LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089275.D
Acq On : 25 Jul 2016 13:13
Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

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-BF072016.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	1.701	8	10	43	rVB	1039695	2130111	100.00%	9.280%
2	3.999	208	211	216	rVB	13441	28115	1.32%	0.122%
3	4.593	261	263	265	rVB	30385	35285	1.66%	0.154%
4	4.650	265	268	270	rBV	19547	28618	1.34%	0.125%
5	4.696	270	272	280	rVB	67327	141237	6.63%	0.615%
6	4.890	286	289	291	rBV	24078	35103	1.65%	0.153%
7	5.084	303	306	309	rBV3	51215	126495	5.94%	0.551%
8	5.142	309	311	321	rVV	941681	1310588	61.53%	5.710%
9	5.279	321	323	325	rVV	35684	52712	2.47%	0.230%
10	5.324	325	327	329	rVV	39751	42279	1.98%	0.184%
11	5.370	329	331	336	rVB3	32963	58476	2.75%	0.255%
12	5.542	341	346	348	rVB2	44665	70024	3.29%	0.305%
13	5.599	348	351	352	rBV2	13735	26482	1.24%	0.115%
14	5.702	356	360	362	rBV3	67452	122310	5.74%	0.533%
15	5.747	362	364	366	rBV2	16573	25650	1.20%	0.112%
16	5.793	366	368	371	rVB2	110333	162907	7.65%	0.710%
17	5.850	371	373	377	rBV2	46328	83890	3.94%	0.365%
18	6.010	381	387	389	rBV2	70275	138547	6.50%	0.604%
19	6.067	389	392	394	rVV2	83530	155755	7.31%	0.679%
20	6.113	394	396	398	rVB	41515	57189	2.68%	0.249%
21	6.159	398	400	402	rBV	53163	69287	3.25%	0.302%
22	6.227	403	406	410	rVV	883364	1505960	70.70%	6.561%
23	6.296	410	412	413	rVV	78373	110901	5.21%	0.483%
24	6.330	413	415	418	rVV	1377288	1513157	71.04%	6.592%
25	6.387	418	420	426	rVV	157976	295174	13.86%	1.286%
26	6.513	428	431	433	rVV2	67375	151945	7.13%	0.662%
27	6.559	433	435	437	rVV	329830	408145	19.16%	1.778%
28	6.593	437	438	439	rVV	129369	105445	4.95%	0.459%
29	6.616	439	440	443	rVV2	77926	136514	6.41%	0.595%
30	6.719	446	449	453	rVV	1084658	1425084	66.90%	6.209%
31	6.822	455	458	459	rVV	108927	157027	7.37%	0.684%
32	6.890	462	464	468	rVV	107814	183508	8.61%	0.799%
33	6.947	468	469	471	rVV2	69729	92416	4.34%	0.403%
34	6.982	471	472	474	rVV	32580	49077	2.30%	0.214%

LSC Area Percent Report

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Acq On : 25 Jul 2016 13:13
Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

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-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.107	476	483	484	rVV	206537	424498	19.93%	1.849%
36	7.130	484	485	490	rVV	742918	1028419	48.28%	4.481%
37	7.222	490	493	495	rVV3	90516	174878	8.21%	0.762%
38	7.256	495	496	498	rVV2	61790	96490	4.53%	0.420%
39	7.290	498	499	501	rVV	56356	73432	3.45%	0.320%
40	7.336	501	503	505	rVV3	97026	187576	8.81%	0.817%
41	7.370	505	506	508	rVV	112917	106258	4.99%	0.463%
42	7.416	508	510	513	rVV2	37227	80915	3.80%	0.353%
43	7.485	513	516	517	rVV3	86788	166519	7.82%	0.725%
44	7.519	517	519	523	rVV4	63033	171093	8.03%	0.745%
45	7.588	523	525	527	rVV2	189609	220062	10.33%	0.959%
46	7.679	530	533	535	rVV2	41607	72048	3.38%	0.314%
47	7.725	535	537	541	rVV2	27113	75105	3.53%	0.327%
48	7.850	545	548	549	rVV	439641	592914	27.83%	2.583%
49	7.930	553	555	558	rVV2	116304	152416	7.16%	0.664%
50	7.976	558	559	561	rVV2	18704	25806	1.21%	0.112%
51	8.022	561	563	564	rVV2	16026	26295	1.23%	0.115%
52	8.056	564	566	568	rVV2	24029	39752	1.87%	0.173%
53	8.136	570	573	575	rVV3	30643	64330	3.02%	0.280%
54	8.216	578	580	581	rVV2	18816	30564	1.43%	0.133%
55	8.285	584	586	591	rBV2	98120	188323	8.84%	0.820%
56	8.456	599	601	603	rVV2	25403	40498	1.90%	0.176%
57	8.513	603	606	607	rVV3	25623	43363	2.04%	0.189%
58	8.559	607	610	611	rVB3	32179	50012	2.35%	0.218%
59	8.662	617	619	623	rVB2	31681	57450	2.70%	0.250%
60	8.742	623	626	627	rBV2	19495	34255	1.61%	0.149%
61	8.890	635	639	640	rVV	85297	141331	6.63%	0.616%
62	8.925	640	642	647	rVV	1461727	1532879	71.96%	6.678%
63	9.028	647	651	653	rVV2	43356	107210	5.03%	0.467%
64	9.188	662	665	667	rBV2	21409	43771	2.05%	0.191%
65	9.291	672	674	675	rVV2	27441	50030	2.35%	0.218%
66	9.325	675	677	686	rVB	472405	579708	27.21%	2.526%
67	9.451	686	688	691	rBV4	16006	26240	1.23%	0.114%
68	9.542	695	696	698	rBV	30596	37356	1.75%	0.163%
69	9.588	698	700	703	rBV	538252	529374	24.85%	2.306%
70	9.805	717	719	721	rVV2	23210	28764	1.35%	0.125%
71	9.862	723	724	726	rBV	32137	30876	1.45%	0.135%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4129-17
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Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

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-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.045	736	740	742	rVV2	35994	63479	2.98%	0.277%
73	10.262	756	759	761	rBV	54971	57596	2.70%	0.251%
74	10.376	767	769	776	rBV	879972	929669	43.64%	4.050%
75	10.525	779	782	784	rVB	74736	98973	4.65%	0.431%
76	10.959	818	820	821	rBV	29361	28059	1.32%	0.122%
77	10.982	821	822	825	rVB	21966	25794	1.21%	0.112%
78	11.062	827	829	833	rBV	498750	504437	23.68%	2.198%
79	11.382	855	857	859	rBV	26477	27026	1.27%	0.118%
80	11.622	876	878	880	rBV	33744	41232	1.94%	0.180%
81	11.908	902	903	906	rVV	32933	33592	1.58%	0.146%
82	12.011	910	912	914	rVB3	21698	24483	1.15%	0.107%
83	12.171	925	926	933	rVB2	20709	35283	1.66%	0.154%
84	12.308	937	938	941	rVB	61065	56173	2.64%	0.245%
85	12.491	952	954	956	rBV	73498	77338	3.63%	0.337%
86	12.559	956	960	965	rVB2	19387	33514	1.57%	0.146%
87	12.651	965	968	970	rBV	869342	1173219	55.08%	5.111%
88	12.777	977	979	981	rBV	47547	43676	2.05%	0.190%
89	13.188	1013	1015	1017	rBV	62034	53674	2.52%	0.234%
90	13.554	1044	1047	1051	rBV	110210	151384	7.11%	0.660%
91	13.680	1056	1058	1066	rVB	325353	350306	16.45%	1.526%
92	14.182	1099	1102	1108	rBV	82064	122357	5.74%	0.533%
93	14.468	1123	1127	1130	rBV	17211	32218	1.51%	0.140%
94	14.594	1136	1138	1140	rBV	38030	34578	1.62%	0.151%
95	14.777	1150	1154	1160	rBV2	57157	128450	6.03%	0.560%
96	15.017	1173	1175	1178	rBV	217927	258034	12.11%	1.124%
97	15.417	1208	1210	1212	rBV	24088	35420	1.66%	0.154%
98	16.686	1315	1321	1326	rBV3	23945	85425	4.01%	0.372%
99	17.497	1388	1392	1397	rBV3	11091	29884	1.40%	0.130%
100	18.309	1459	1463	1469	rVB4	17725	51613	2.42%	0.225%

Sum of corrected areas: 22953109

LSC Report - Integrated Chromatogram

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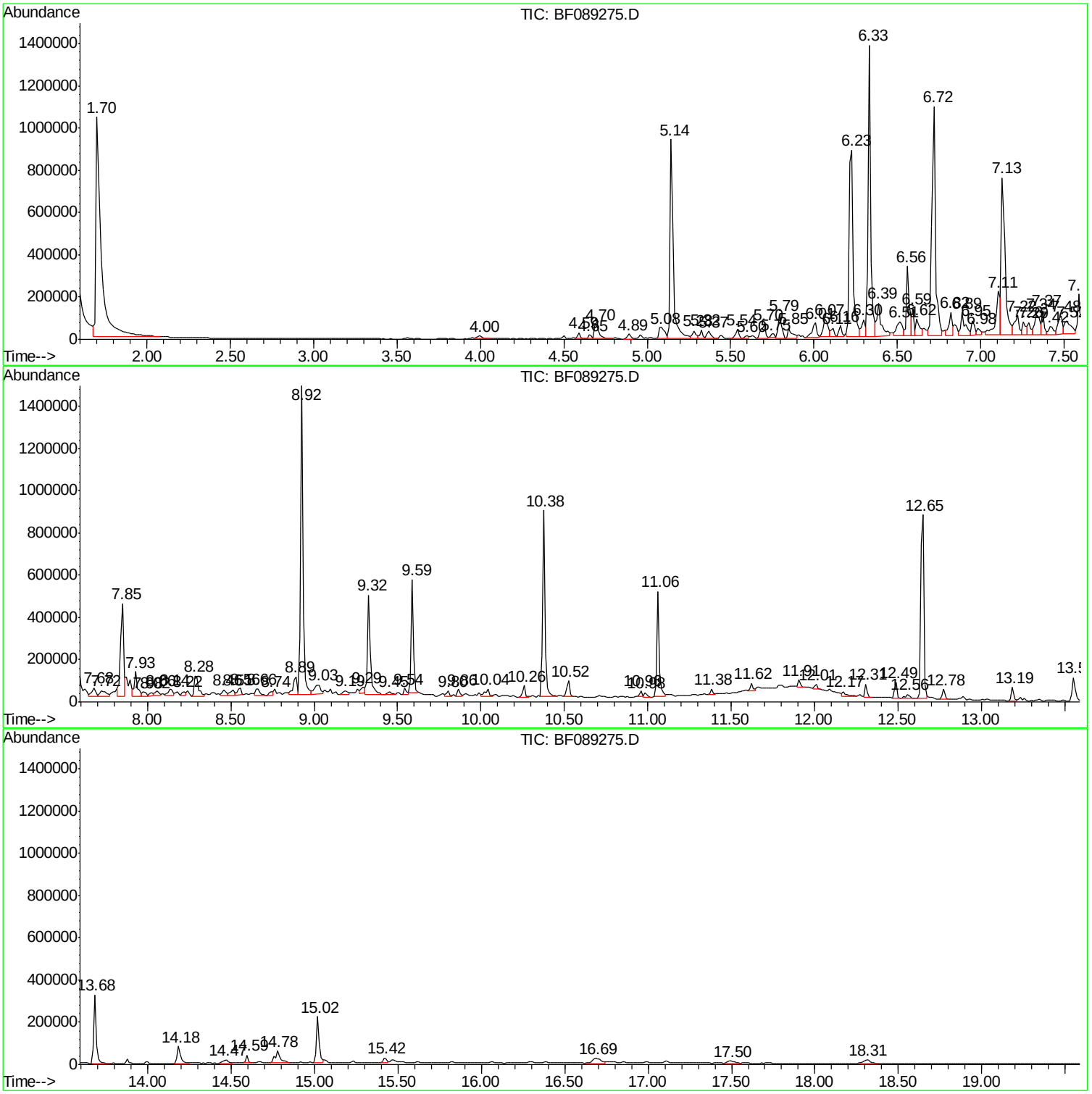
Data File : BF089275.D
Acq On : 25 Jul 2016 13:13
Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089275.D
Acq On : 25 Jul 2016 13:13
Operator : UM/SJ
Sample : H4129-17
Misc :
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Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

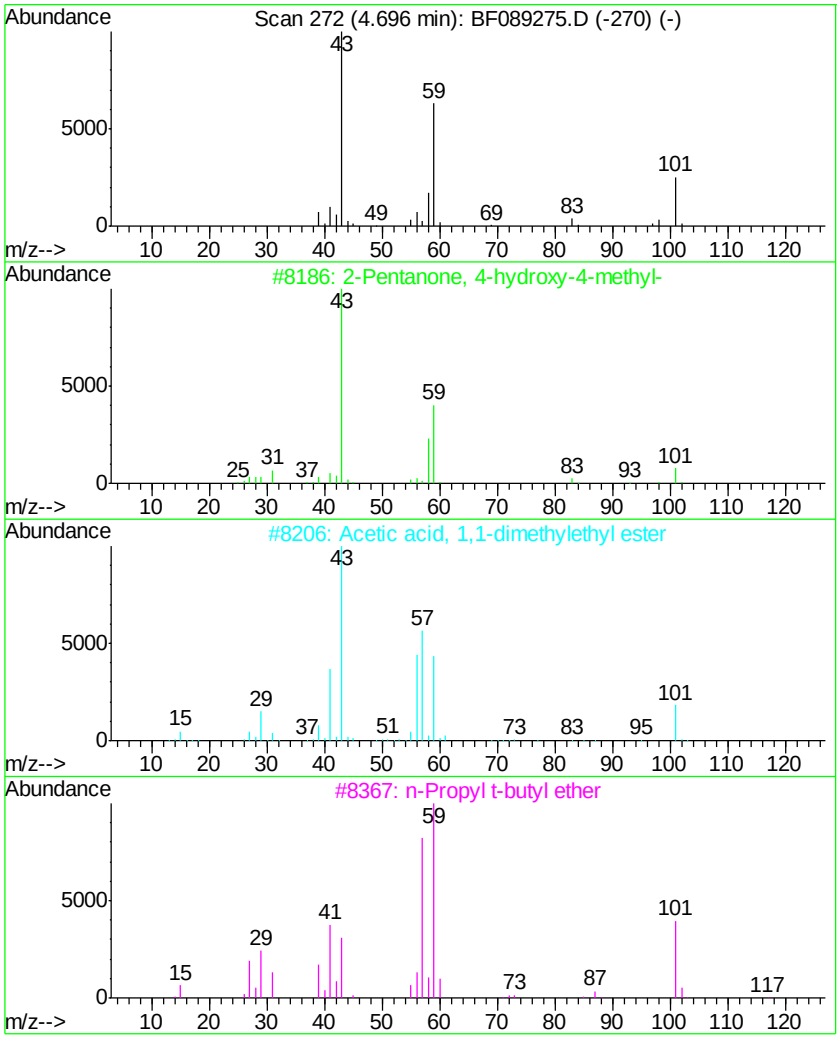
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

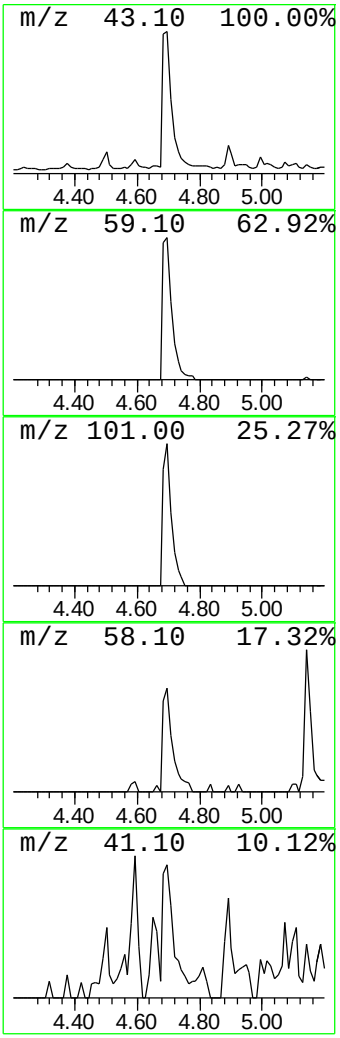
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.92 ng	141237	1,4-Dichlorobenzene-d4	6.56

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	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089275.D
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Operator : UM/SJ
Sample : H4129-17
Misc :
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Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

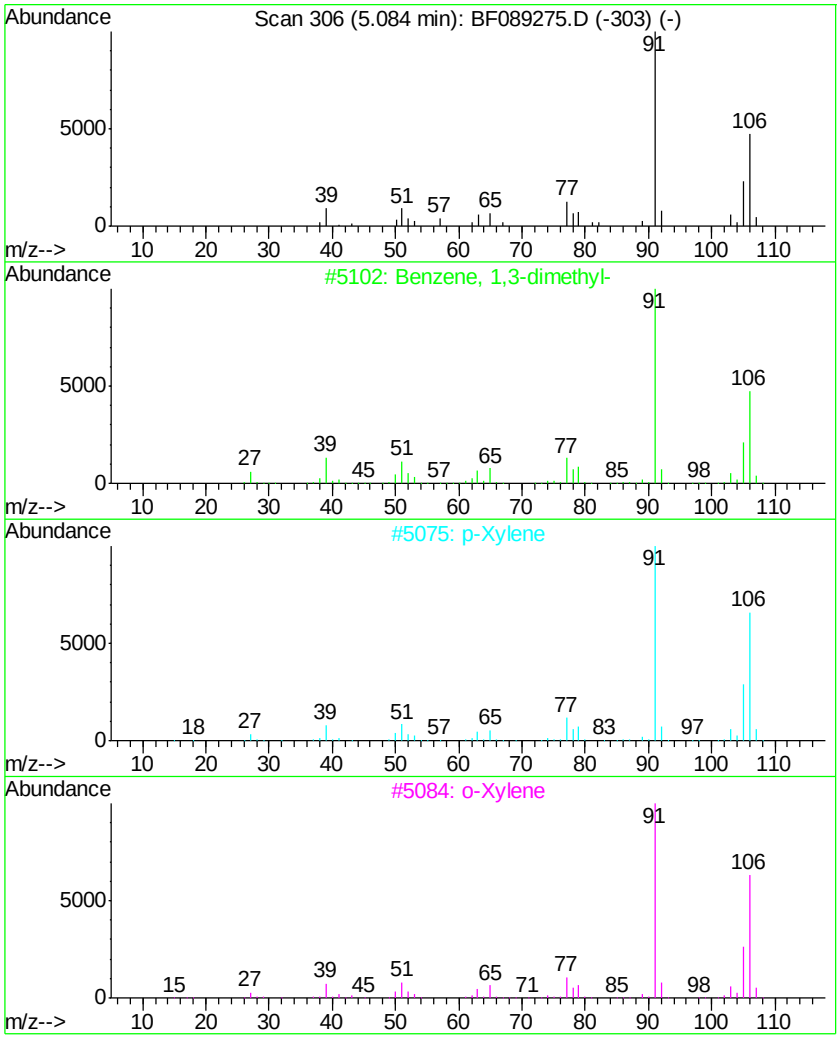
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

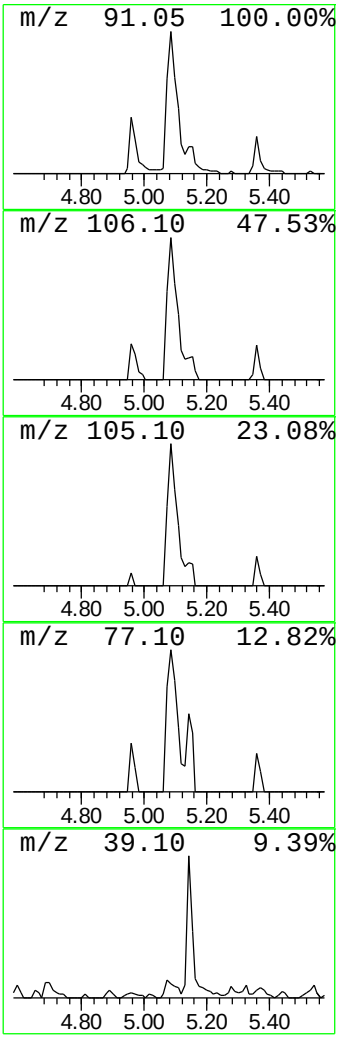
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.20 ng	126495	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	94
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	83





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Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

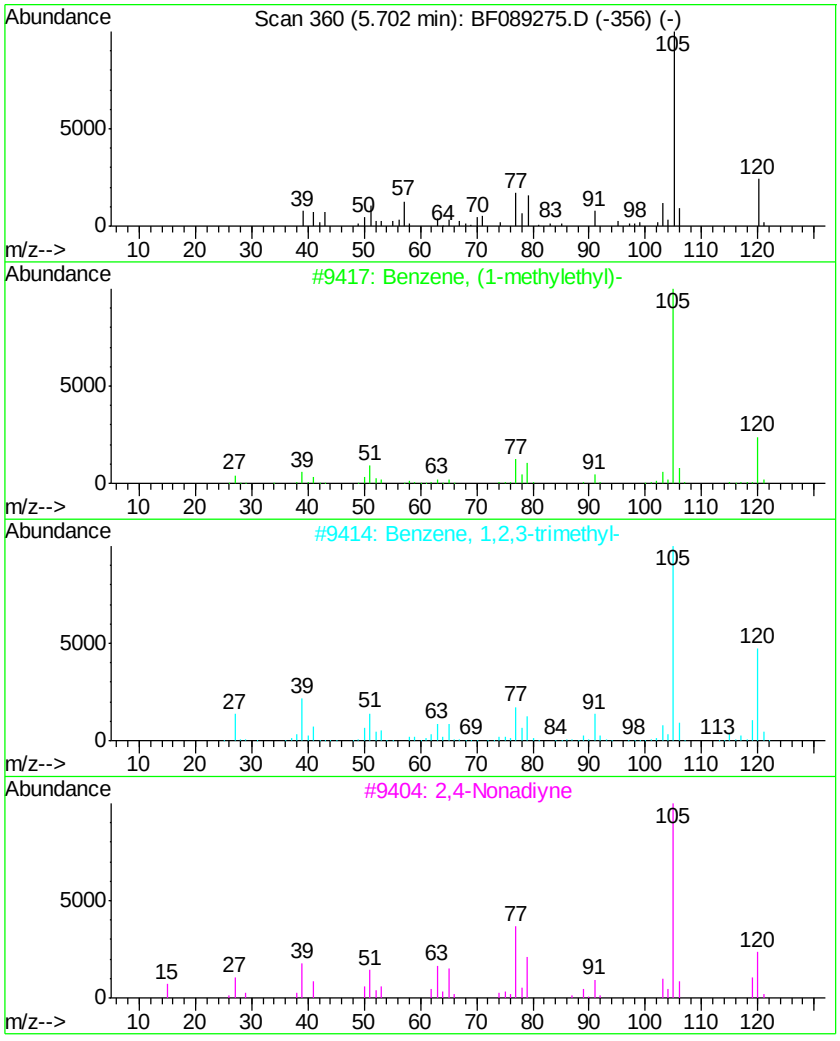
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

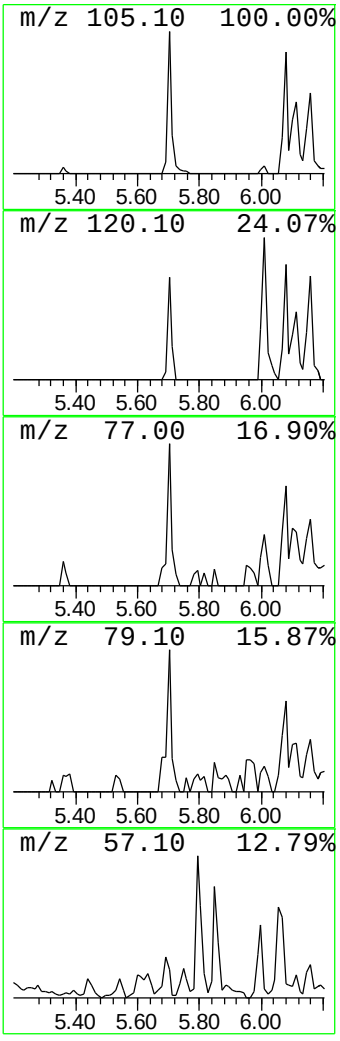
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	5.99 ng	122310	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
3	2,4-Nonadiyne	120	C9H12	063621-15-8	72
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64





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Sample : H4129-17
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

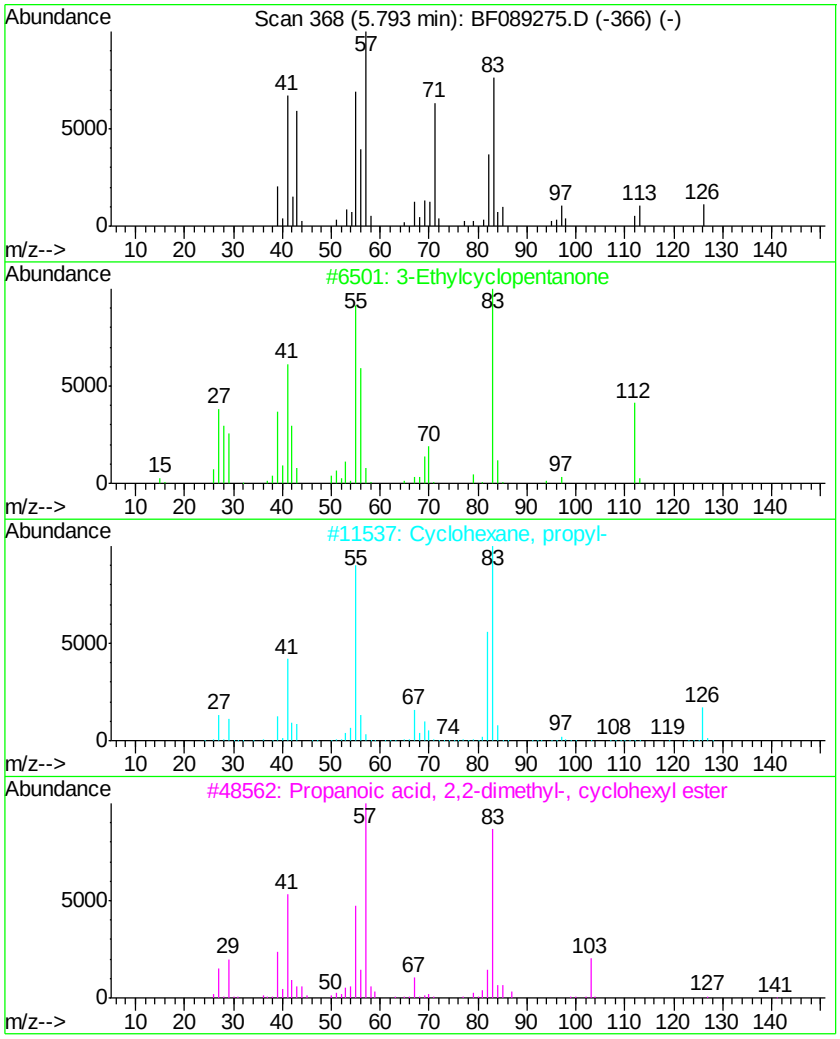
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

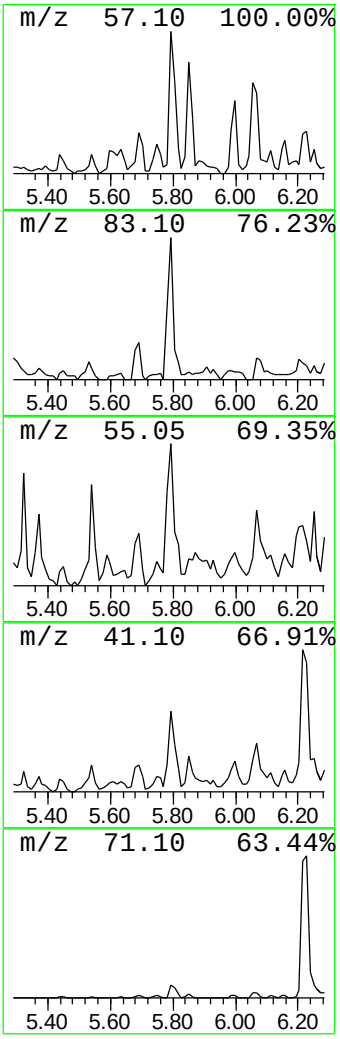
****

Peak Number 5 3-Ethylcyclopentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	7.98 ng	162907	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	50
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	41
3	Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	38
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	35
5	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	30





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Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

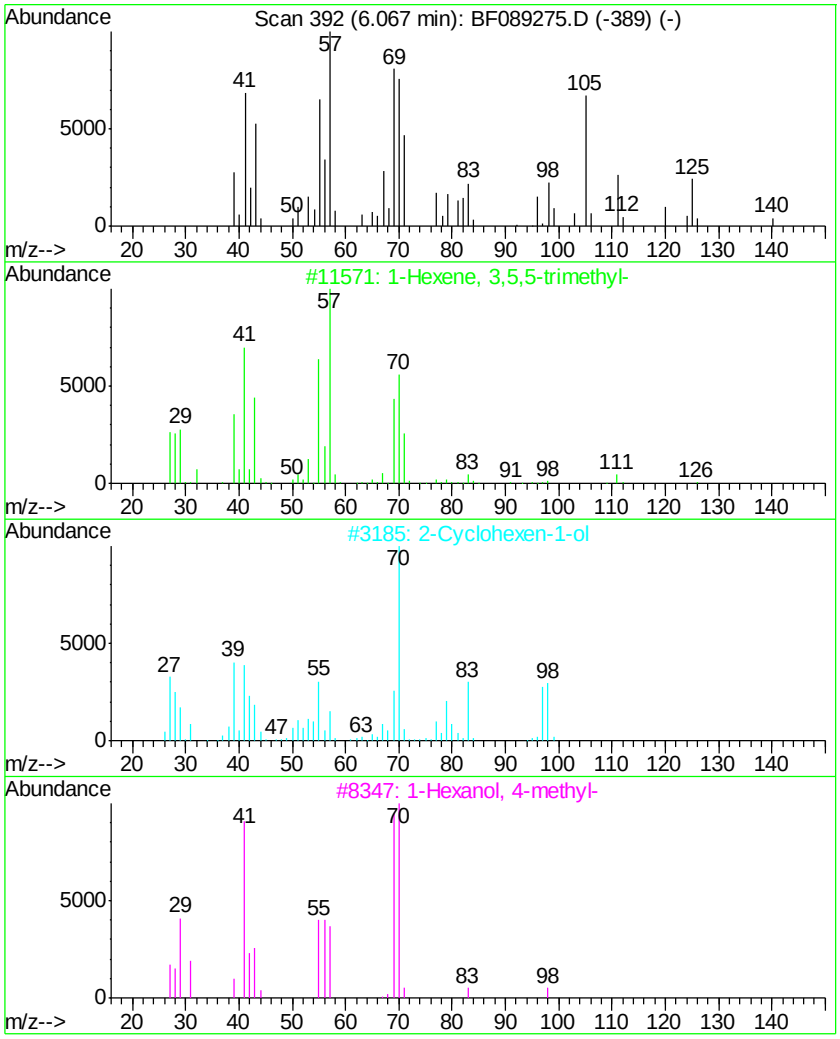
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

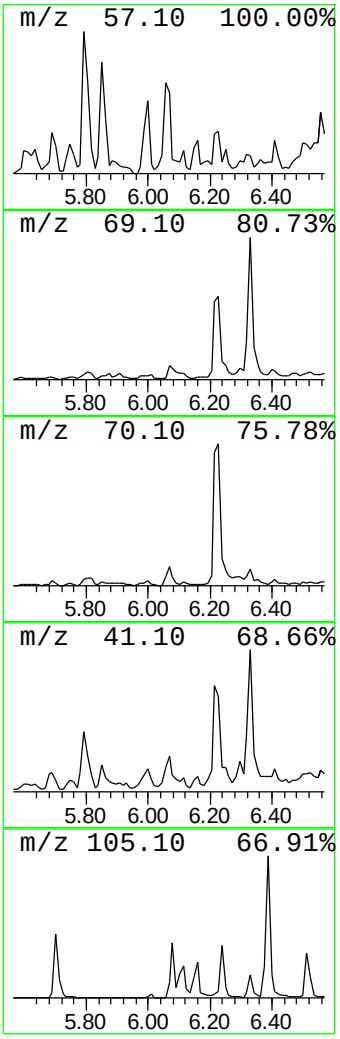
****

Peak Number 7 1-Hexene, 3,5,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	7.63 ng	155755	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	53
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	38
3	1-Hexanol, 4-methyl-	116	C7H16O	000818-49-5	38
4	1-Hydroxy-4,4-dimethylcyclohexan...	153	C9H15NO	1000191-08-0	35
5	Pyrrolidine	71	C4H9N	000123-75-1	30





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ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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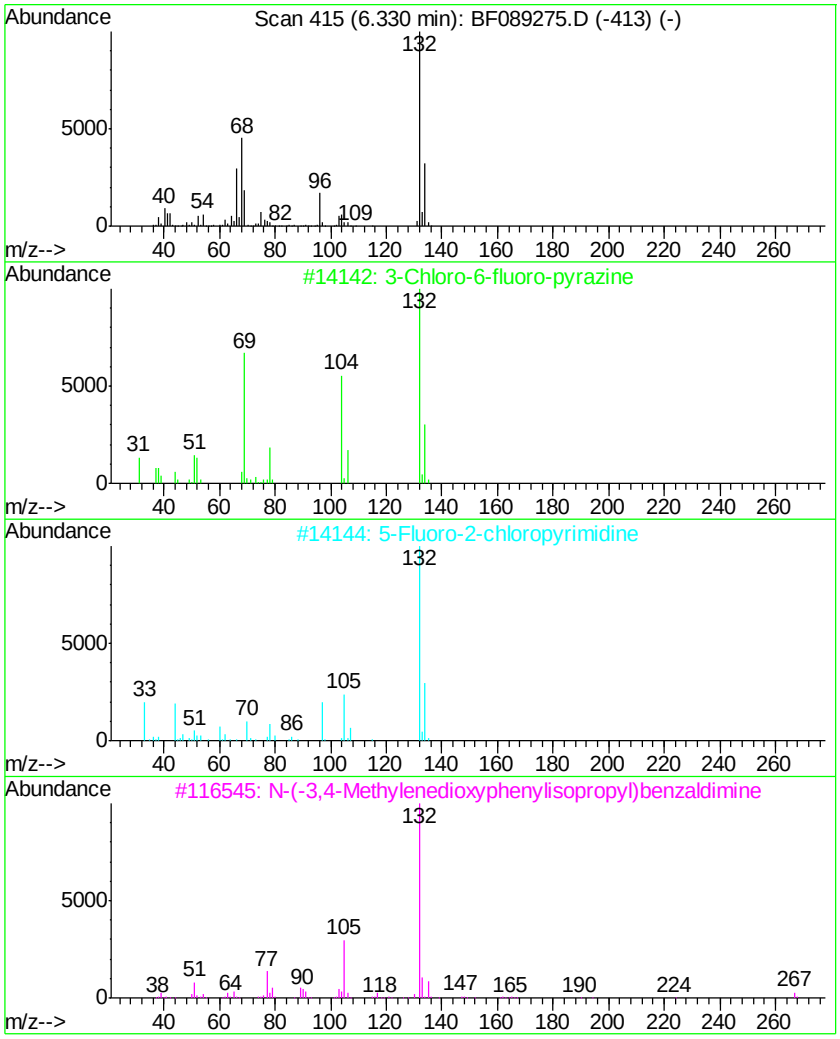
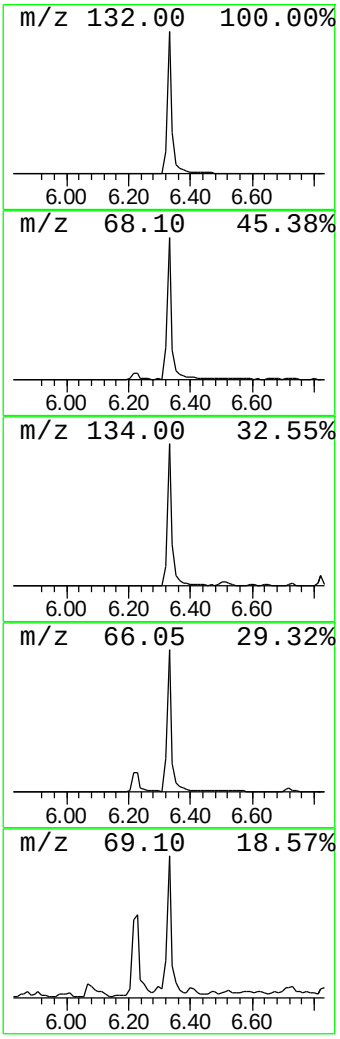
Peak Number 8 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	74.15 ng	1513160	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

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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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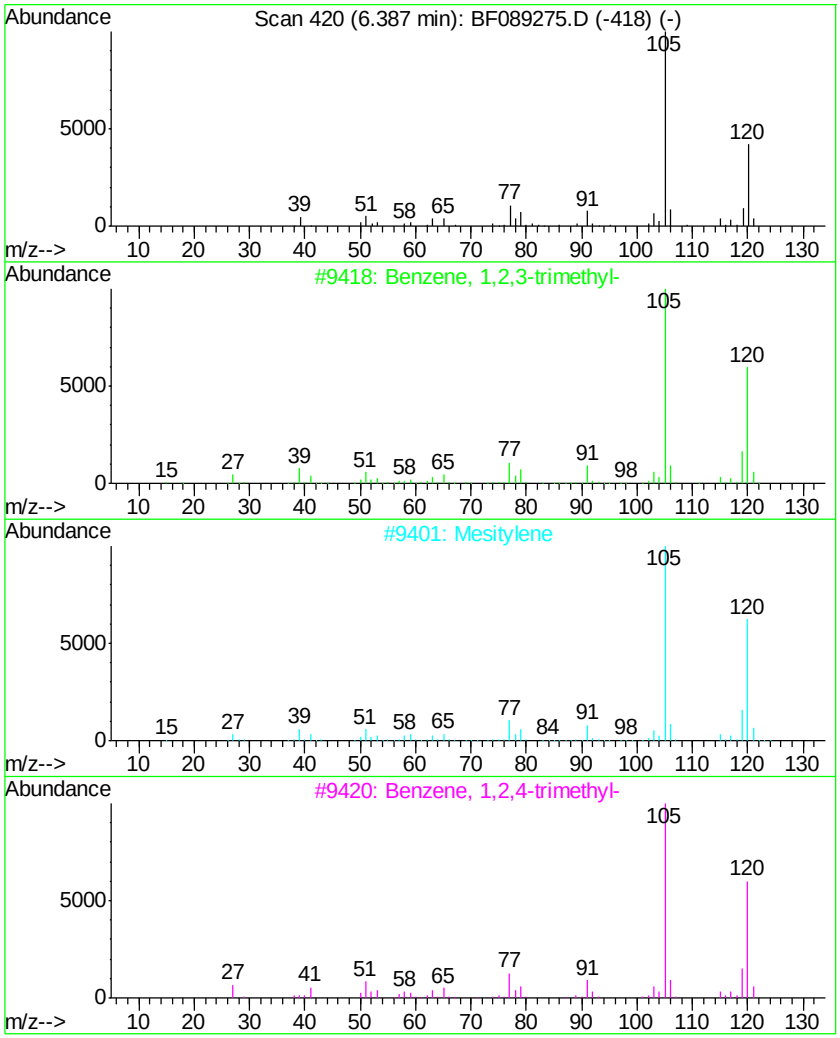
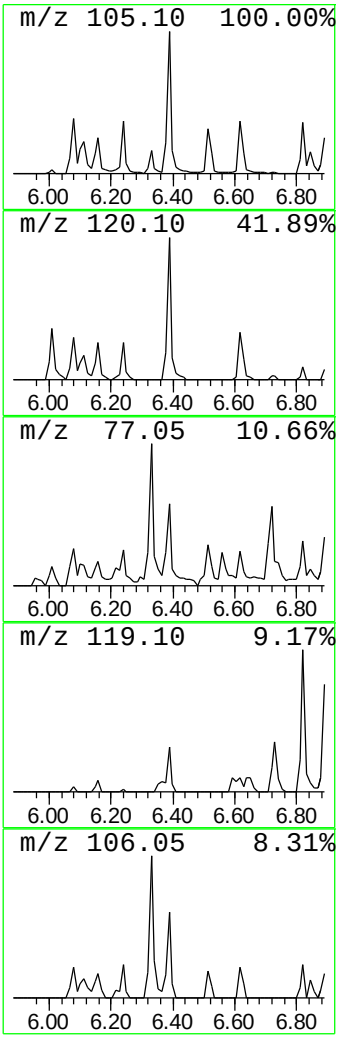
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	14.46 ng	295174	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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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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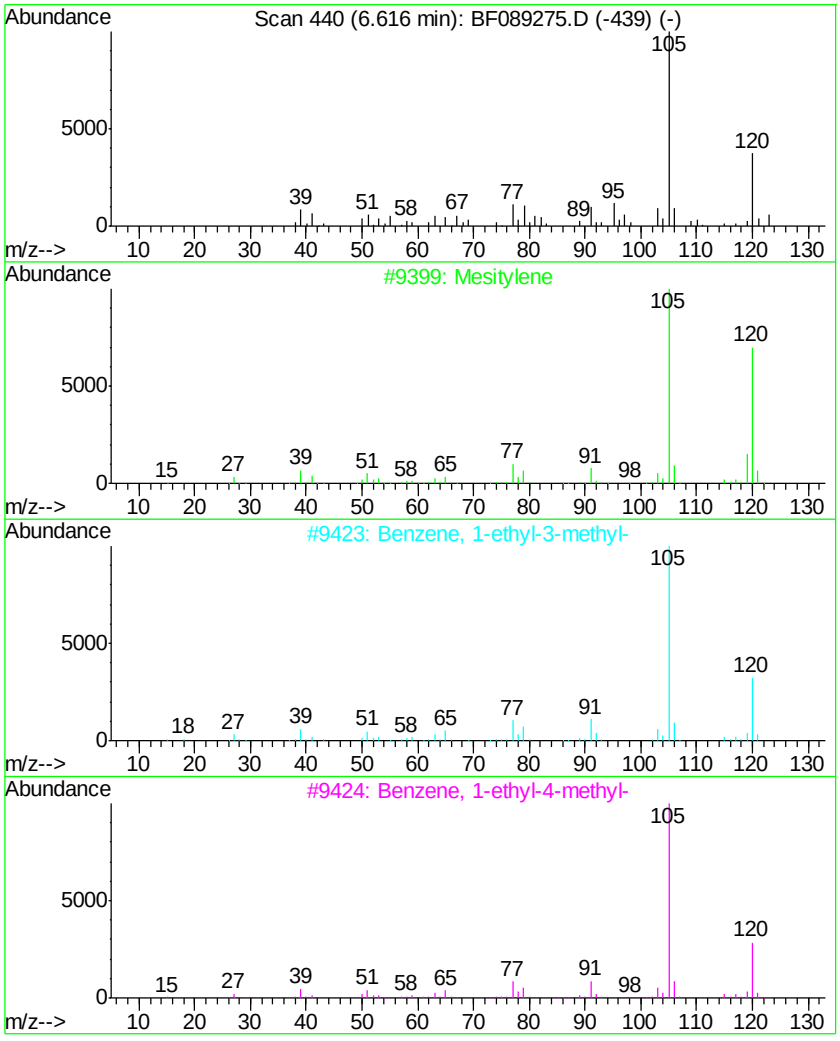
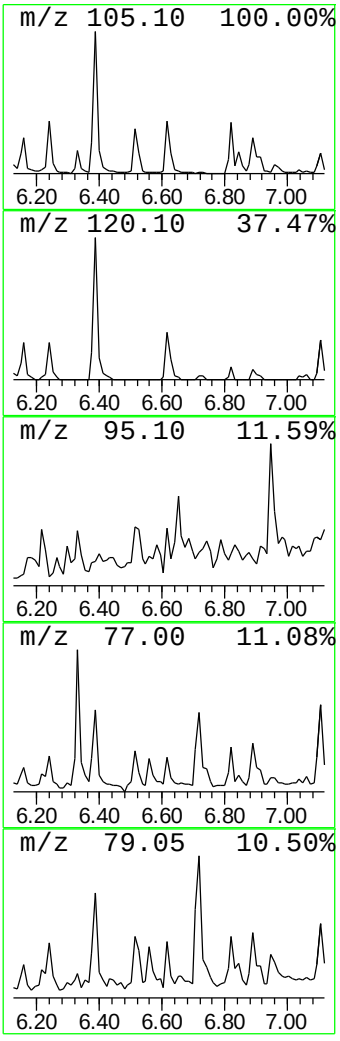
Peak Number 10 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	6.69 ng	136514	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	81
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





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

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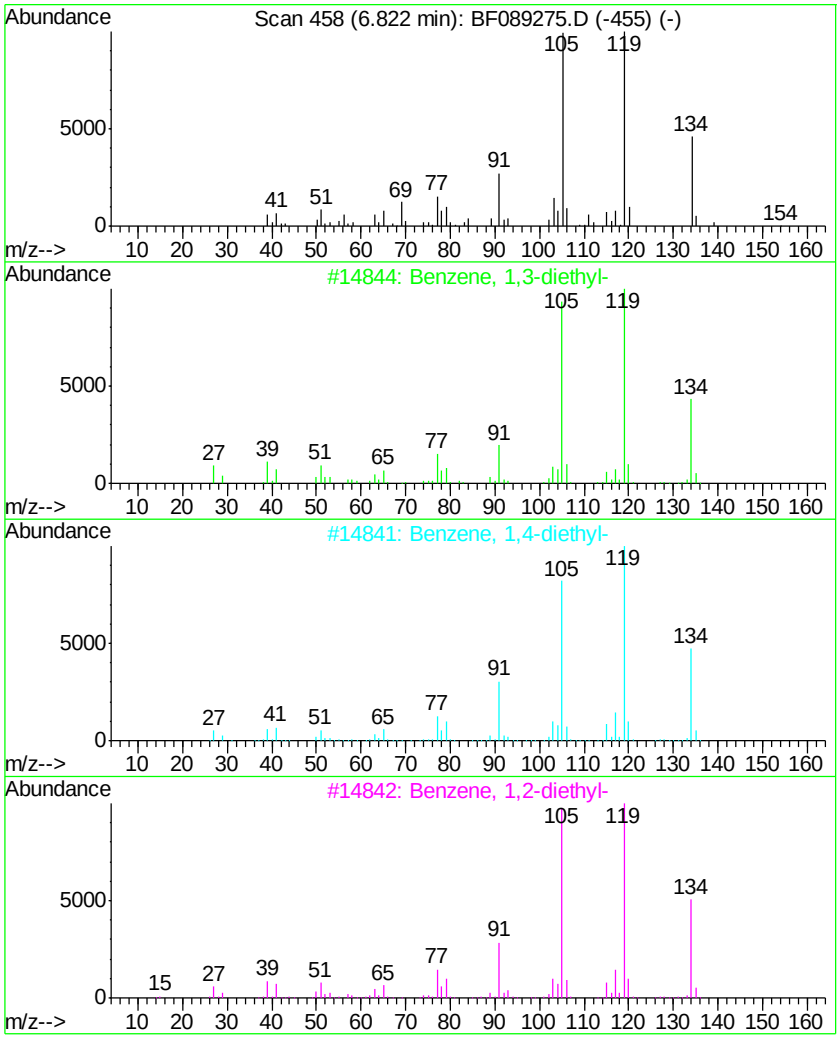
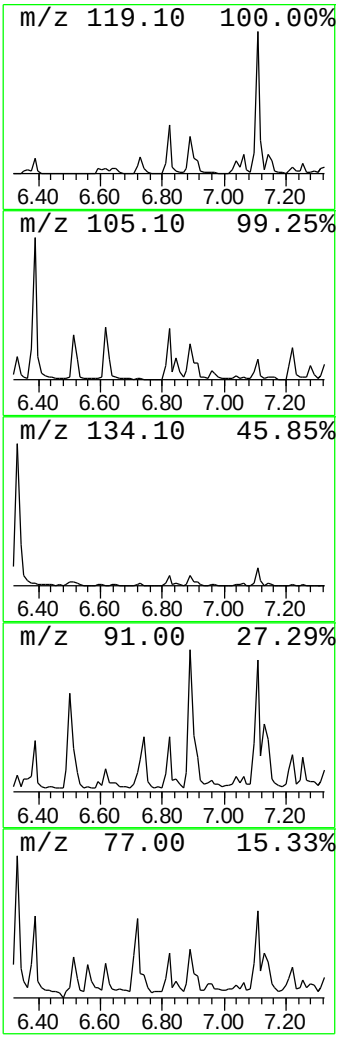
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	7.69 ng	157027	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

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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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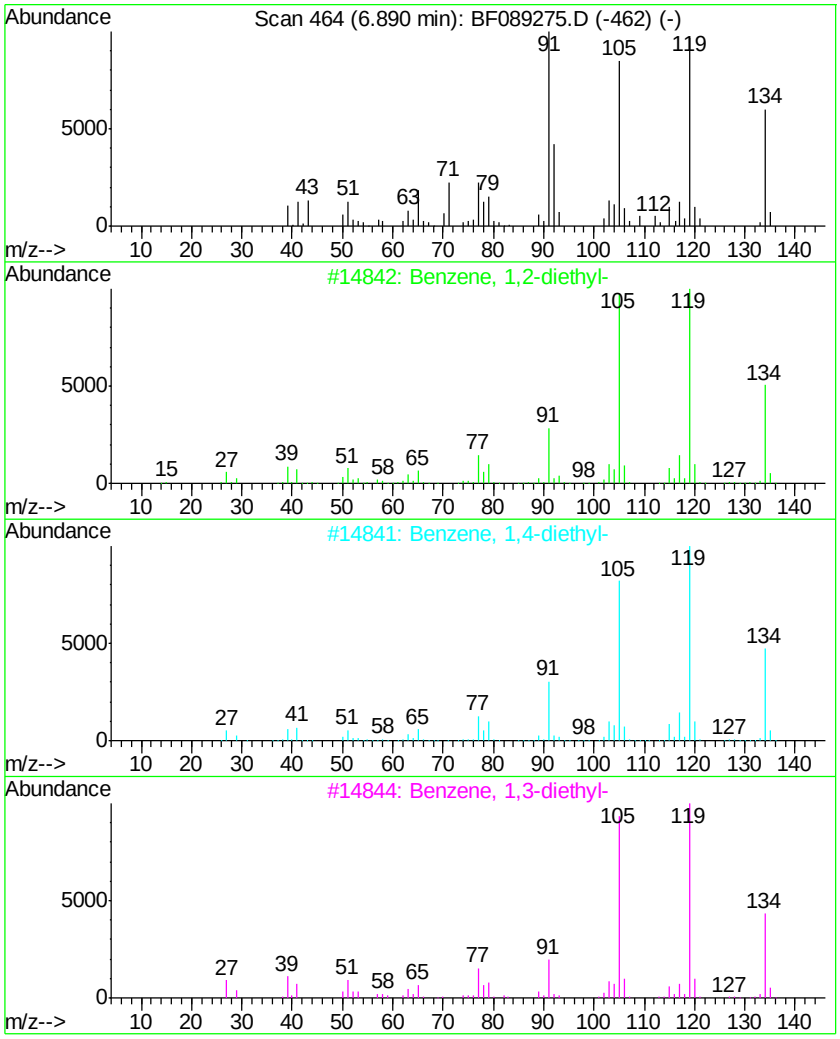
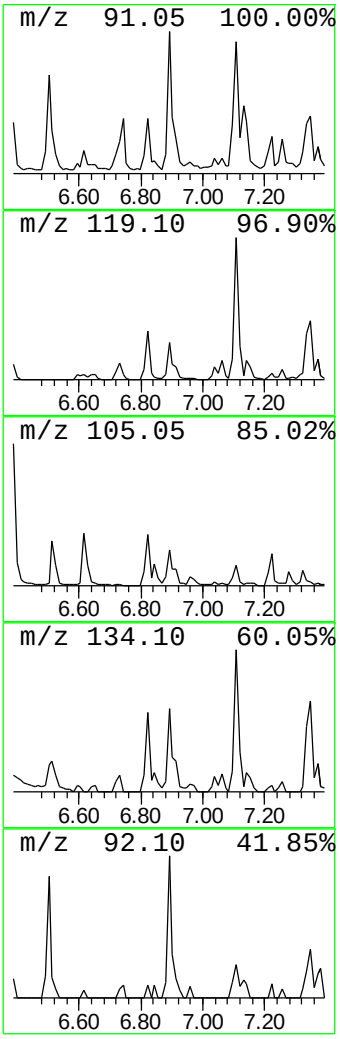
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	8.99 ng	183508	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





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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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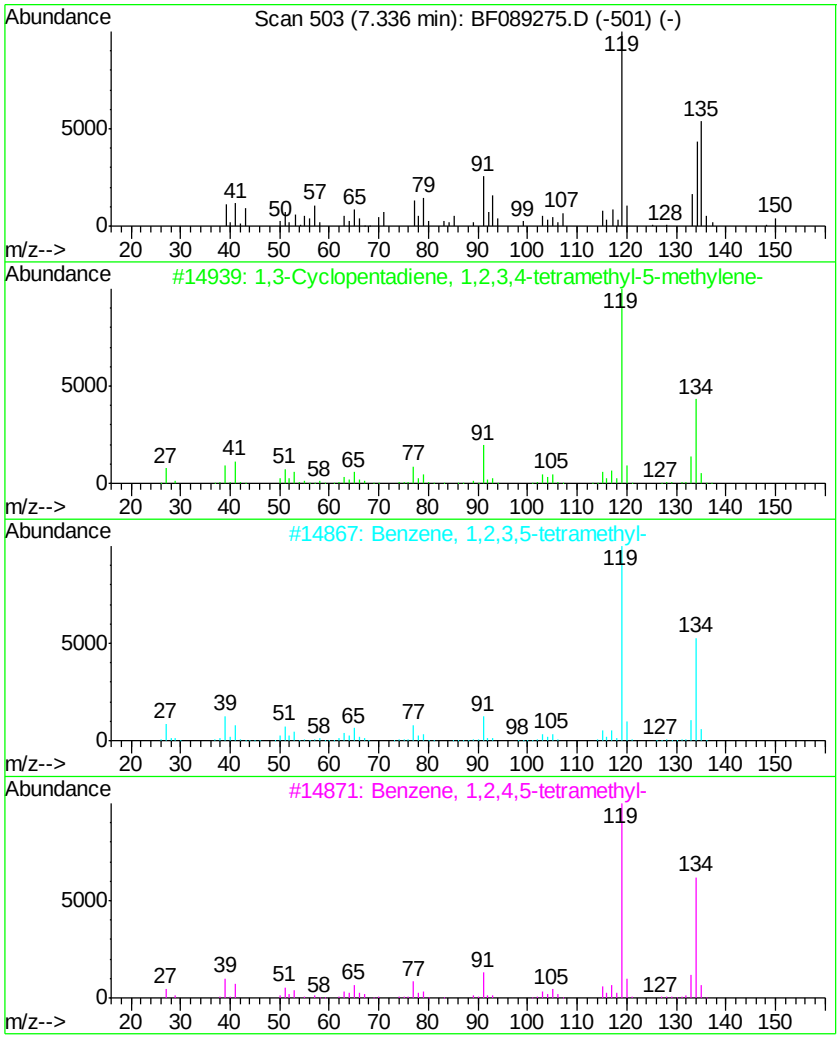
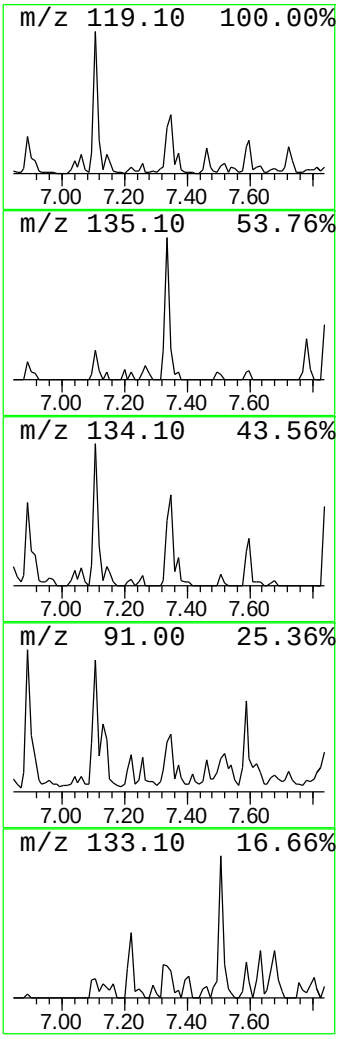
Peak Number 14 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	6.33 ng	187576	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70





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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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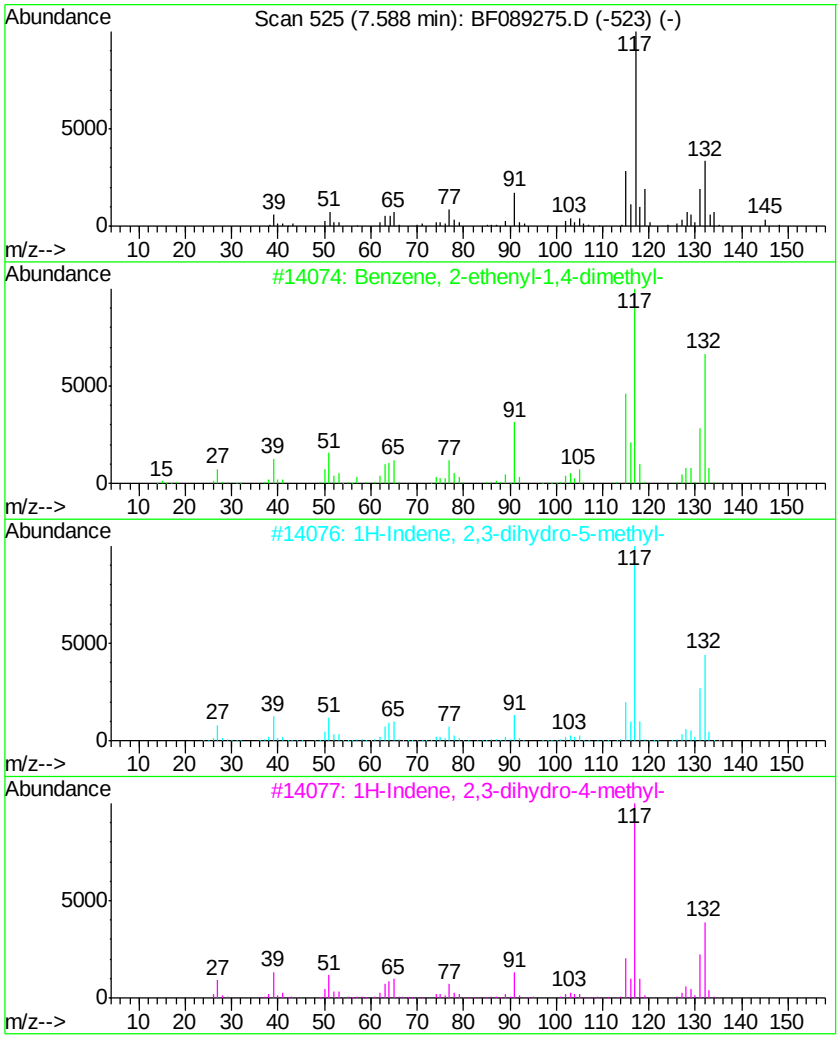
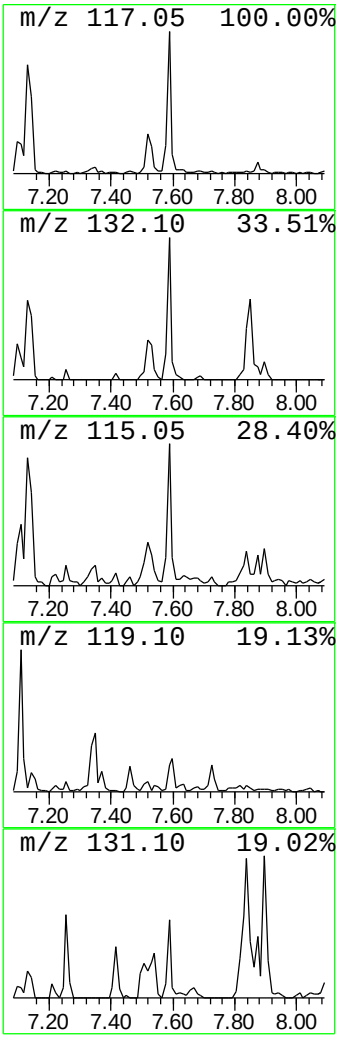
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	7.42 ng	220062	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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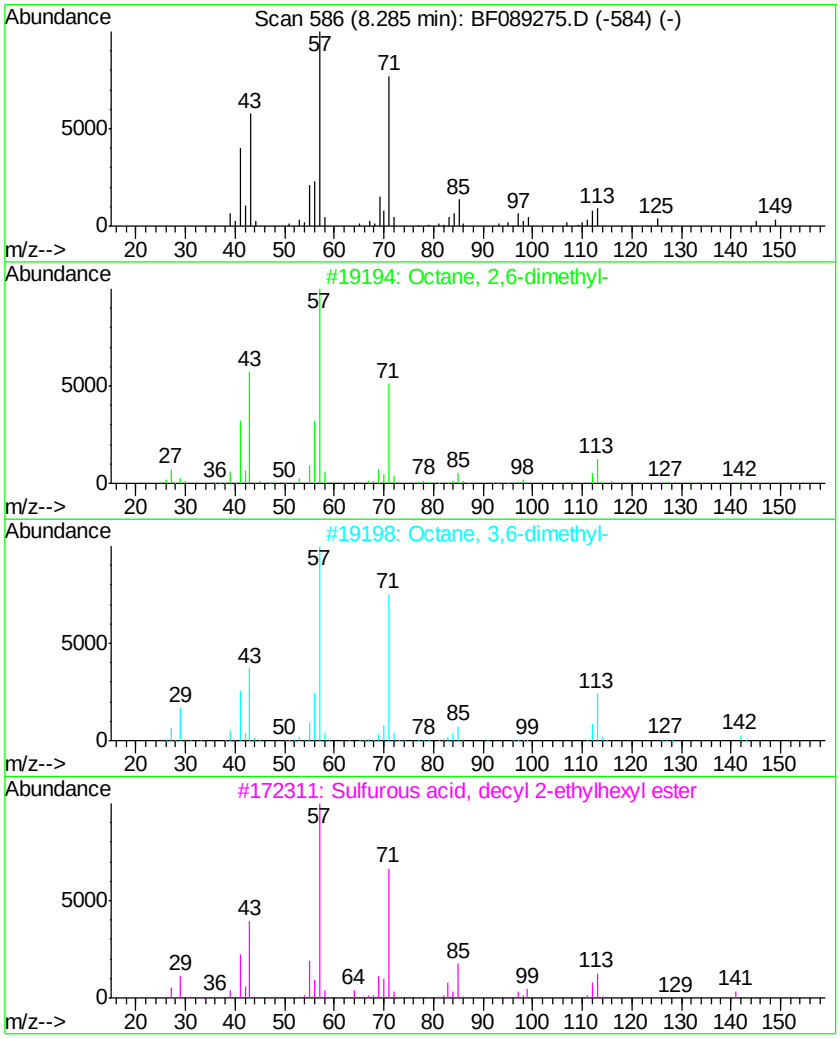
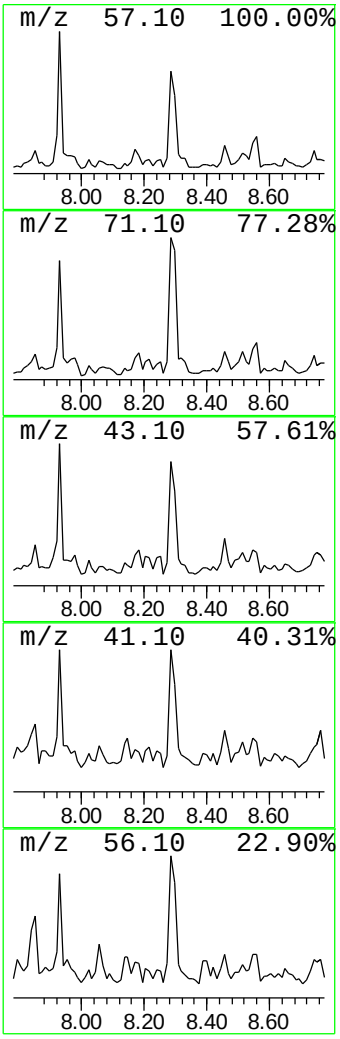
Peak Number 16 Octane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	6.35 ng	188323	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64





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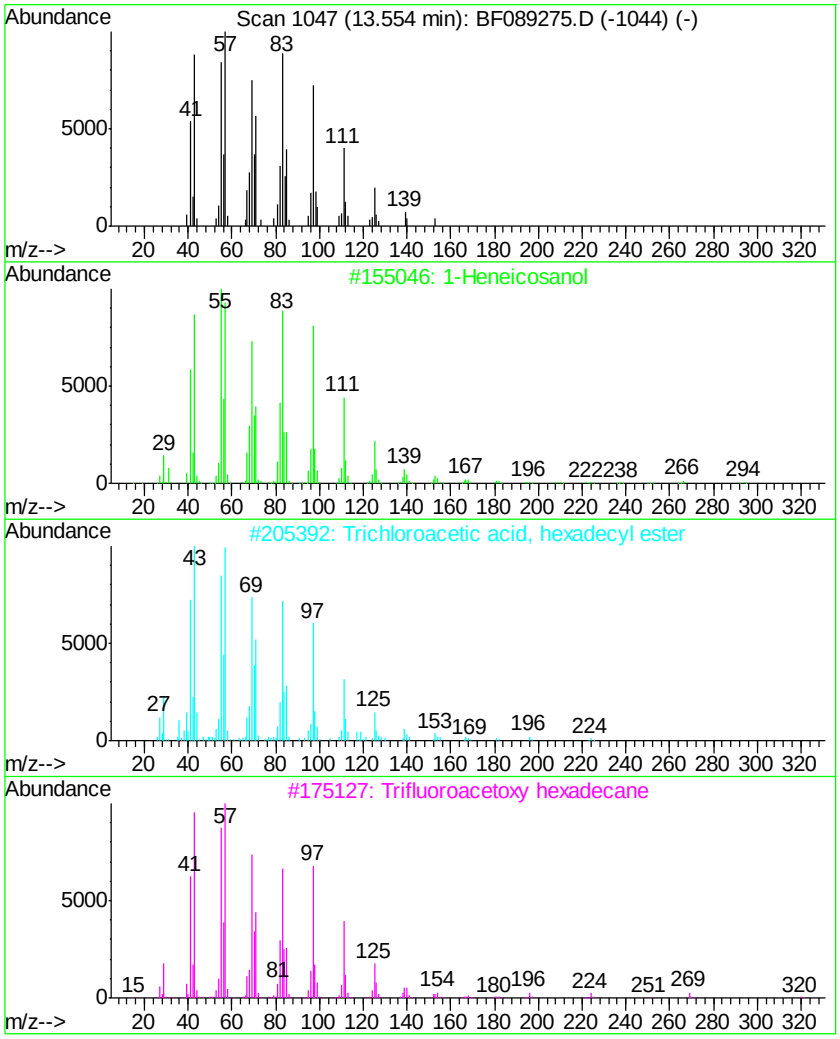
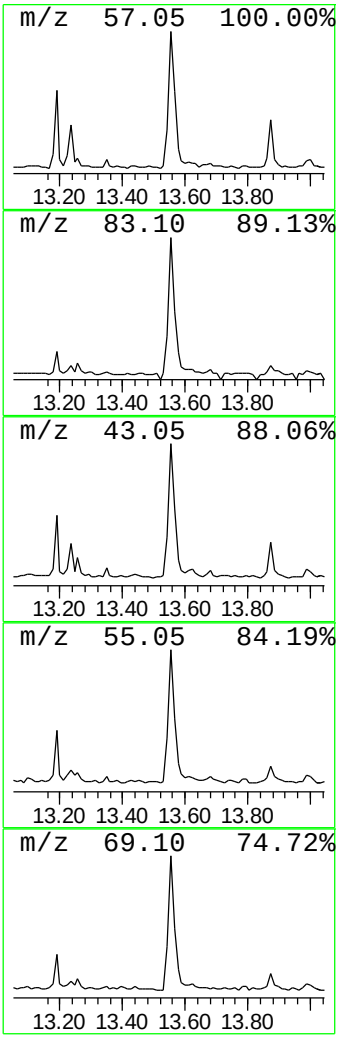
Peak Number 17 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	8.64 ng	151384	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	87





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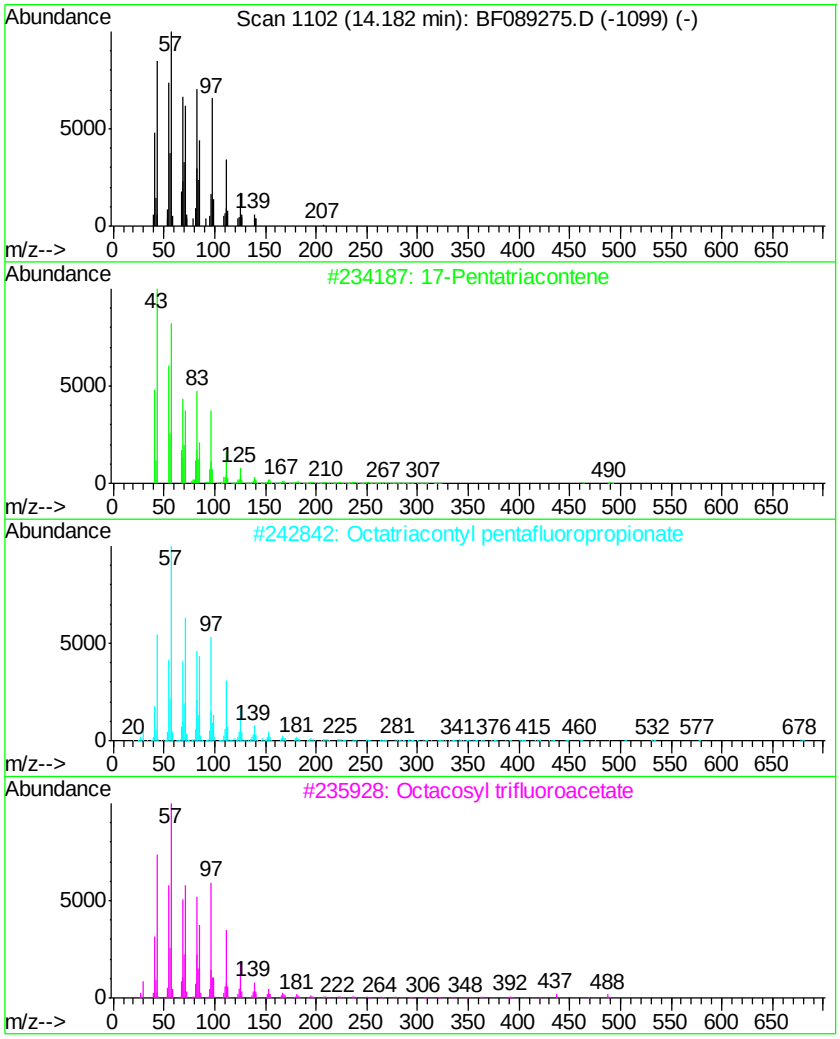
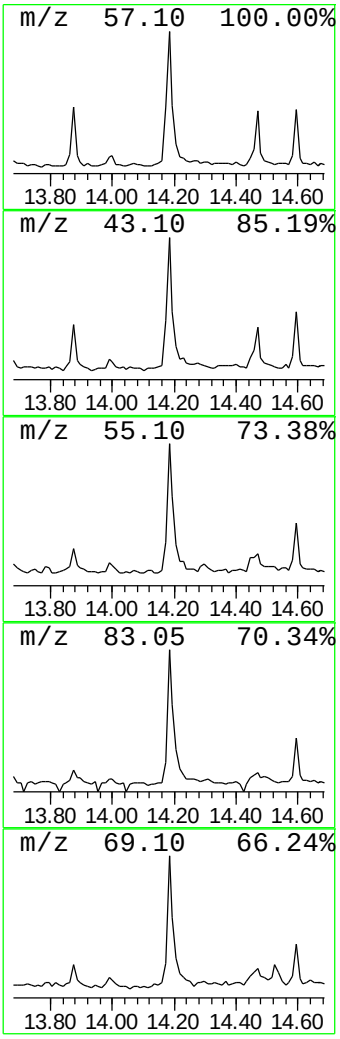
Peak Number 18 17-Pentatriacontene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	6.99 ng	122357	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	1-Hentetracontanol	593	C41H84O	040710-42-7	91





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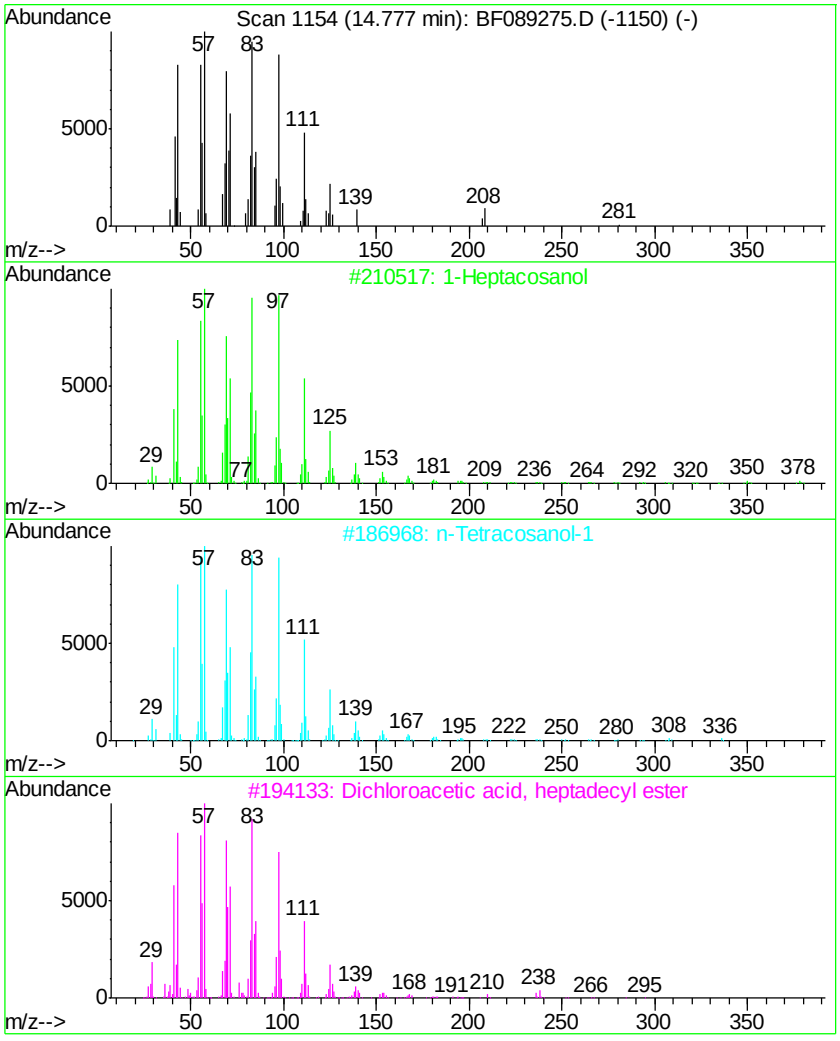
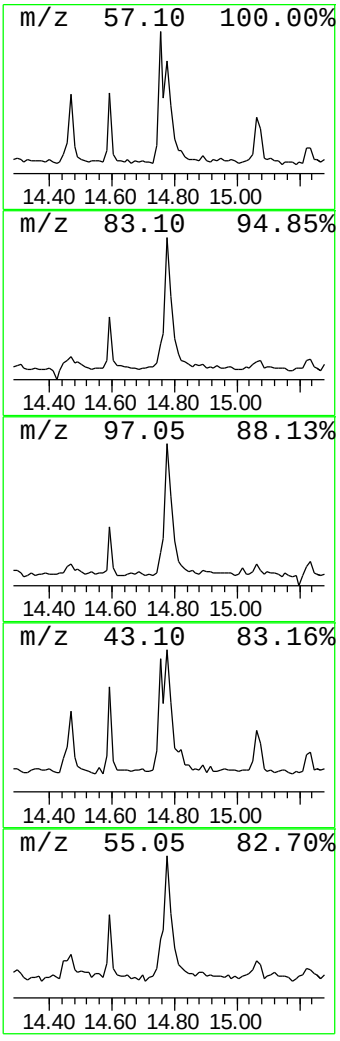
Peak Number 19 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	9.96 ng	128450	Perylene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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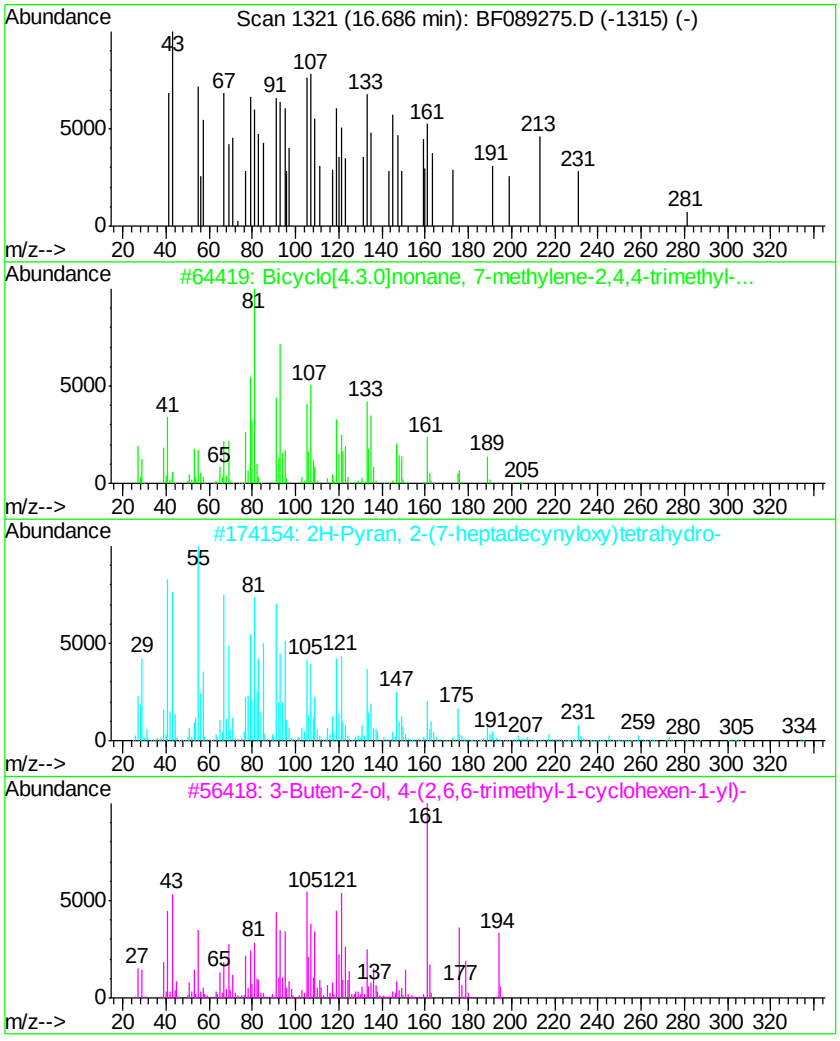
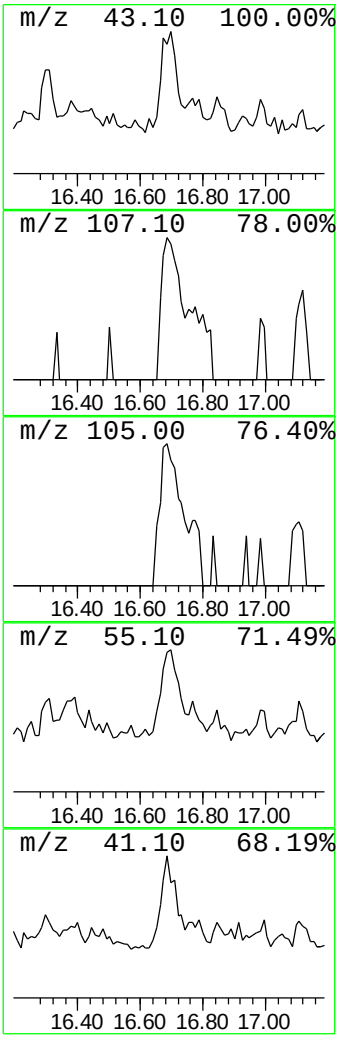
Peak Number 20 unknown16.69 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	6.62 ng	85425	Perylene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	43
2	2H-Pyran, 2-(7-heptadecynyloxy)t...	336	C22H40O2	056599-50-9	38
3	3-Buten-2-ol, 4-(2,6,6-trimethyl...	194	C13H22O	022029-76-1	38
4	Guaia-1(10),11-diene	204	C15H24	1000374-19-7	38
5	4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089275.D
Acq On : 25 Jul 2016 13:13
Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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...	4.70	6.9	ng	141237	1	6.56	408145	20.0
Benzene, 1,3-dime...	5.08	6.2	ng	126495	1	6.56	408145	20.0
Benzene, (1-methy...	5.70	6.0	ng	122310	1	6.56	408145	20.0
3-Ethylcyclopenta...	5.79	8.0	ng	162907	1	6.56	408145	20.0
1-Hexene, 3,5,5-t...	6.07	7.6	ng	155755	1	6.56	408145	20.0
unknown6.33	6.33	74.2	ng	1513160	1	6.56	408145	20.0
Benzene, 1,2,3-tr...	6.39	14.5	ng	295174	1	6.56	408145	20.0
Mesitylene	6.62	6.7	ng	136514	1	6.56	408145	20.0
Benzene, 1,3-diet...	6.82	7.7	ng	157027	1	6.56	408145	20.0
Benzene, 1,2-diet...	6.89	9.0	ng	183508	1	6.56	408145	20.0
1,3-Cyclopentadie...	7.34	6.3	ng	187576	2	7.85	592914	20.0
Benzene, 2-etheny...	7.59	7.4	ng	220062	2	7.85	592914	20.0
Octane, 2,6-dimet...	8.28	6.3	ng	188323	2	7.85	592914	20.0
1-Heneicosanol	13.55	8.6	ng	151384	5	13.68	350306	20.0
17-Pentatriacontene	14.18	7.0	ng	122357	5	13.68	350306	20.0
1-Heptacosanol	14.78	10.0	ng	128450	6	15.02	258034	20.0
unknown16.69	16.69	6.6	ng	85425	6	15.02	258034	20.0