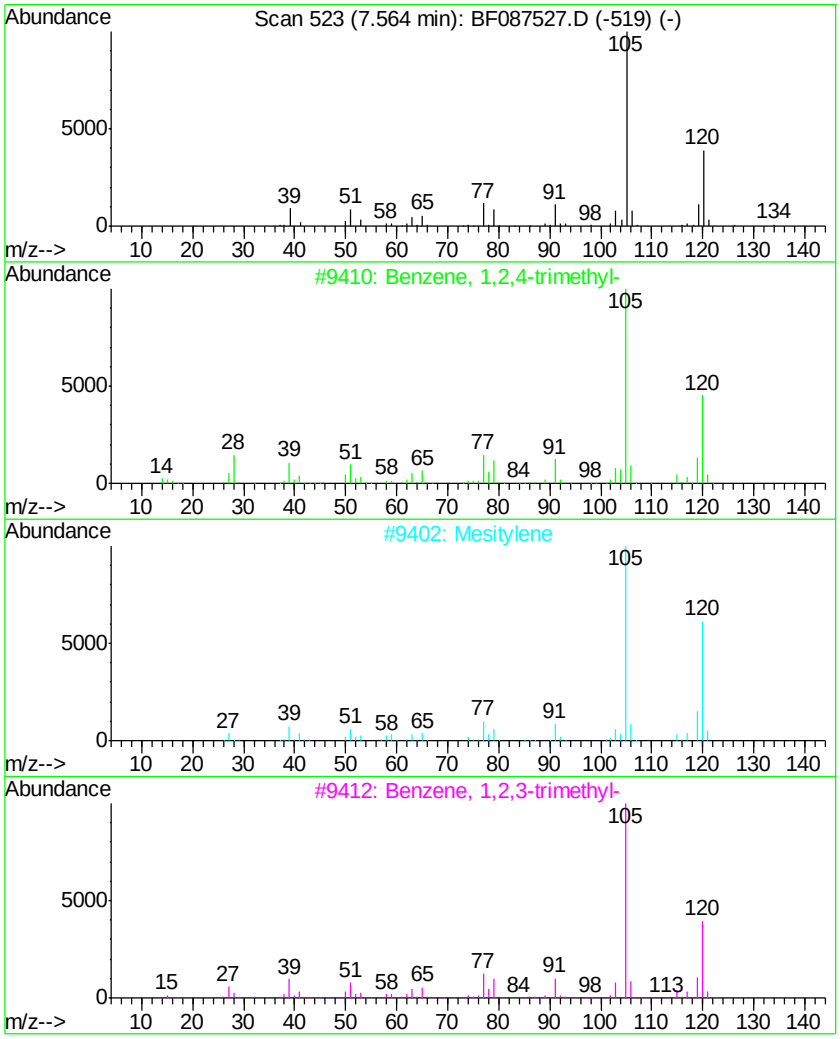
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

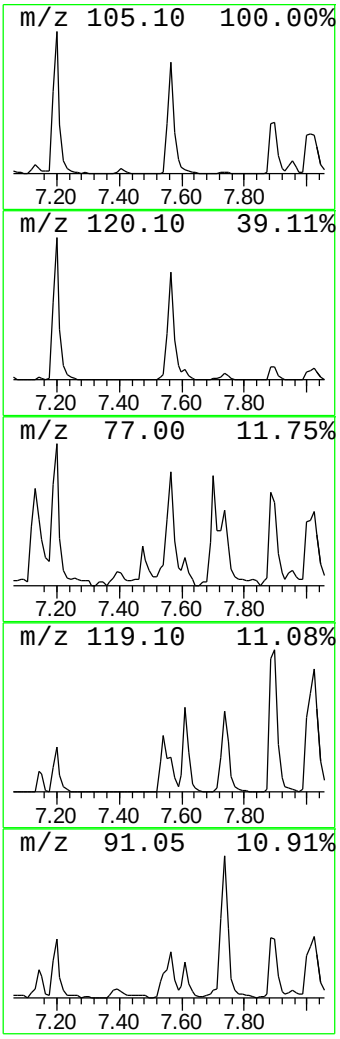
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	12.53 ng	414854	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Data File : BF087527.D
Acq On : 29 May 2016 23:57
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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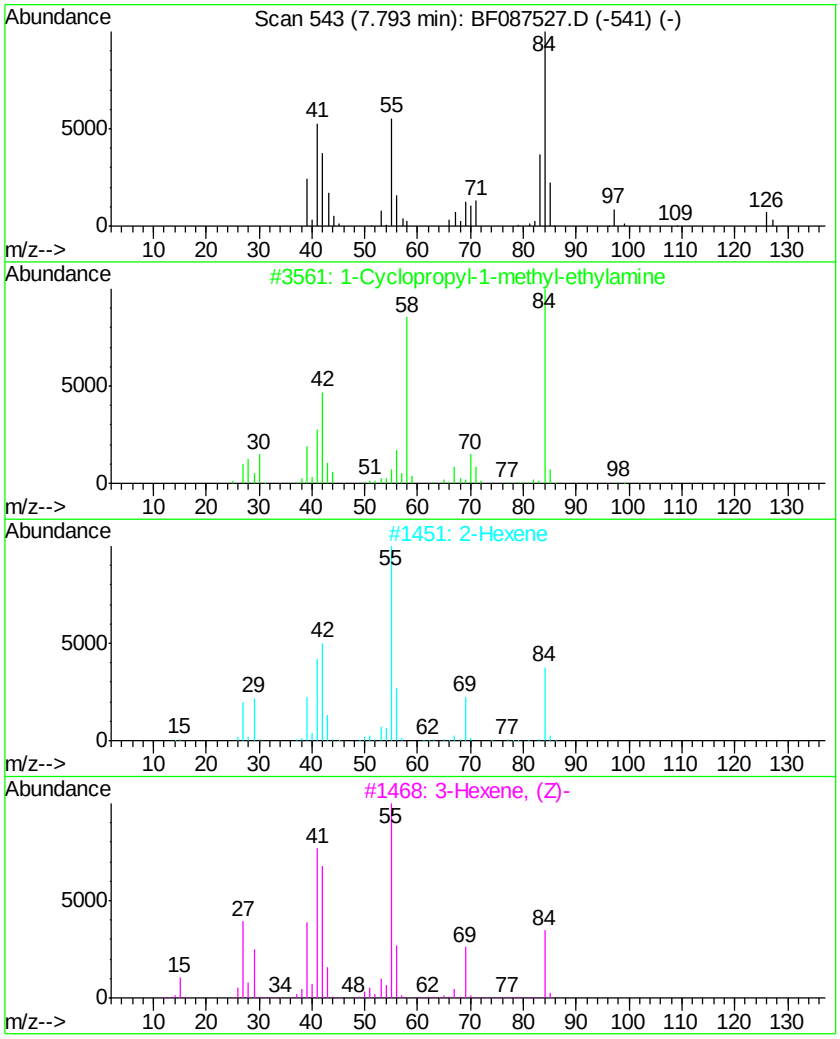
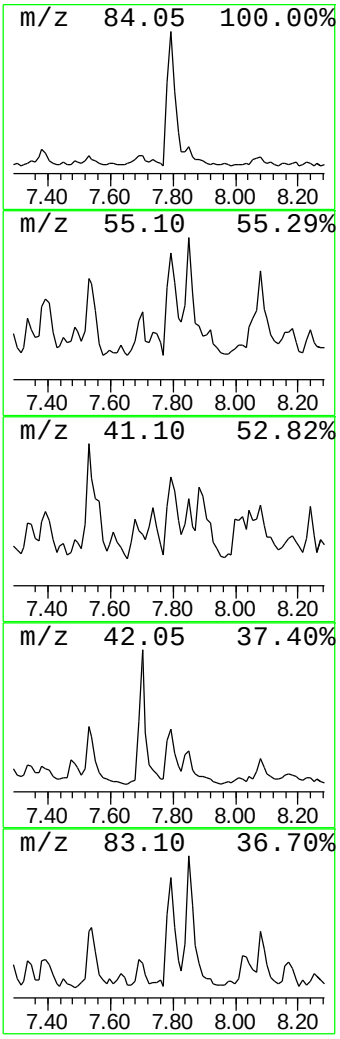
Peak Number 8 1-Cyclopropyl-1-methyl-ethy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	4.17 ng	137935	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclopropyl-1-methyl-ethylamine	99	C6H13N	172947-13-6	50
2	2-Hexene	84	C6H12	000592-43-8	46
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	43
4	1,3-Propanediol, 2,2-diethyl-	132	C7H16O2	000115-76-4	42
5	2-Hexene, (E)-	84	C6H12	004050-45-7	37





Library Search Compound Report

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Acq On : 29 May 2016 23:57
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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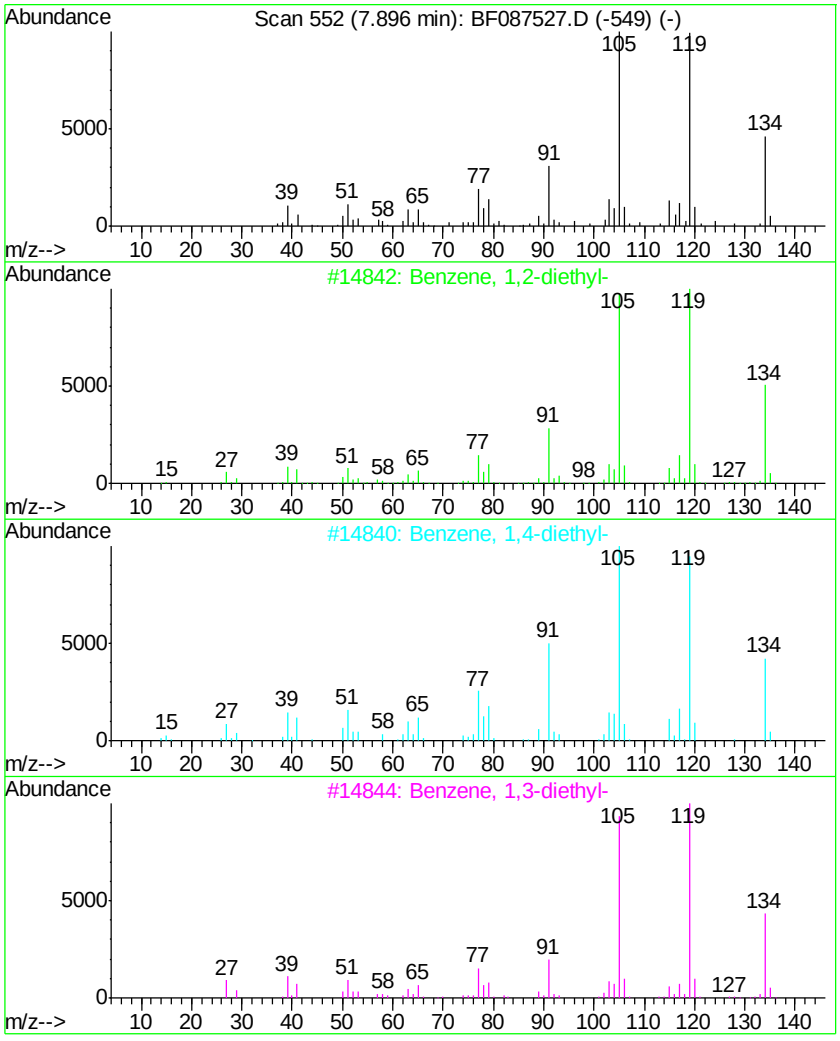
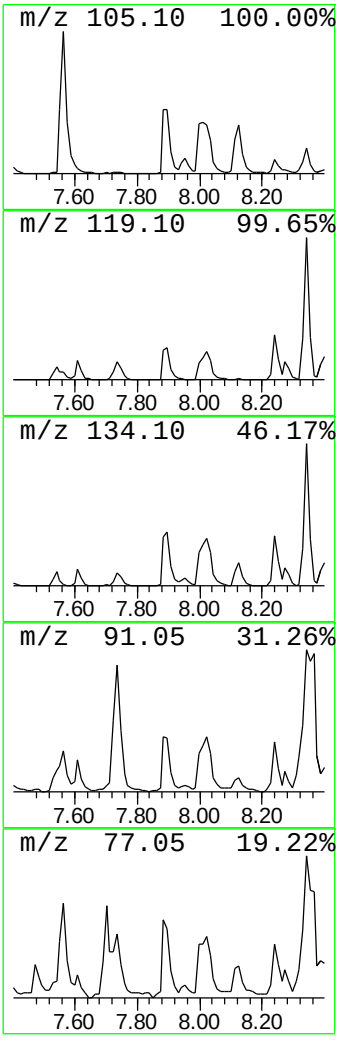
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	9.40 ng	311405	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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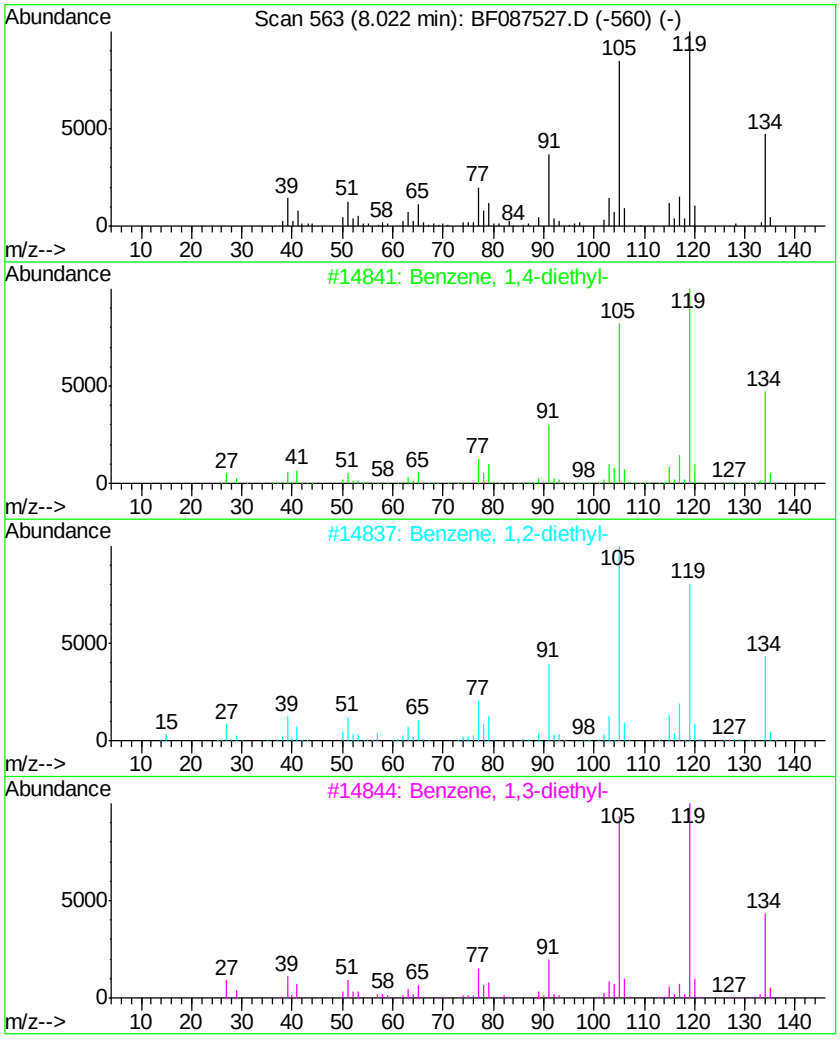
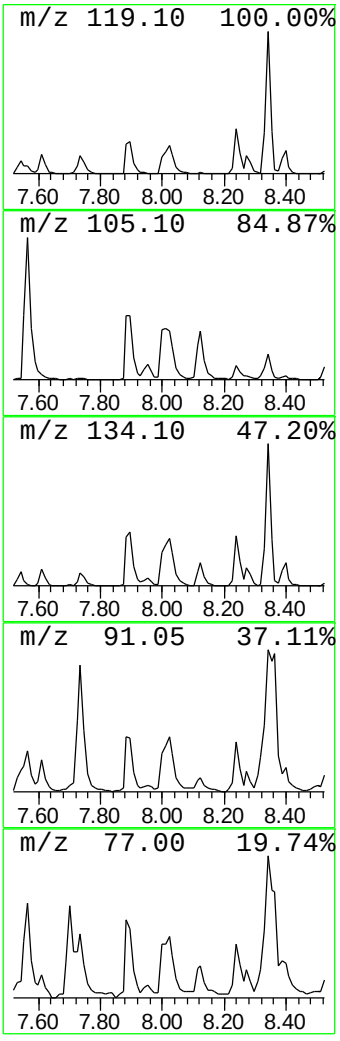
Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	12.01 ng	397792	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87





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Instrument : BNA_F
ClientSampleId : MW-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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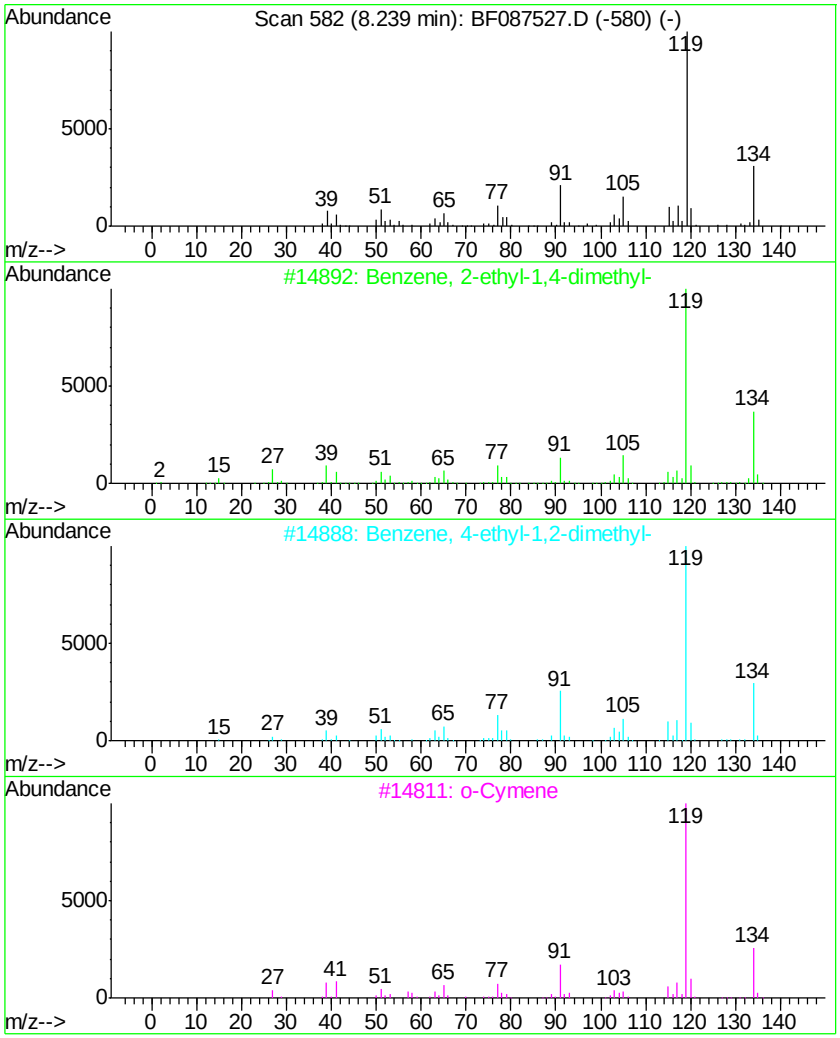
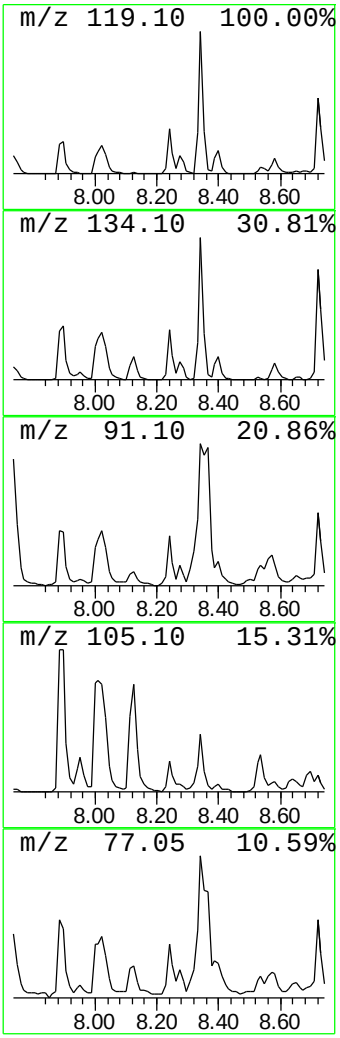
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	4.87 ng	161265	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Sample : H3222-12
Misc :
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Instrument : BNA_F
ClientSampleId : MW-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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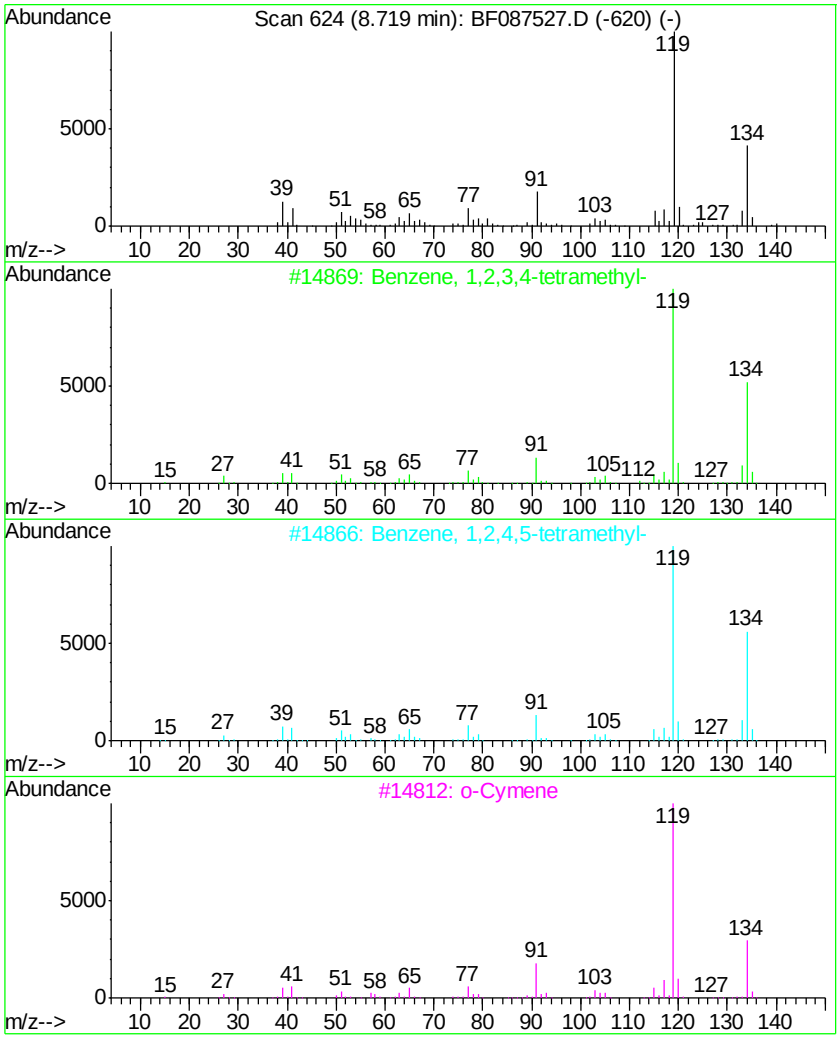
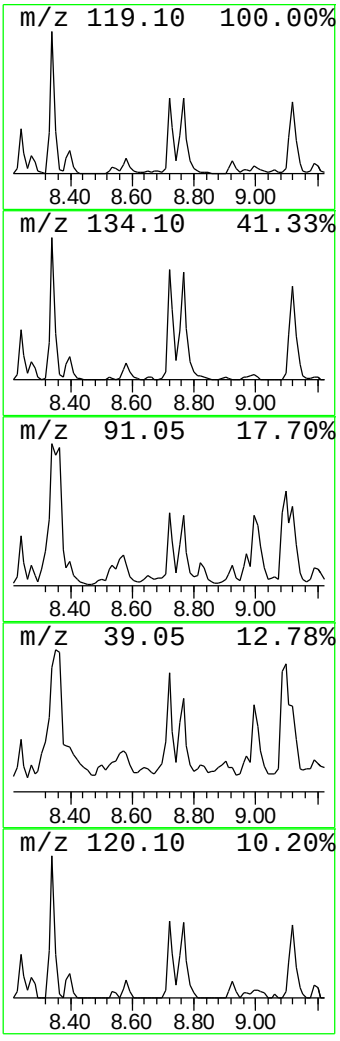
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	5.15 ng	348108	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Sample : H3222-12
Misc :
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ClientSampleId : MW-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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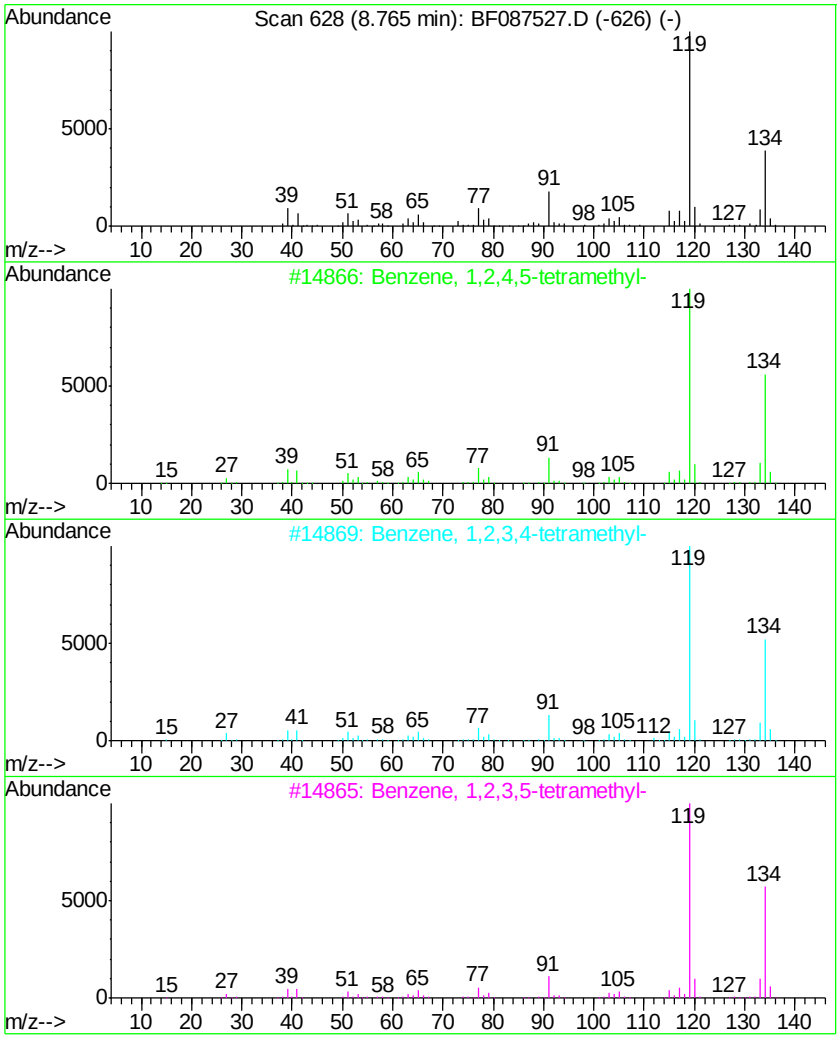
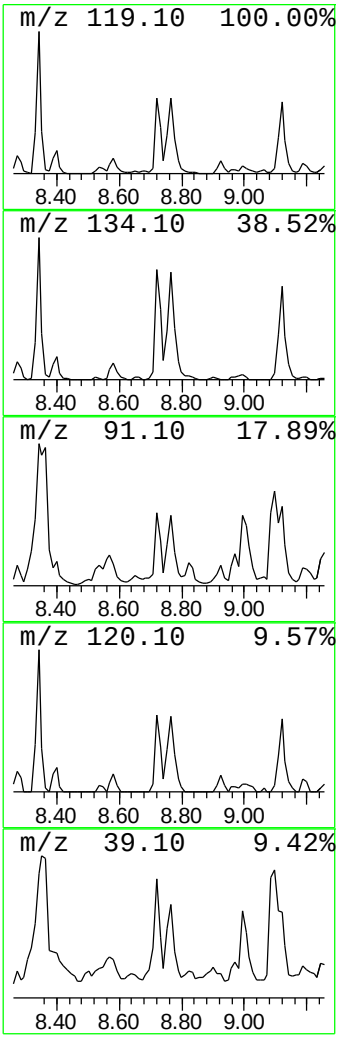
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.87 ng	329322	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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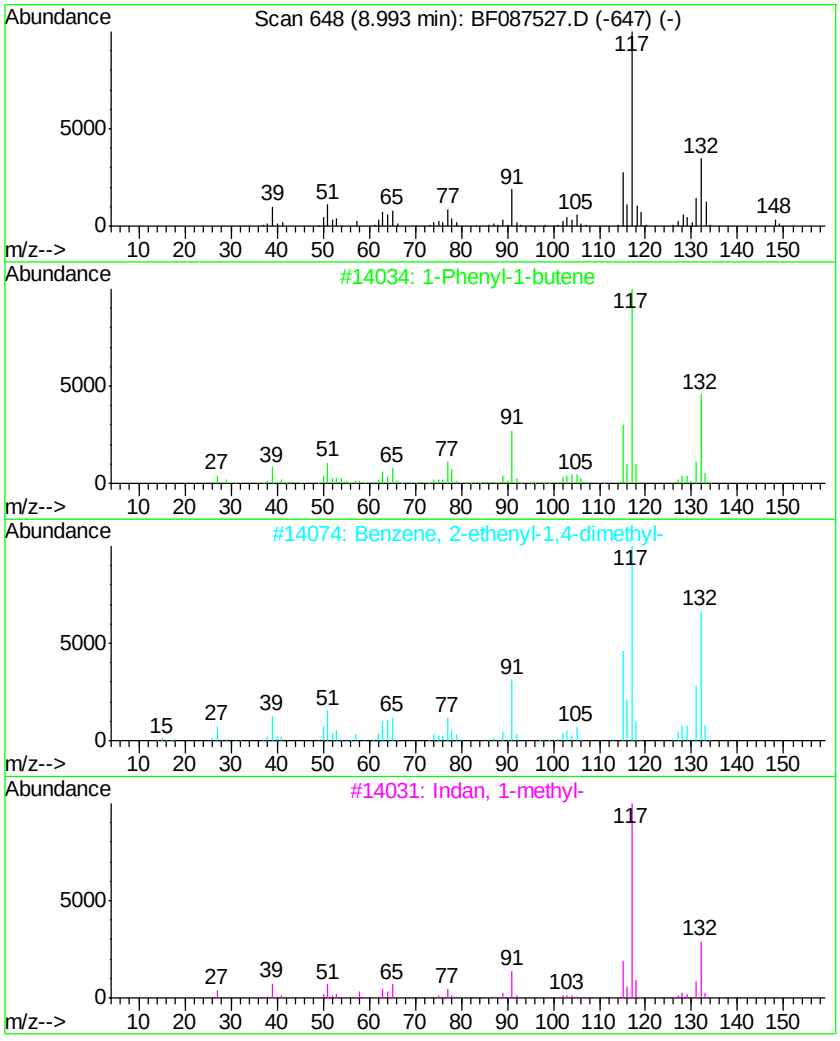
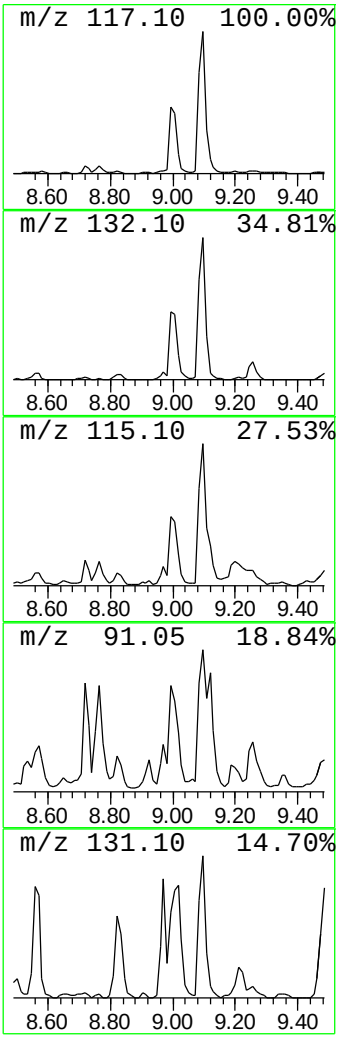
Peak Number 14 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	6.02 ng	406951	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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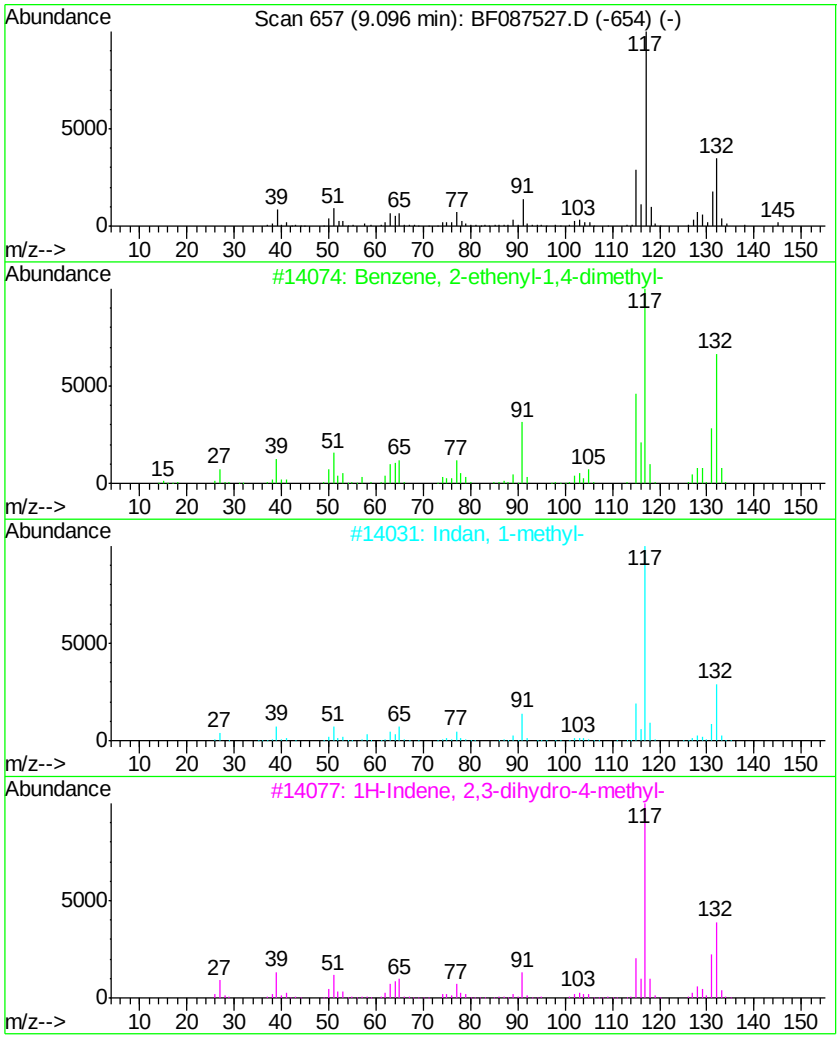
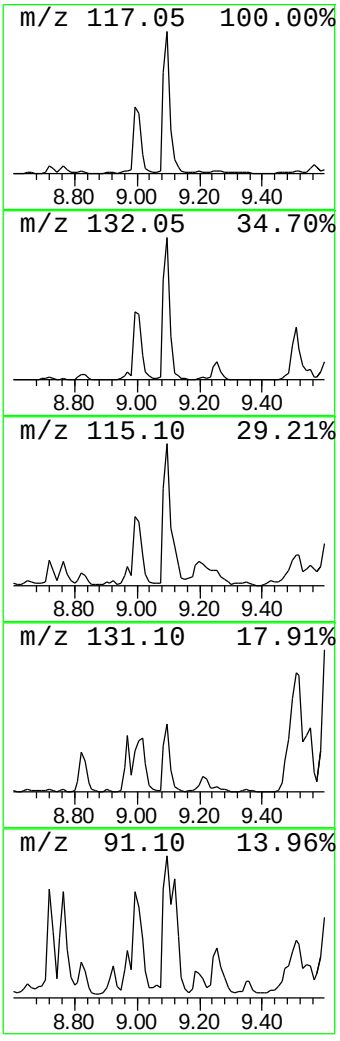
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	13.65 ng	923136	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Indan, 1-methyl-	132	C10H12	000767-58-8	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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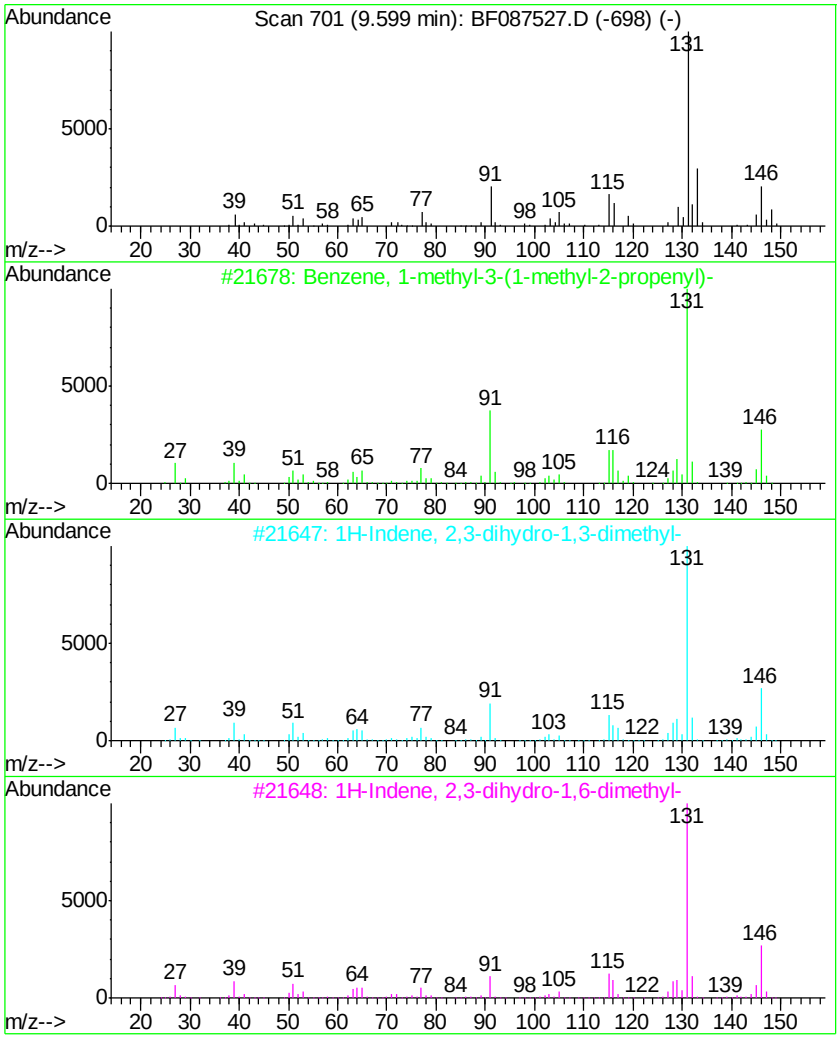
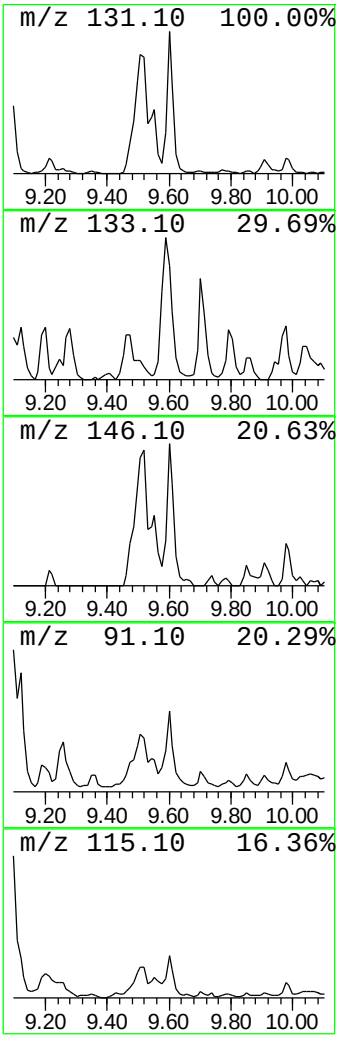
Peak Number 16 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	5.31 ng	358886	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81





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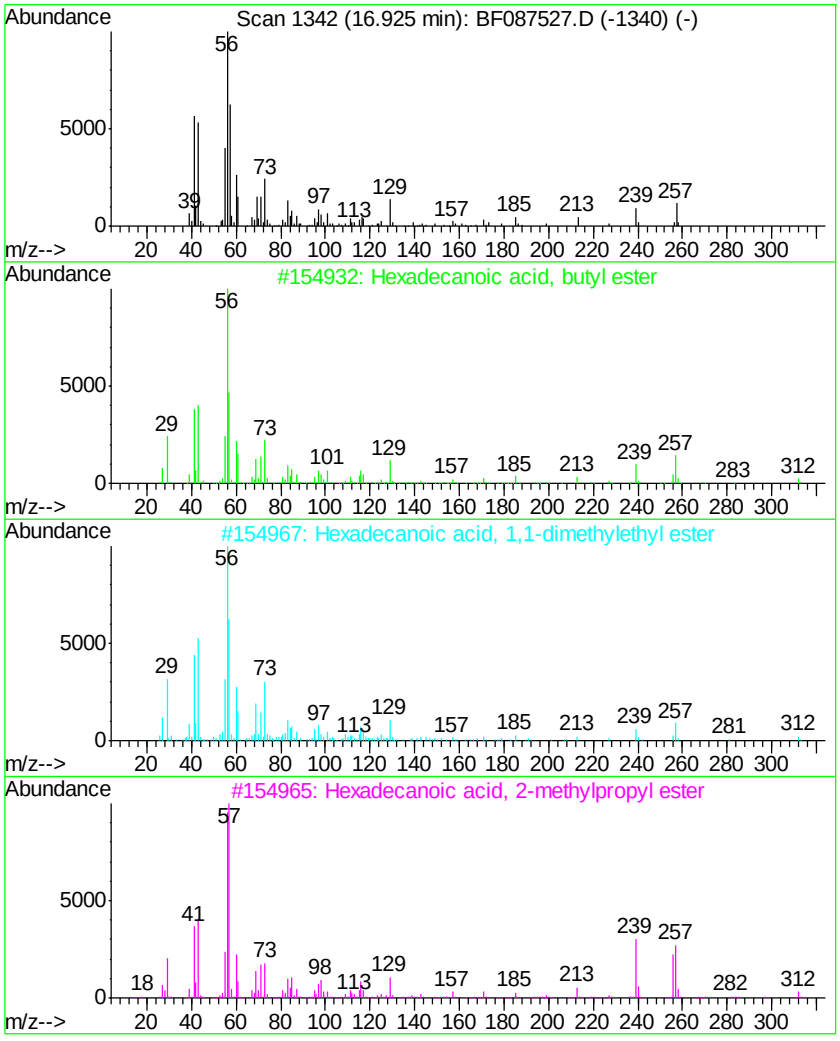
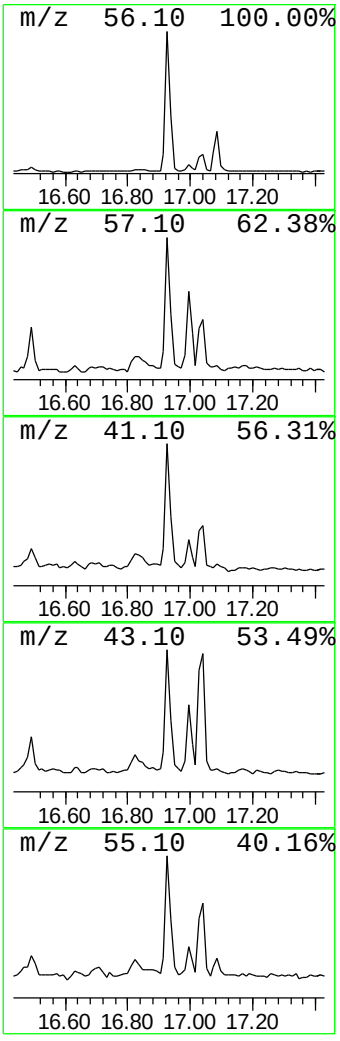
Peak Number 18 Hexadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	6.72 ng	267857	Chrysene-d12	18.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	62
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
4	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	38
5	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	35





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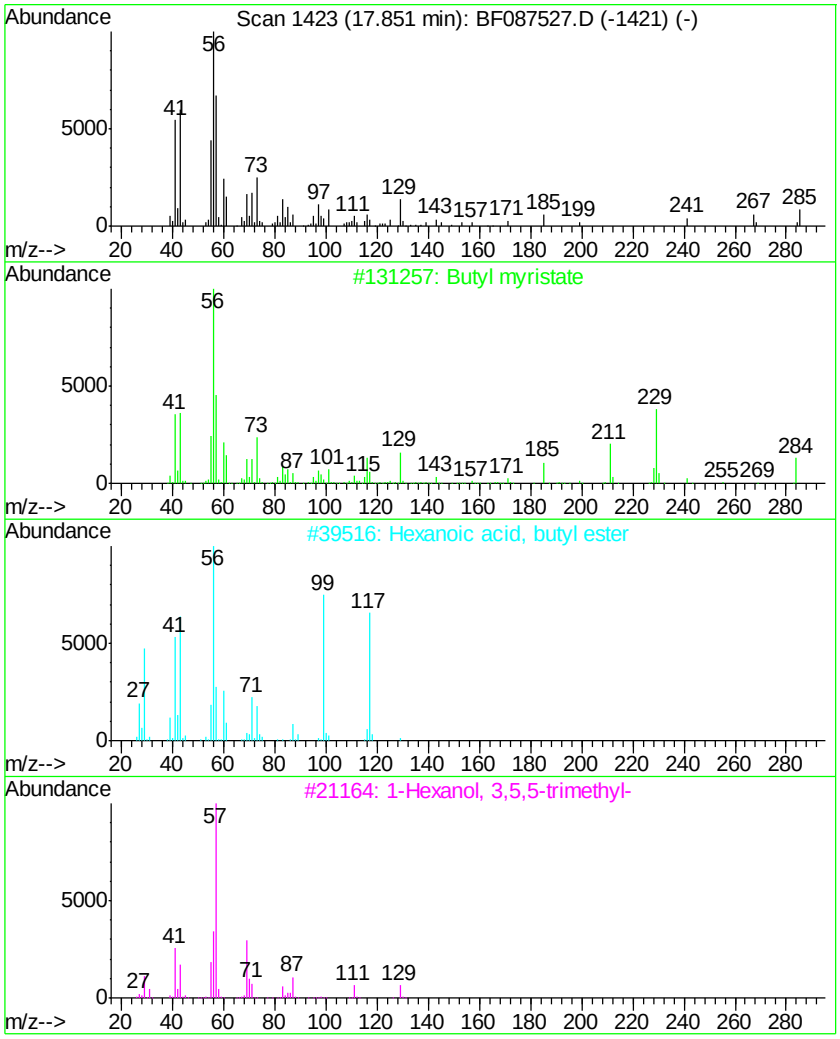
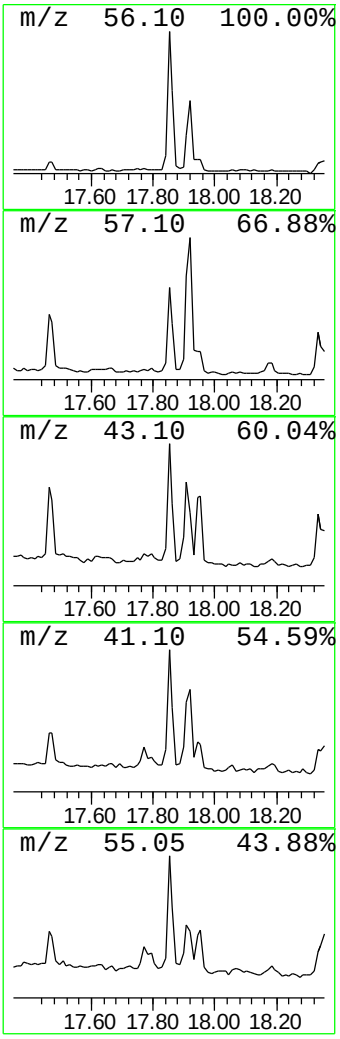
Peak Number 19 Butyl myristate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.96 ng	157640	Chrysene-d12	18.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	83
2	Hexanoic acid, butyl ester	172	C10H20O2	000626-82-4	53
3	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	43
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	43
5	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	43





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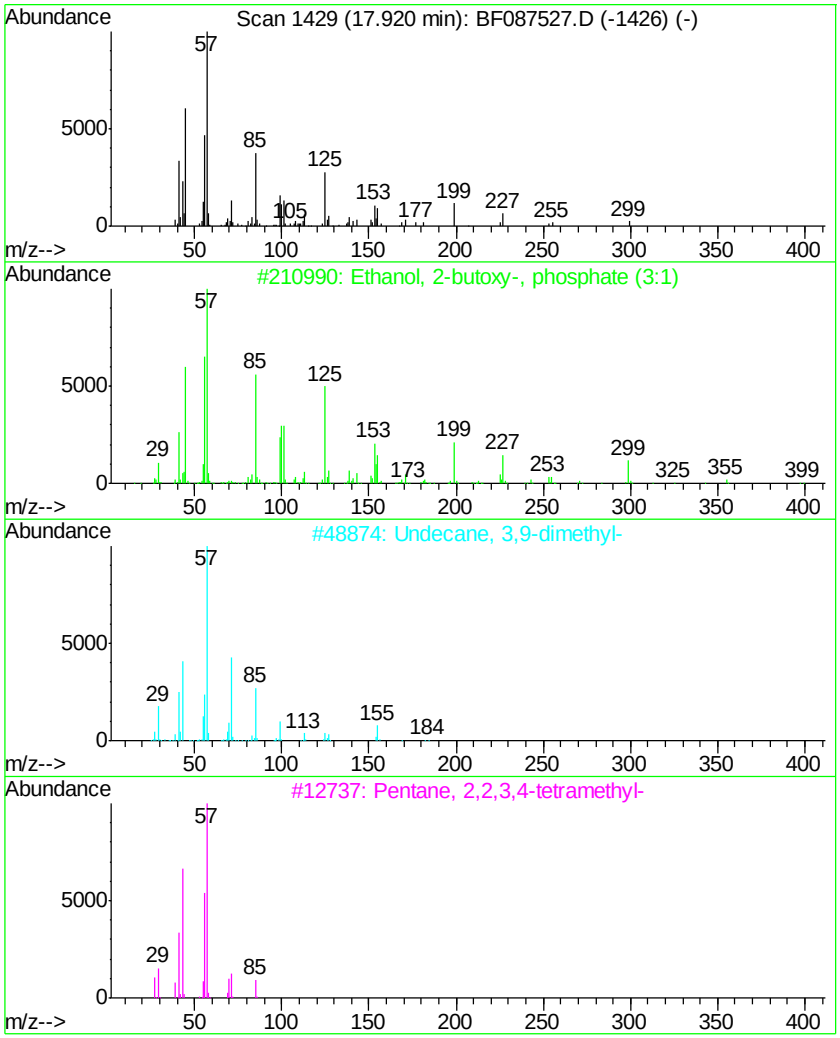
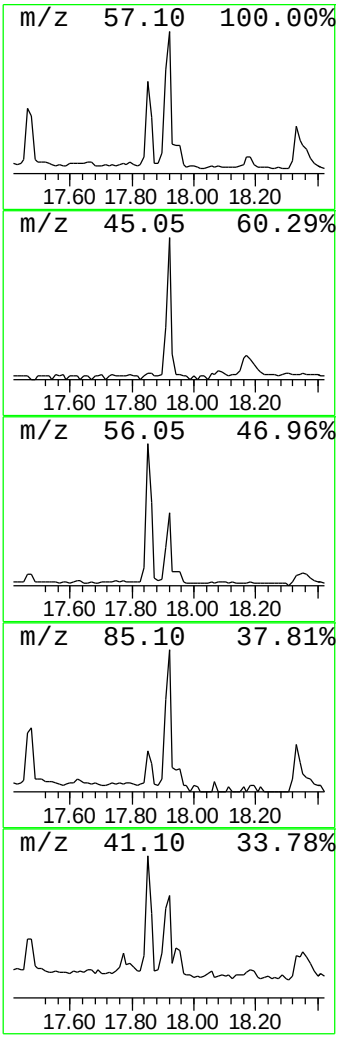
Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.16 ng	165789	Chrysene-d12	18.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	64
2	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	22
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	14
4	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	14
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087527.D
Acq On : 29 May 2016 23:57
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	16.8	ng	557700	1	7.47	662237	20.0
Benzene, 1,2,3-tr...	6.87	5.4	ng	179616	1	7.47	662237	20.0
Benzene, 1-ethyl-...	6.97	10.6	ng	350653	1	7.47	662237	20.0
unknown7.13	7.13	64.5	ng	2135460	1	7.47	662237	20.0
Benzene, 1,2,4-tr...	7.56	12.5	ng	414854	1	7.47	662237	20.0
1-Cyclopropyl-1-m...	7.79	4.2	ng	137935	1	7.47	662237	20.0
Benzene, 1,2-diet...	7.90	9.4	ng	311405	1	7.47	662237	20.0
Benzene, 1,4-diet...	8.02	12.0	ng	397792	1	7.47	662237	20.0
Benzene, 2-ethyl-...	8.24	4.9	ng	161265	1	7.47	662237	20.0
Benzene, 1,2,3,4-...	8.72	5.2	ng	348108	2	9.51	1352410	20.0
Benzene, 1,2,4,5-...	8.76	4.9	ng	329322	2	9.51	1352410	20.0
1-Phenyl-1-butene	8.99	6.0	ng	406951	2	9.51	1352410	20.0
Benzene, 2-etheny...	9.10	13.7	ng	923136	2	9.51	1352410	20.0
Benzene, 1-methyl...	9.60	5.3	ng	358886	2	9.51	1352410	20.0
Hexadecanoic acid...	16.93	6.7	ng	267857	5	18.46	797147	20.0
Butyl myristate	17.85	4.0	ng	157640	5	18.46	797147	20.0
Ethanol, 2-butoxy...	17.92	4.2	ng	165789	5	18.46	797147	20.0