LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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	2.167	5	7	11	rVB	469214	600594	1.60%	0.146%
2	3.904	151	159	161	rBV	14253159	37628754	100.00%	9.176%
3	4.293	190	193	195	rBV	350187	516901	1.37%	0.126%
4	4.350	195	198	200	rVB2	223873	386879	1.03%	0.094%
5	4.453	202	207	209	rBV2	3429918	6769375	17.99%	1.651%
6	4.738	229	232	234	rBV	408871	475711	1.26%	0.116%
7	4.864	241	243	246	rVB	688624	942910	2.51%	0.230%
8	4.921	246	248	250	rBV2	359798	456884	1.21%	0.111%
9	5.013	253	256	259	rVV3	170939	453841	1.21%	0.111%
10	5.081	259	262	265	rVV4	541648	948535	2.52%	0.231%
11	5.207	270	273	276	rVB2	596012	1027972	2.73%	0.251%
12	5.356	283	286	290	rVV	10081512	13771730	36.60%	3.358%
13	5.481	293	297	302	rVB2	15253152	33270522	88.42%	8.113%
14	5.641	308	311	312	rBV	373366	459721	1.22%	0.112%
15	5.676	312	314	315	rVV	829446	925017	2.46%	0.226%
16	5.733	316	319	320	rVV	8147795	8745093	23.24%	2.133%
17	5.756	320	321	322	rVV	760405	702290	1.87%	0.171%
18	5.801	322	325	328	rVB3	830117	1583180	4.21%	0.386%
19	5.859	328	330	332	rBV	368469	390083	1.04%	0.095%
20	5.939	332	337	339	rBV3	769548	1505196	4.00%	0.367%
21	6.053	345	347	350	rBV	2001407	2384464	6.34%	0.581%
22	6.167	355	357	358	rVB2	451822	598352	1.59%	0.146%
23	6.201	358	360	362	rBV2	1555806	1990328	5.29%	0.485%
24	6.236	362	363	365	rVB	680578	640820	1.70%	0.156%
25	6.281	365	367	368	rBV2	274876	458619	1.22%	0.112%
26	6.316	368	370	372	rBV2	409100	991944	2.64%	0.242%
27	6.350	372	373	375	rVB	1604549	1308788	3.48%	0.319%
28	6.419	375	379	380	rBV2	4353422	5024611	13.35%	1.225%
29	6.453	380	382	384	rBV2	1148497	1749368	4.65%	0.427%
30	6.487	384	385	387	rVB	2152201	2348467	6.24%	0.573%
31	6.556	387	391	392	rBV	1568636	2350750	6.25%	0.573%
32	6.601	392	395	397	rVB2	1631498	2973638	7.90%	0.725%
33	6.670	397	401	403	rBV	5008524	6350751	16.88%	1.549%
34	6.716	403	405	407	rVB	5641405	5661410	15.05%	1.381%

LSC Area Percent Report

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Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

35	6.773	407	410	413	rBV4	1047118	1520786	4.04%	0.371%
36	6.819	413	414	416	rVB2	549231	509803	1.35%	0.124%
37	6.899	418	421	424	rBV3	2117710	4815848	12.80%	1.174%
38	6.956	424	426	429	rVB	3174089	3782354	10.05%	0.922%
39	7.047	432	434	438	rBV2	5299927	6982685	18.56%	1.703%
40	7.104	438	439	443	rBV	1665641	1885174	5.01%	0.460%
41	7.173	443	445	447	rBV2	507302	464459	1.23%	0.113%
42	7.230	447	450	453	rBV3	1483314	3452594	9.18%	0.842%
43	7.310	453	457	458	rVB	2955389	4773290	12.69%	1.164%
44	7.333	458	459	463	rVB2	1826433	1785572	4.75%	0.435%
45	7.459	463	470	472	rBV	4223342	8704624	23.13%	2.123%
46	7.550	476	478	479	rVV	2564219	3887866	10.33%	0.948%
47	7.584	479	481	482	rVV	2717601	3760707	9.99%	0.917%
48	7.619	482	484	485	rVV2	1512900	2430800	6.46%	0.593%
49	7.687	485	490	491	rVV4	4023686	12526156	33.29%	3.055%
50	7.767	495	497	498	rVV	3473305	4063933	10.80%	0.991%
51	7.859	502	505	508	rBV3	3829230	6911644	18.37%	1.685%
52	7.927	508	511	514	rBV	4786670	6666803	17.72%	1.626%
53	8.019	516	519	521	rBV4	1853213	4407422	11.71%	1.075%
54	8.053	521	522	526	rVB4	1972685	3501748	9.31%	0.854%
55	8.156	530	531	532	rVB	975573	668755	1.78%	0.163%
56	8.190	532	534	539	rBV2	3938106	9344898	24.83%	2.279%
57	8.259	539	540	541	rVB	864469	592593	1.57%	0.145%
58	8.293	541	543	546	rBV3	797328	1211123	3.22%	0.295%
59	8.362	546	549	551	rBV3	1556254	2978204	7.91%	0.726%
60	8.442	554	556	557	rBV2	1629165	2094663	5.57%	0.511%
61	8.567	561	567	569	rBV3	3056486	9308182	24.74%	2.270%
62	8.636	571	573	574	rVV	1397333	2250911	5.98%	0.549%
63	8.682	574	577	580	rVV4	2798296	8234701	21.88%	2.008%
64	8.819	580	589	590	rVV2	4573523	19468484	51.74%	4.747%
65	8.899	594	596	598	rBV2	2444102	4966128	13.20%	1.211%
66	9.002	601	605	606	rBV3	3050217	5636051	14.98%	1.374%
67	9.093	609	613	614	rBV2	1055153	2219040	5.90%	0.541%
68	9.116	614	615	616	rBV	1515765	1206813	3.21%	0.294%
69	9.219	616	624	626	rBV8	2605670	11117665	29.55%	2.711%
70	9.265	626	628	629	rVV	8225891	7916448	21.04%	1.930%
71	9.310	629	632	633	rVB2	3829884	5817670	15.46%	1.419%

LSC Area Percent Report

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Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

72	9.345	633	635	638	rVB4	1885345	3848086	10.23%	0.938%
73	9.402	638	640	641	rBV2	918928	1309086	3.48%	0.319%
74	9.447	641	644	645	rBV2	1481451	3031674	8.06%	0.739%
75	9.505	647	649	651	rVB2	1498584	2090091	5.55%	0.510%
76	9.596	656	657	658	rVV	2324449	2581771	6.86%	0.630%
77	9.630	658	660	662	rVV3	2116708	4503646	11.97%	1.098%
78	9.676	662	664	665	rVV2	2283875	3821258	10.16%	0.932%
79	9.710	665	667	668	rVV2	1916401	3379095	8.98%	0.824%
80	9.768	668	672	673	rVV2	4863332	7710188	20.49%	1.880%
81	9.802	673	675	677	rVV	1470884	3035178	8.07%	0.740%
82	9.836	677	678	681	rVV3	2078371	4313658	11.46%	1.052%
83	9.905	681	684	685	rVV2	1224027	2219490	5.90%	0.541%
84	9.939	685	687	689	rVV2	4903857	6448455	17.14%	1.572%
85	10.019	692	694	696	rVV2	1048155	2126565	5.65%	0.519%
86	10.053	696	697	699	rVV2	1015002	1801271	4.79%	0.439%
87	10.122	701	703	704	rVV	1271113	2004610	5.33%	0.489%
88	10.156	704	706	707	rVV	1003821	1246187	3.31%	0.304%
89	10.190	707	709	710	rVV	856977	1229099	3.27%	0.300%
90	10.225	710	712	714	rVV2	2185457	4119550	10.95%	1.005%
91	10.316	717	720	724	rVV4	2742620	6419474	17.06%	1.565%
92	10.408	726	728	730	rVB3	857713	1183908	3.15%	0.289%
93	10.739	754	757	759	rVB2	3503684	4164803	11.07%	1.016%
94	11.425	815	817	819	rBV	2241191	1993856	5.30%	0.486%
95	13.014	953	956	958	rBV	3908053	3835747	10.19%	0.935%
96	13.059	958	960	962	rVB	577895	567957	1.51%	0.138%
97	14.065	1046	1048	1050	rVB	1461803	1523041	4.05%	0.371%
98	15.505	1171	1174	1177	rVB	1055583	1315050	3.49%	0.321%

Sum of corrected areas: 410082889

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084243.D
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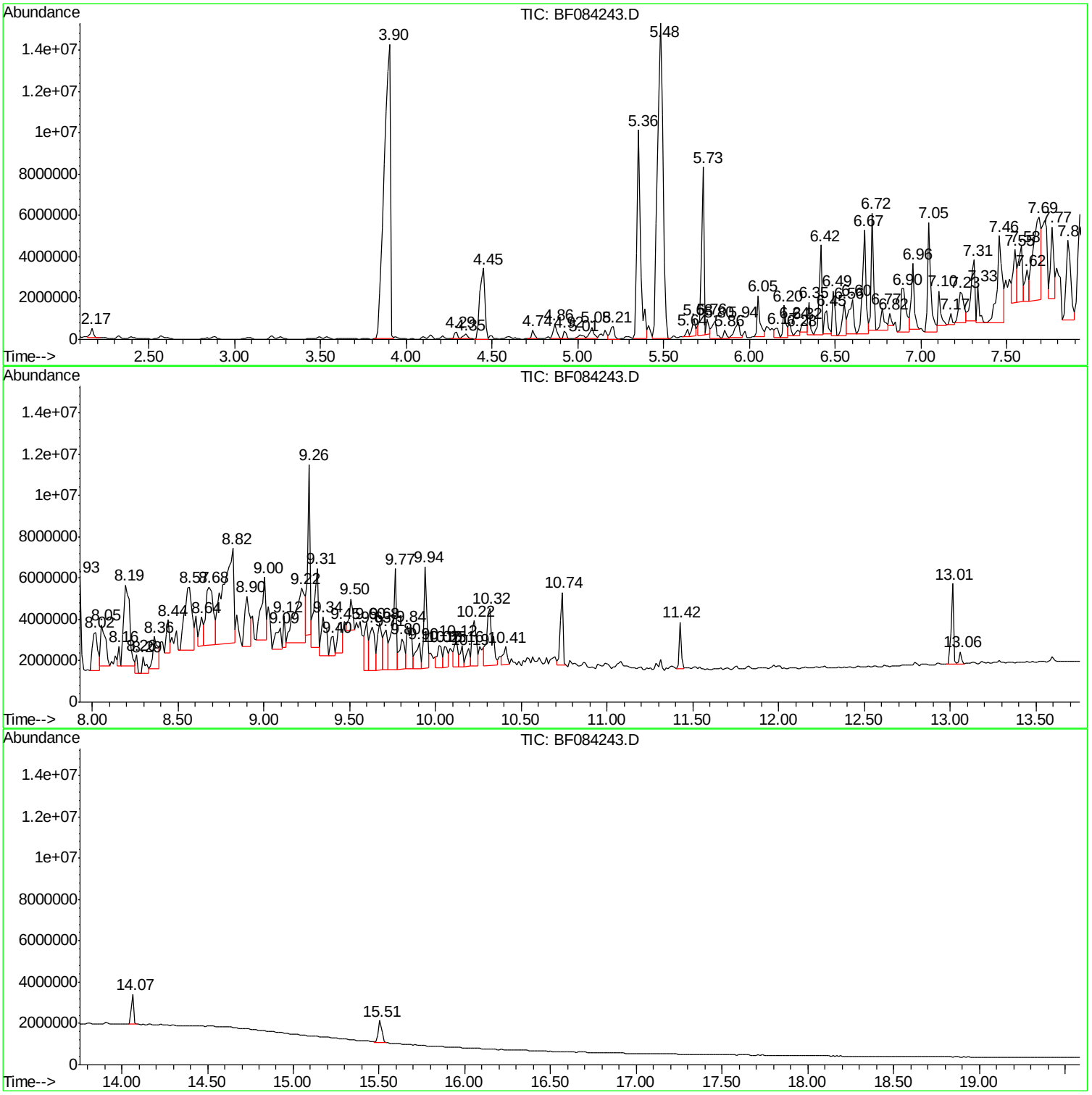
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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\BF010416\
Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
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Instrument : BNA_F
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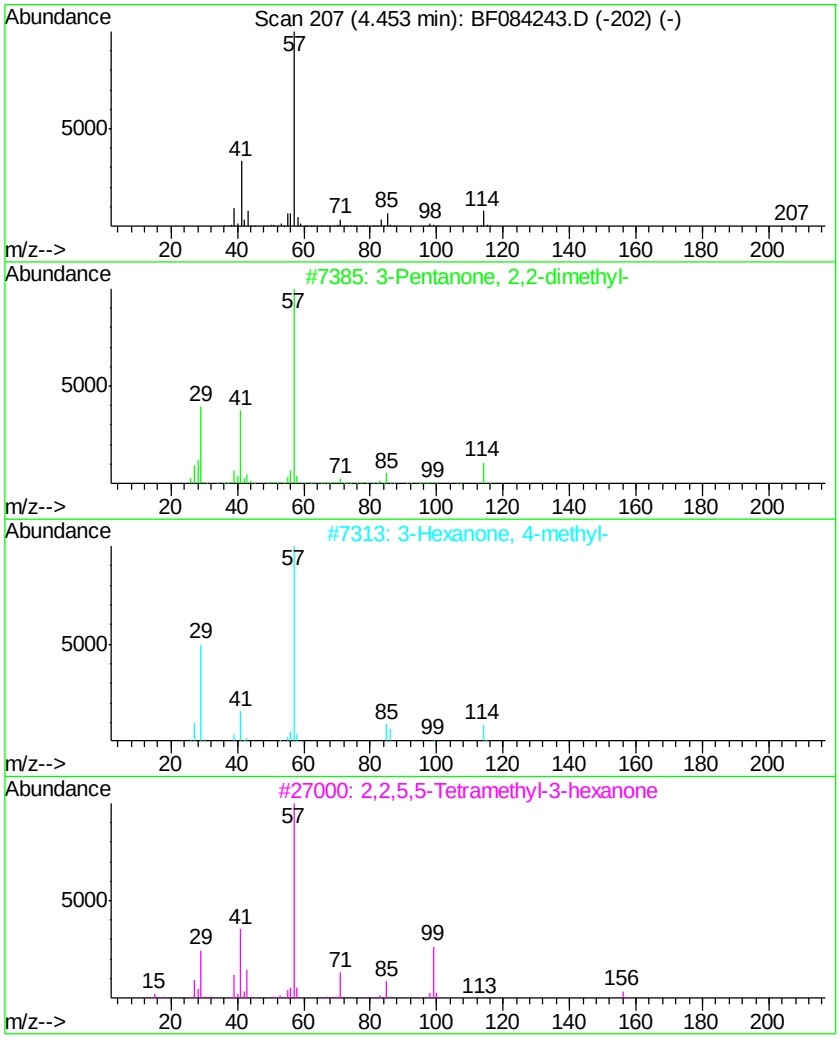
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

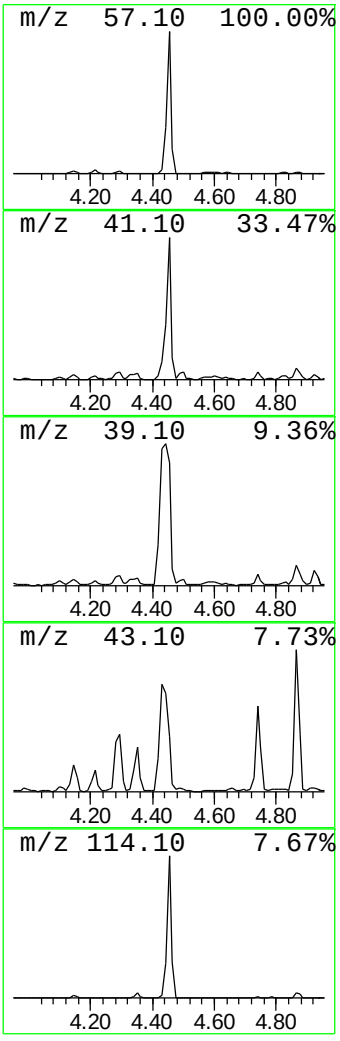
****

Peak Number 2 3-Pentanone, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	28.11 ng	6769380	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	72
2	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	59
3	2,2,5,5-Tetramethyl-3-hexanone	156	C10H20O	000868-91-7	53
4	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	47
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

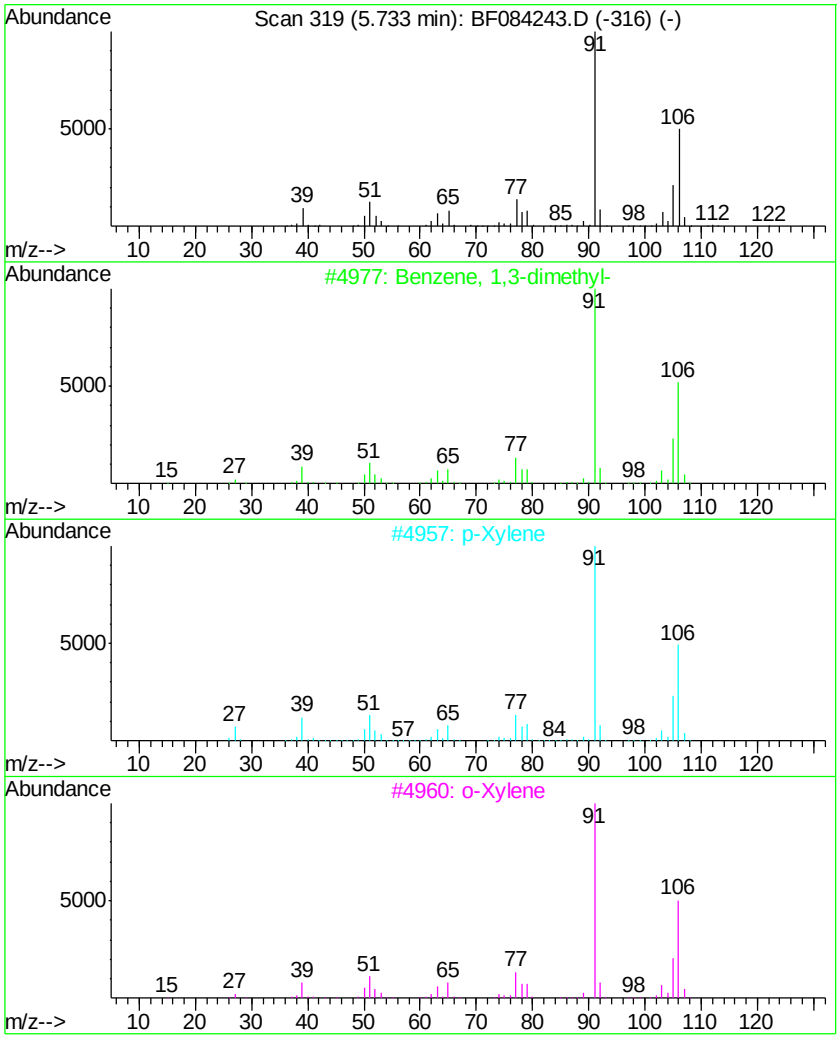
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

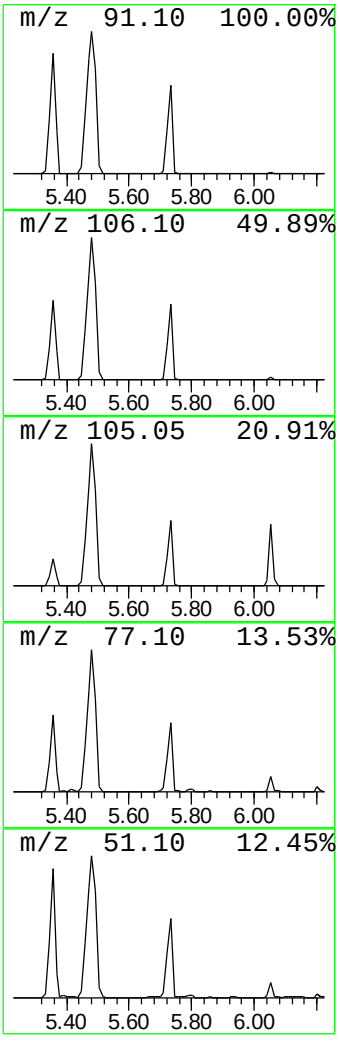
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	36.32 ng	8745090	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

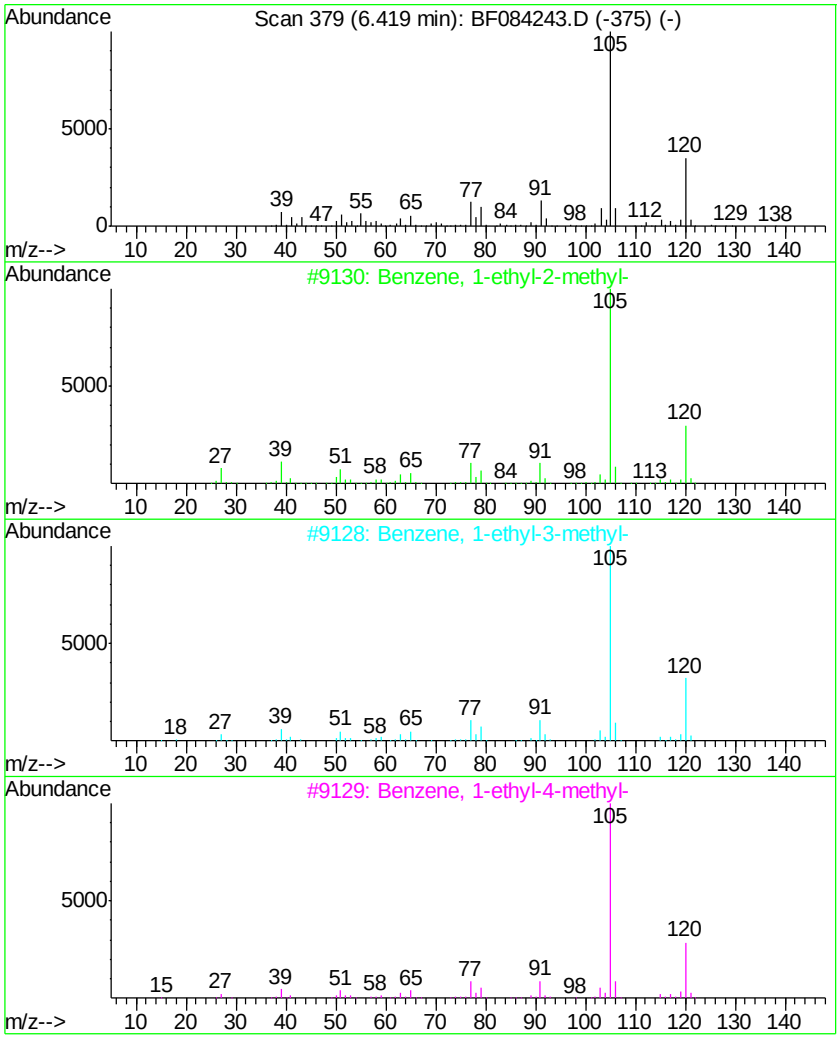
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

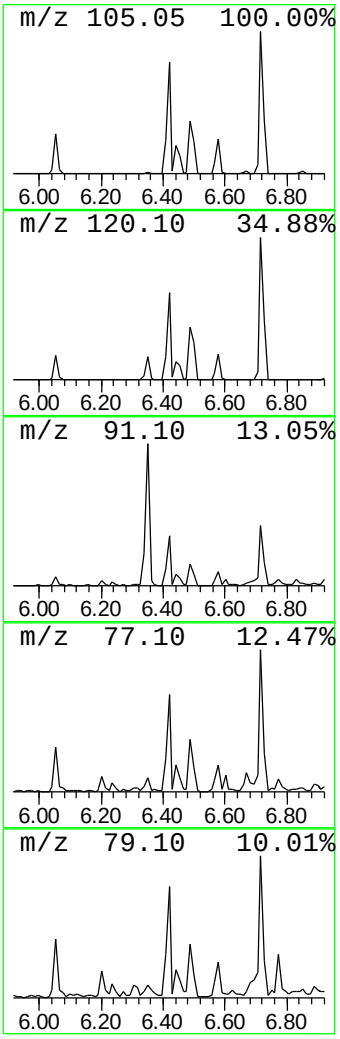
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	20.87 ng	5024610	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

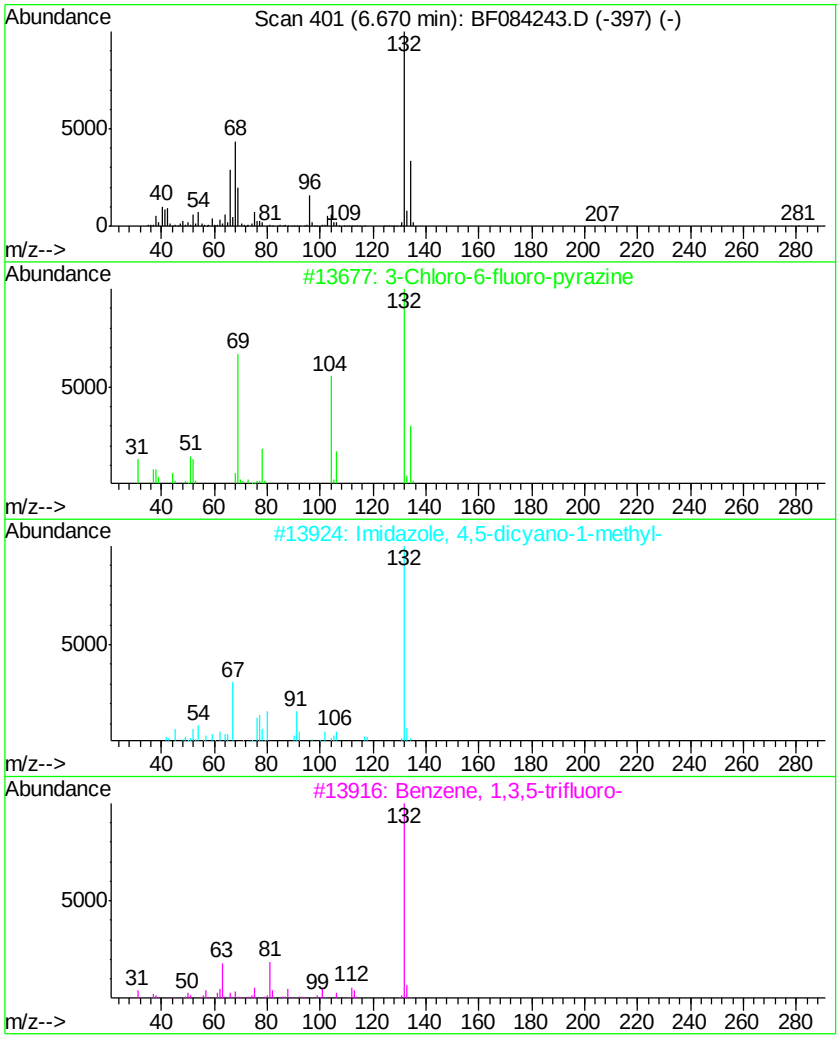
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

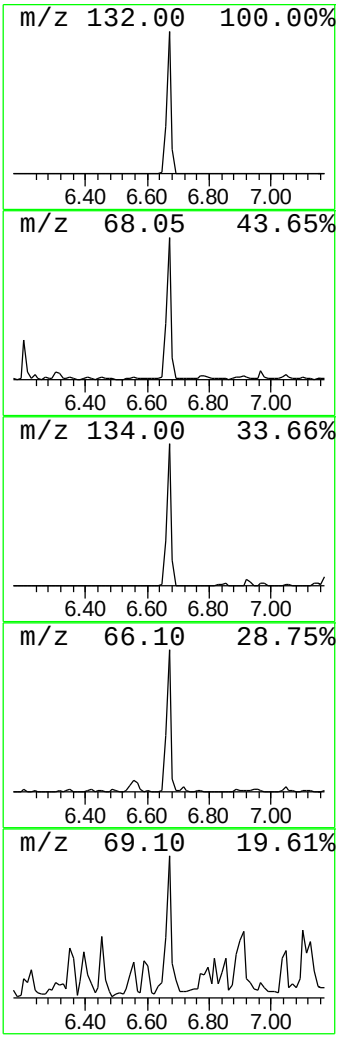
****

Peak Number 6 unknown6.67 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	26.37 ng	6350750	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

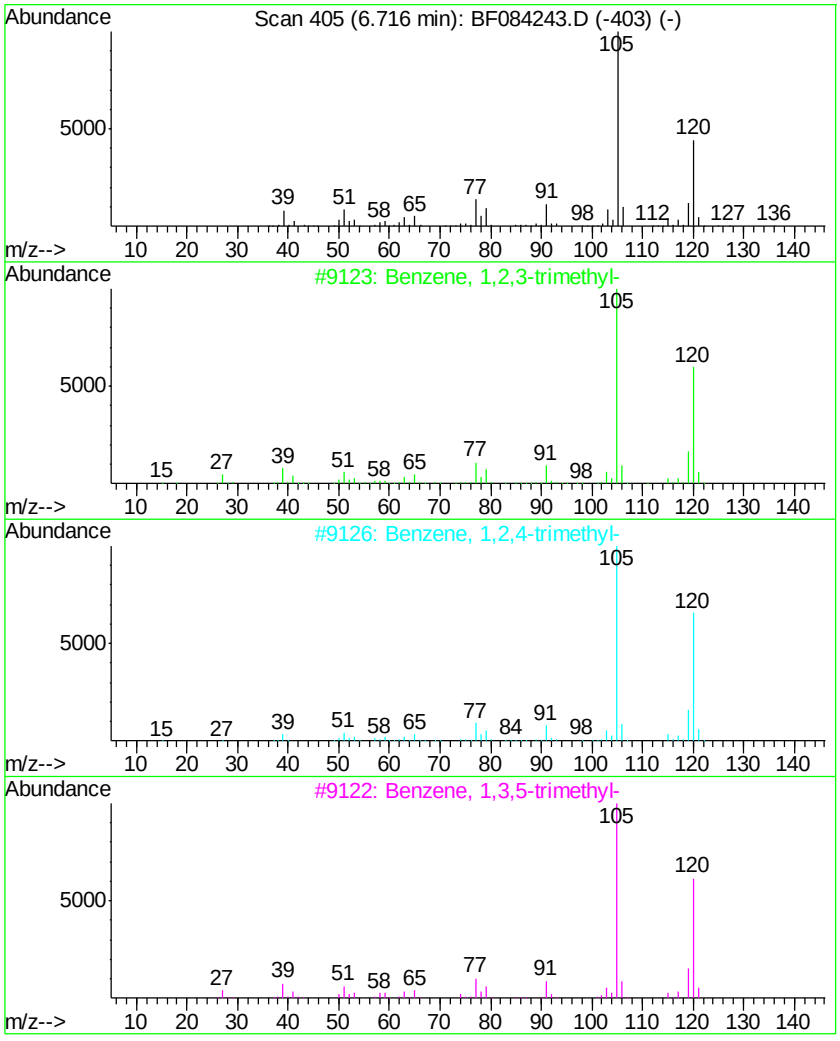
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

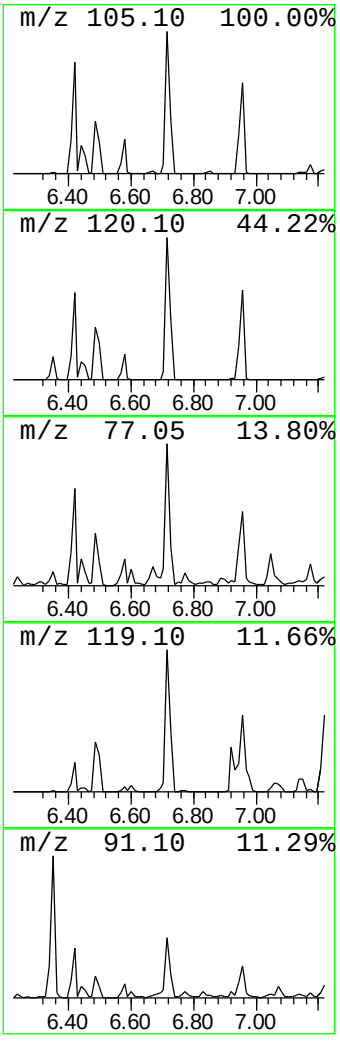
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	23.51 ng	5661410	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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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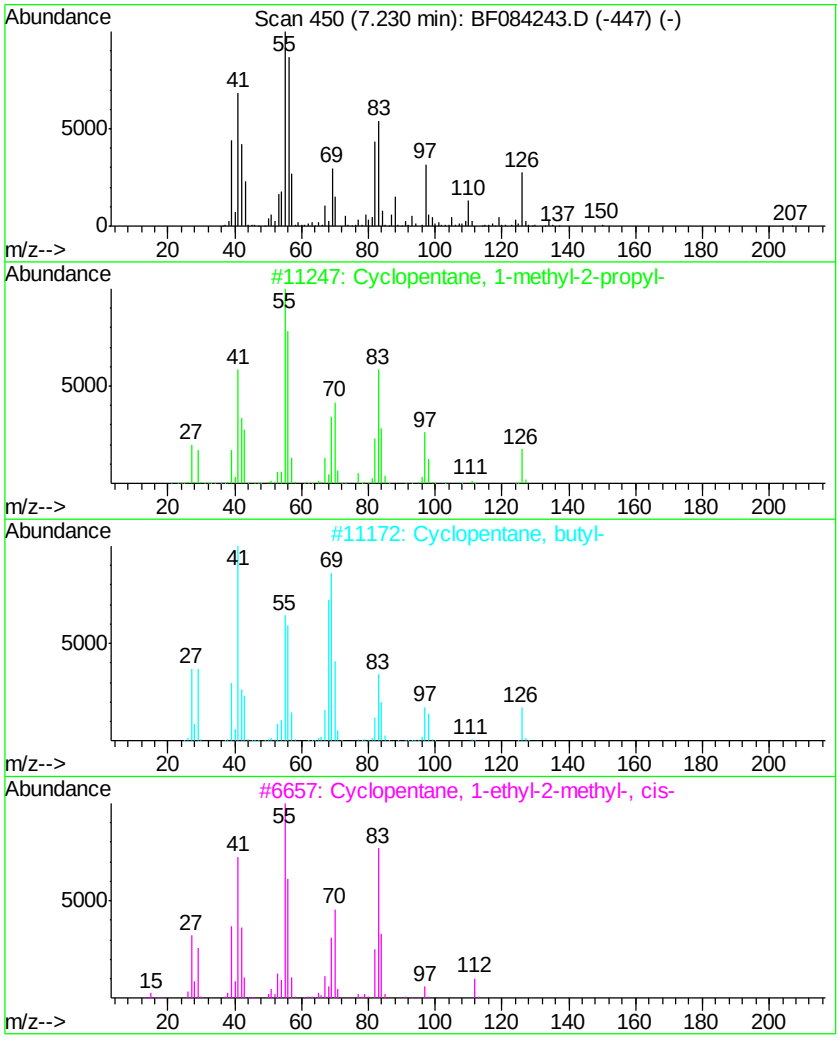
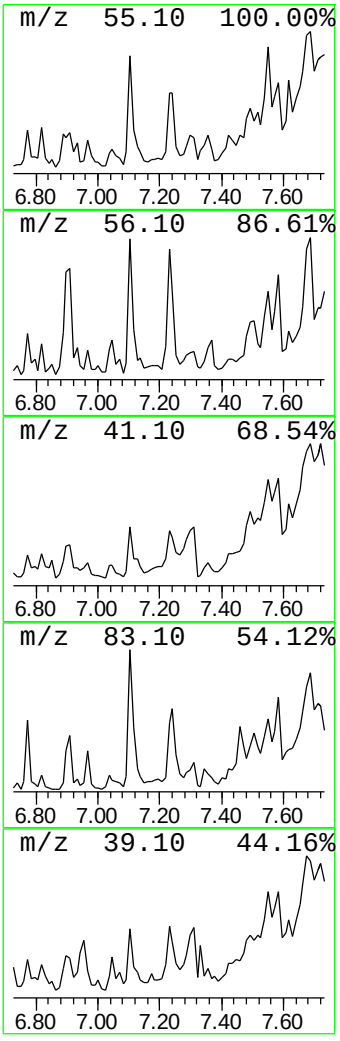
Peak Number 10 Cyclopentane, 1-methyl-2-pr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	14.34 ng	3452590	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	59
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	50
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	47
4	1,3-Cyclopentanedione, 4-ethyl-	126	C7H10O2	057157-03-6	46
5	1-Propenylaziridine	83	C5H9N	1000192-51-0	43





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Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

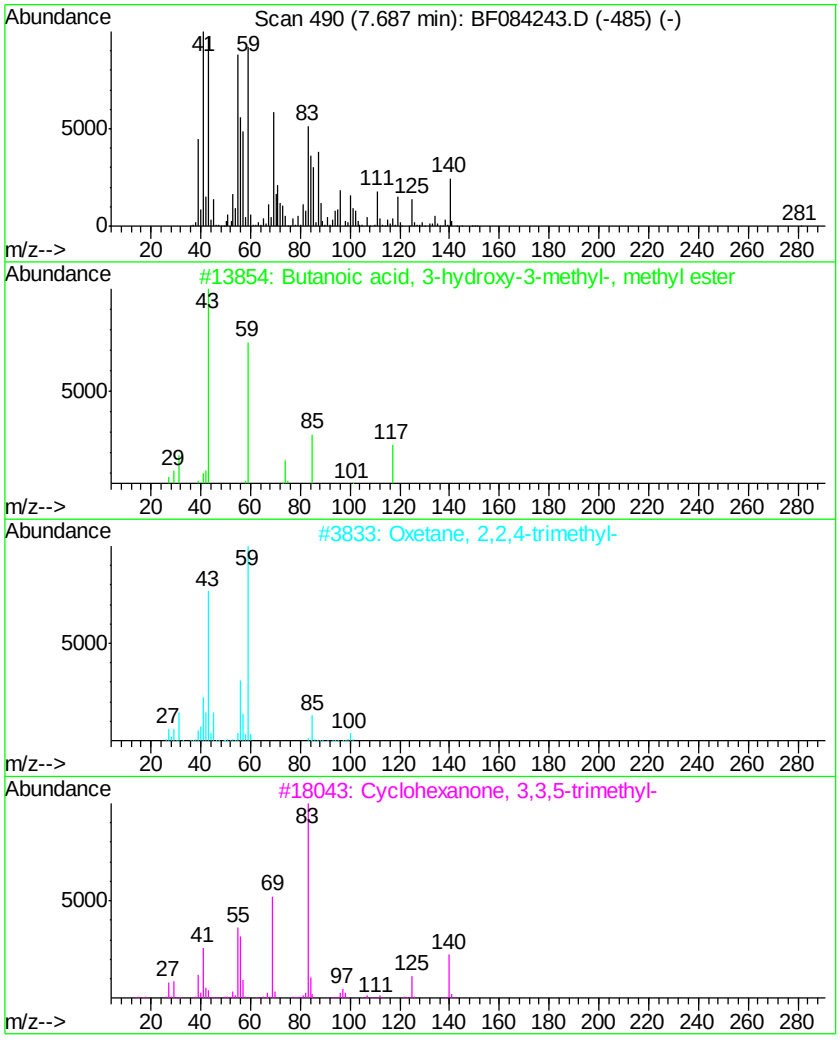
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

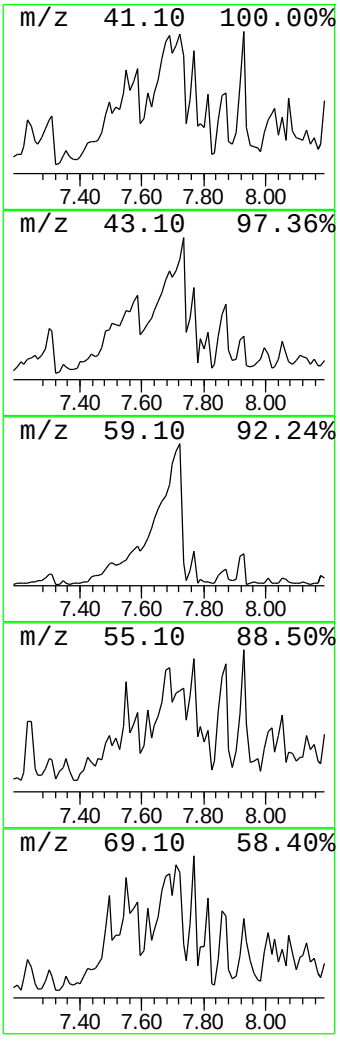
****

Peak Number 11 unknown7.69 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	26.81 ng	12526200	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	22
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	22
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	22
4	Cyclobutanecarboxylic acid, hexy...	184	C11H20O2	1000280-40-3	14
5	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	14





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Data File : BF084243.D
Acq On : 4 Jan 2016 17:12
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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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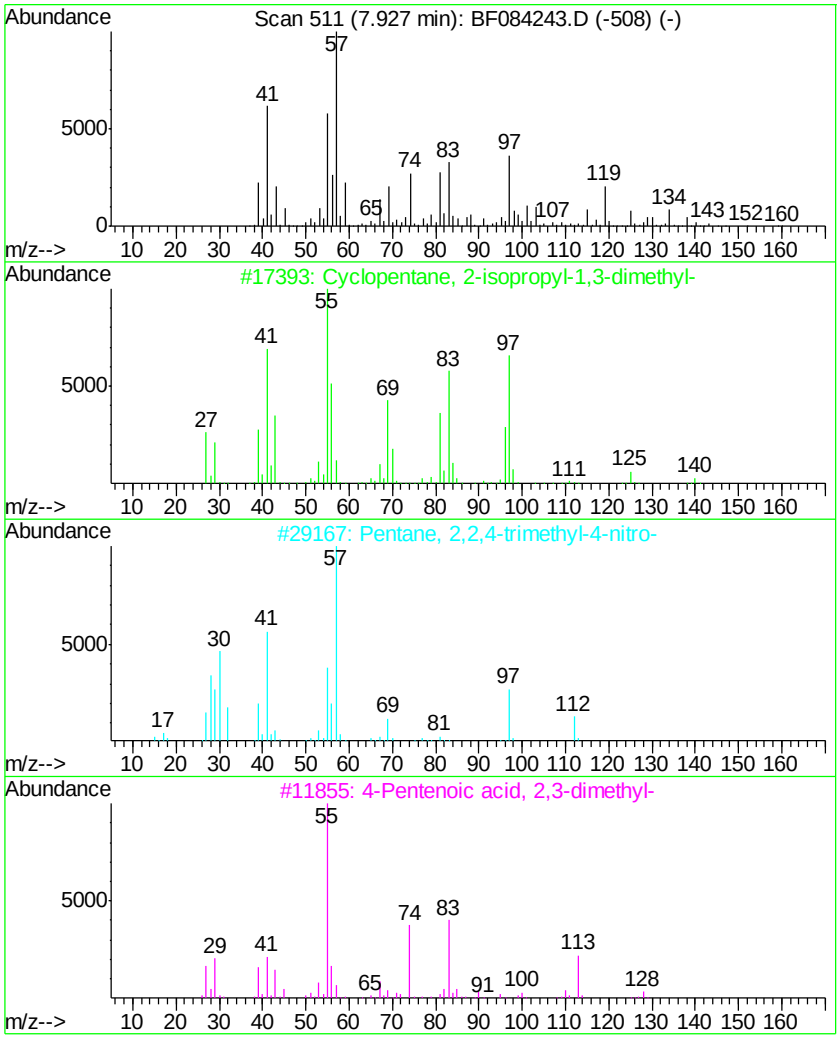
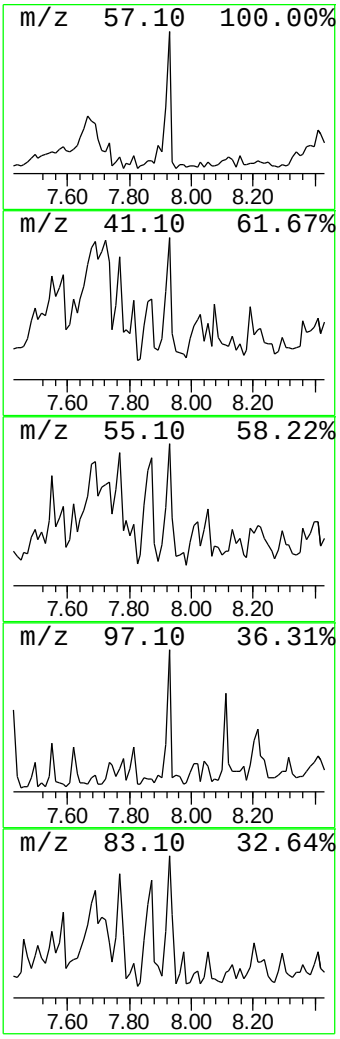
Peak Number 12 unknown7.93 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	14.27 ng	6666800	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	30
2	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	22
3	4-Pentenoic acid, 2,3-dimethyl-	128	C7H12O2	1000197-17-7	18
4	Cyclobutanecarboxylic acid, hept...	198	C12H22O2	1000280-40-4	14
5	2-ISOBUTOXYETHYL PROPIONATE	174	C9H18O3	1000234-06-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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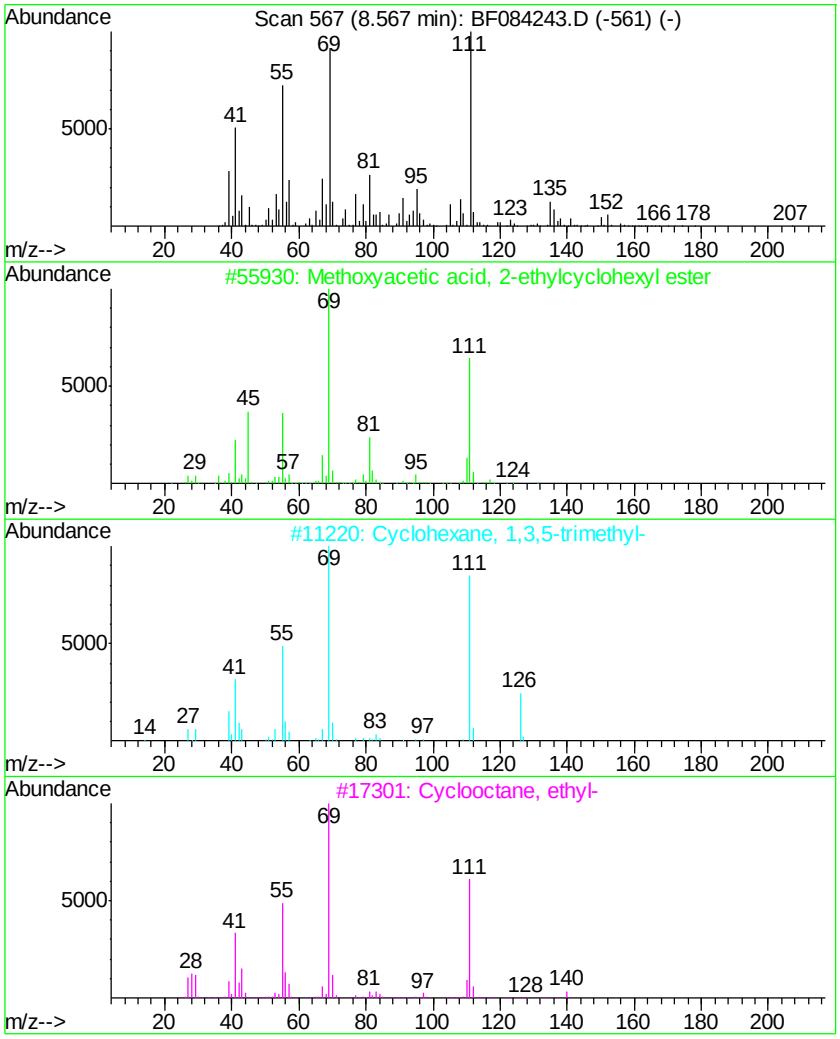
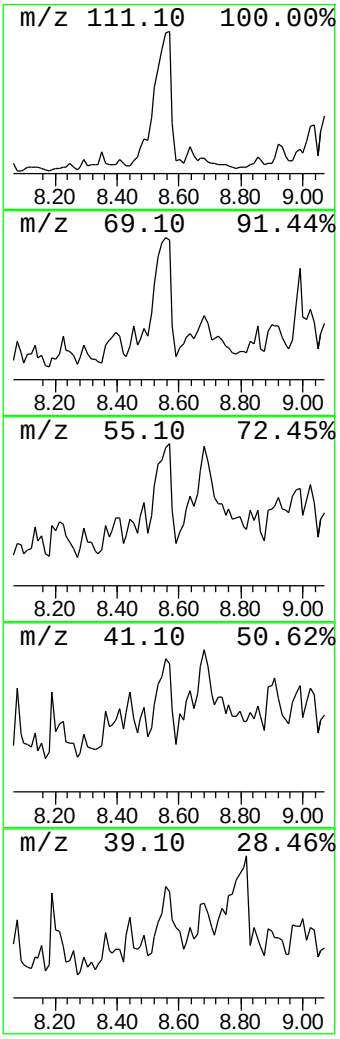
Peak Number 13 Methoxyacetic acid, 2-ethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	19.92 ng	9308180	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	53
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	53
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	53
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	50





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Sample : G4981-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : S8-0534

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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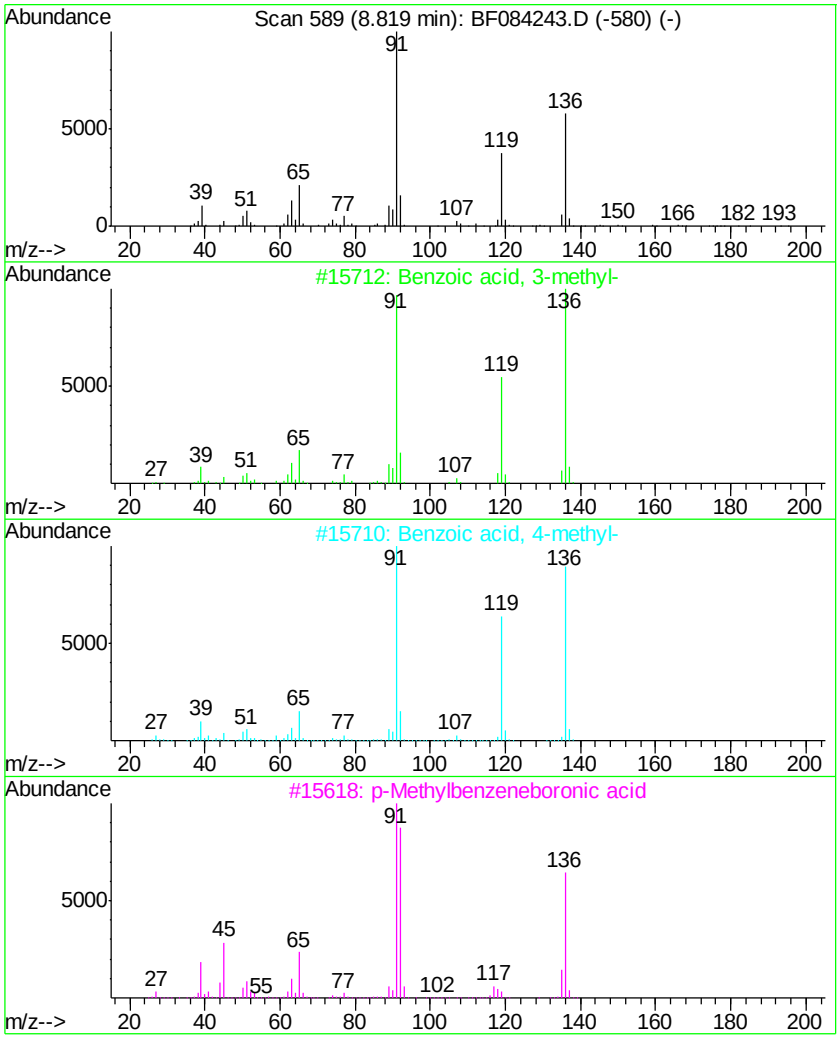
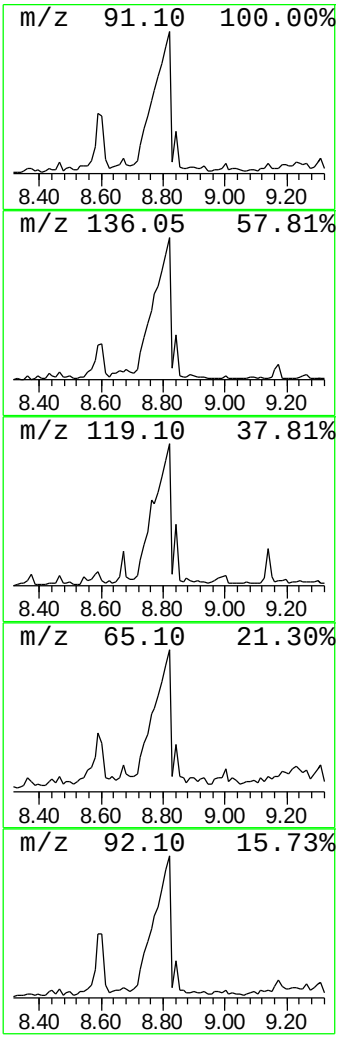
Peak Number 15 Benzoic acid, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	41.67 ng	19468500	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	95
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	91
3	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	53
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	52
5	Benzeneacetic acid	136	C8H8O2	000103-82-2	52





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Sample : G4981-07
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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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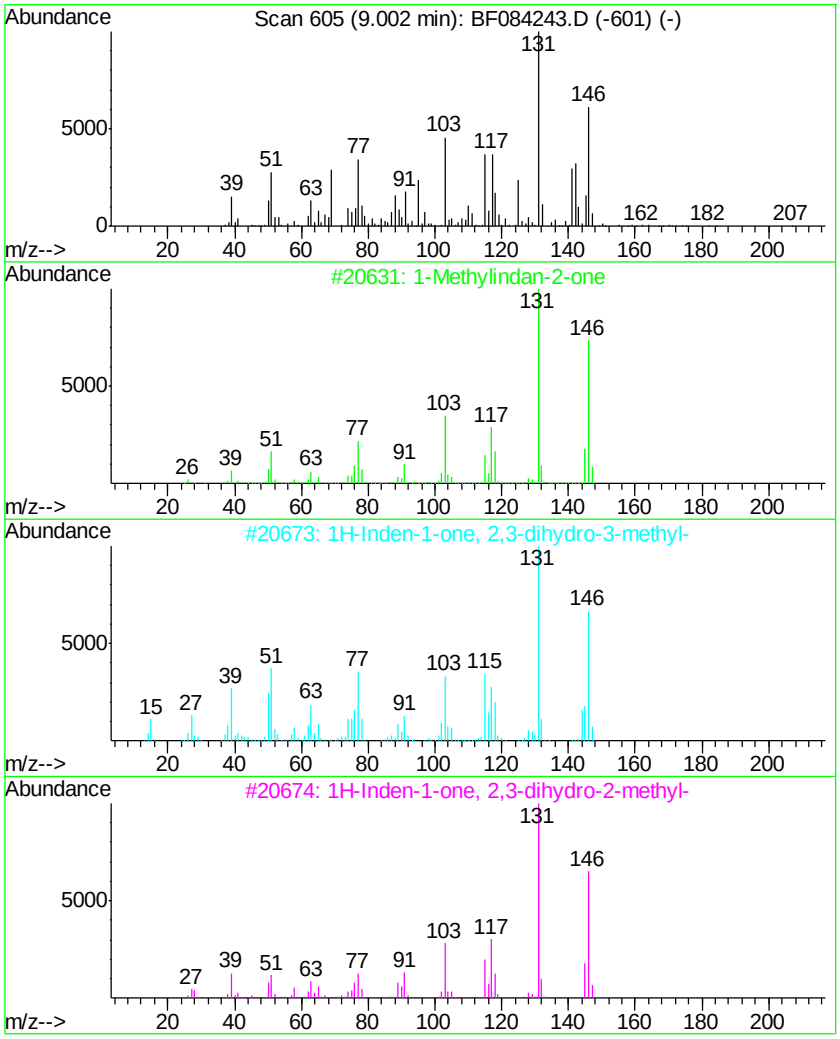
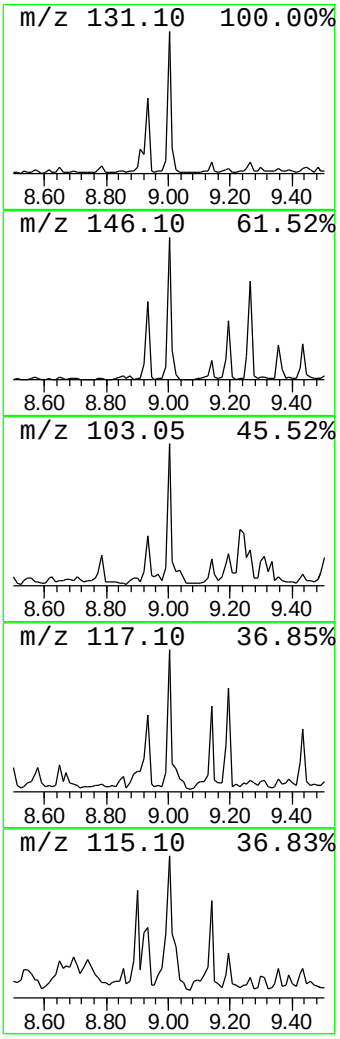
Peak Number 16 1-Methylindan-2-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	12.06 ng	5636050	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	64
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	64
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	60
4	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	43
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43





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Sample : G4981-07
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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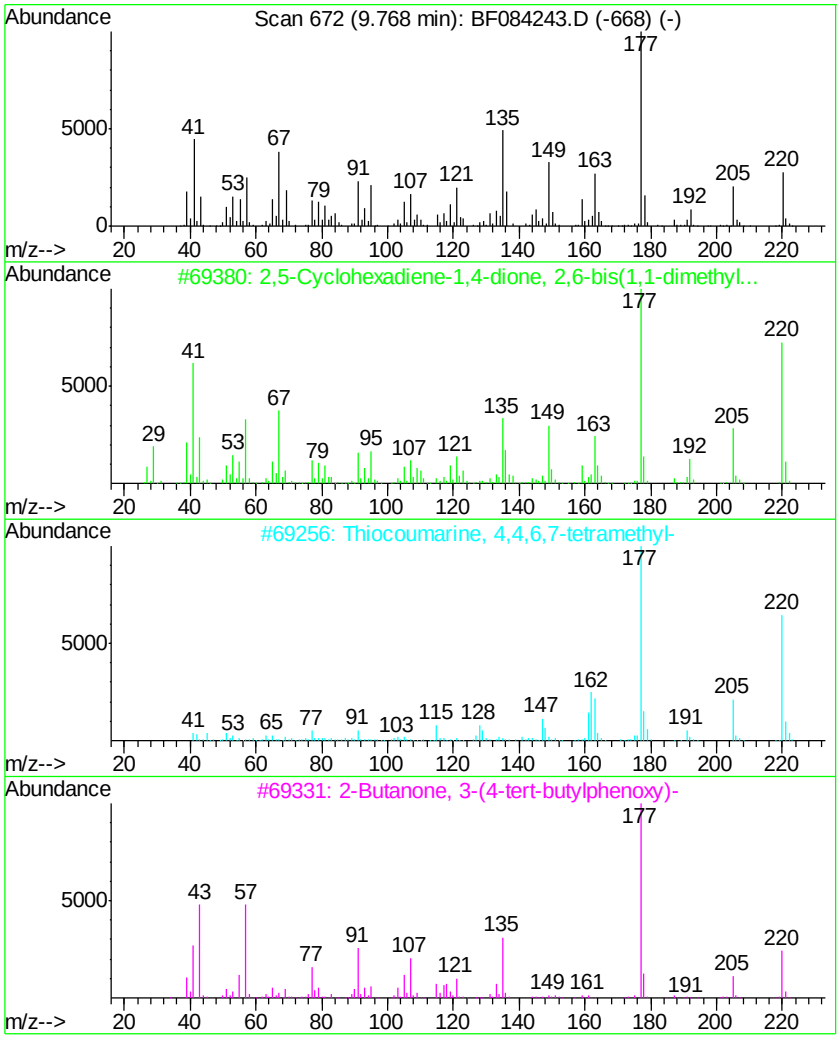
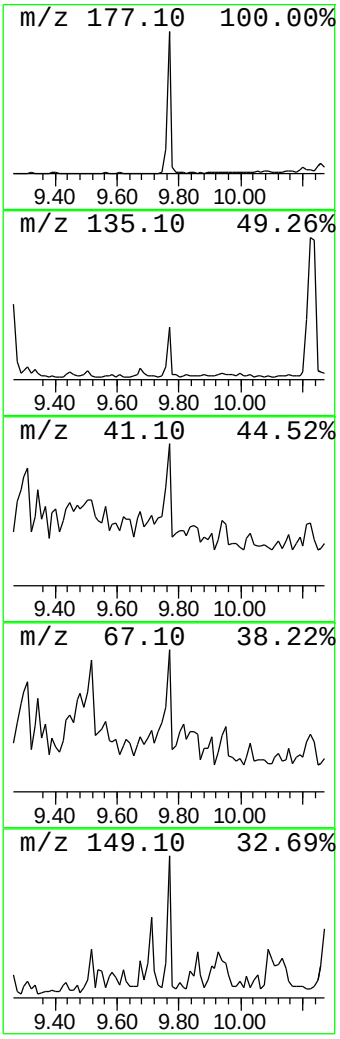
Peak Number 17 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	23.91 ng	7710190	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
2	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	49
3	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	45
4	2H-1-Benzopyran, 3,5,6,8a-tetrah...	192	C13H20O	041678-29-9	38
5	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	38





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Instrument : BNA_F
ClientSampleId : S8-0534

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

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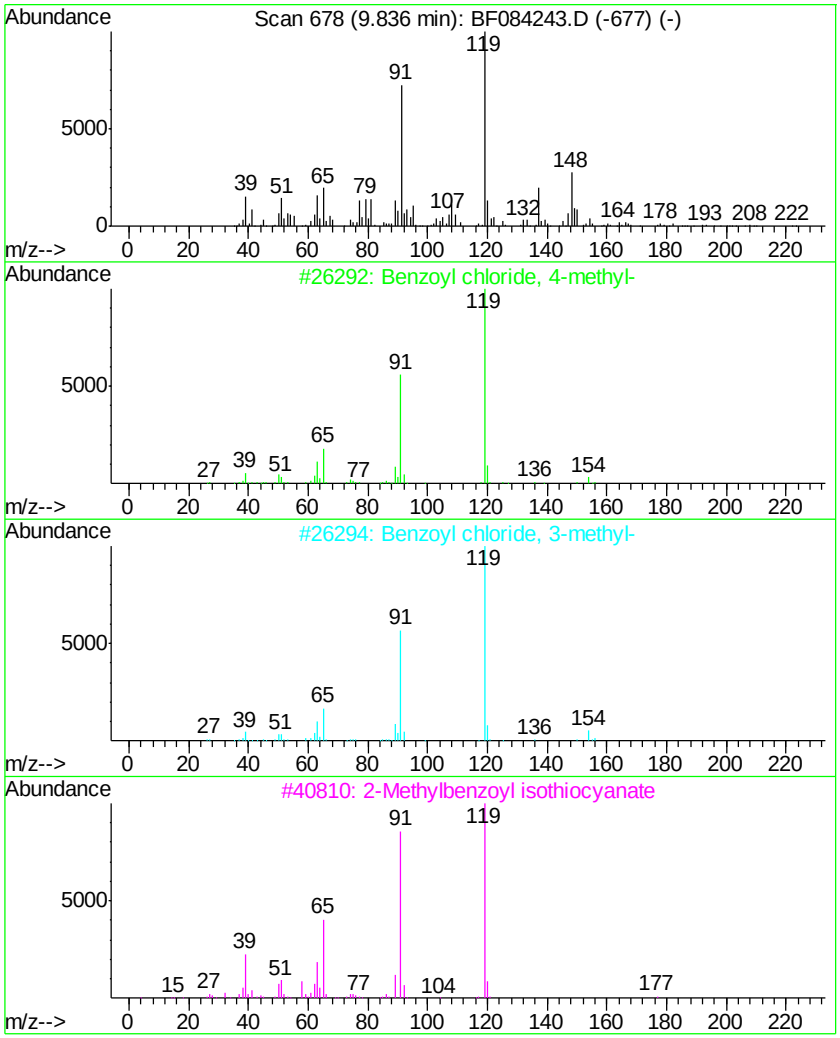
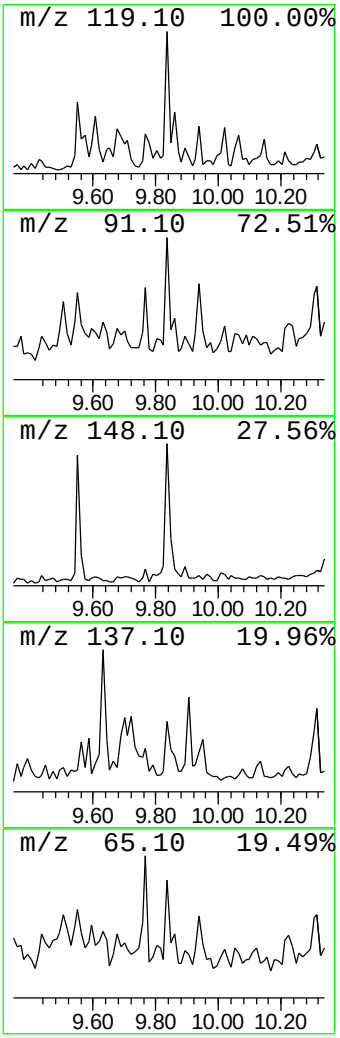
Peak Number 18 Benzoyl chloride, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	13.38 ng	4313660	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	92
2	Benzoyl chloride, 3-methyl-	154	C8H7ClO	001711-06-4	64
3	2-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-85-7	64
4	Benzoic acid, 4-methyl-, hydrazide	150	C8H10N2O	003619-22-5	60
5	Benzoyl chloride, 2-methyl-	154	C8H7ClO	000933-88-0	55





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Sample : G4981-07
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Instrument : BNA_F
ClientSampleId : S8-0534

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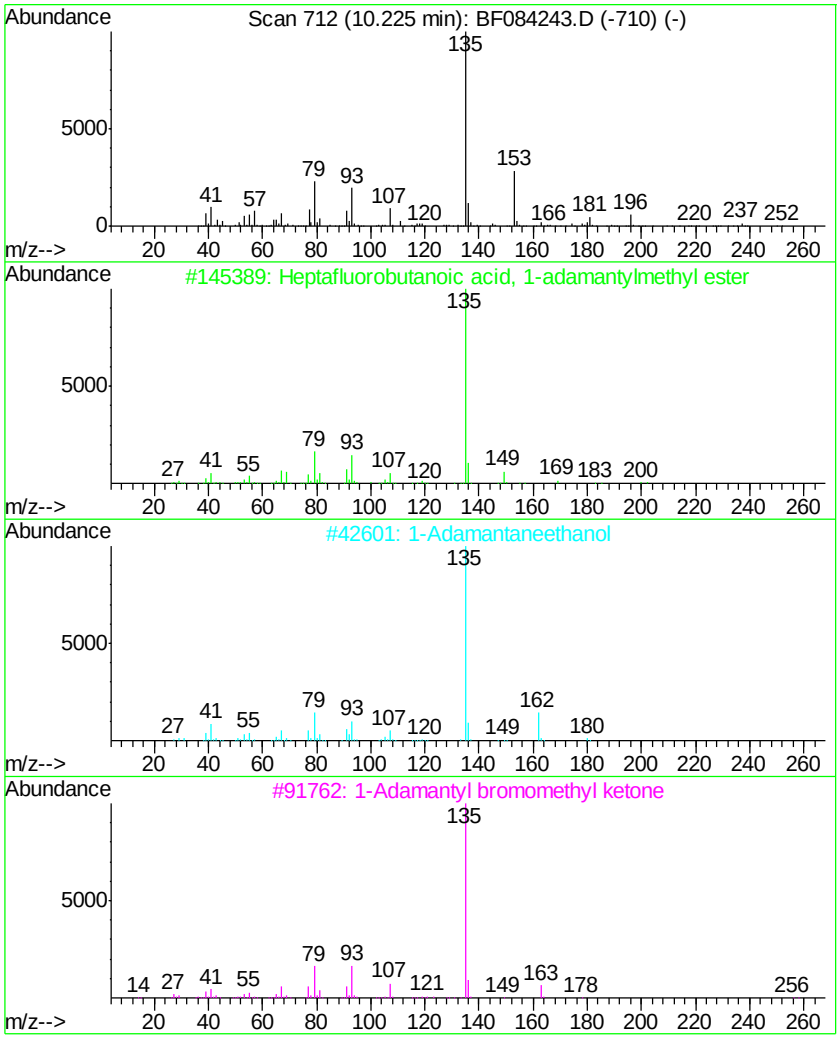
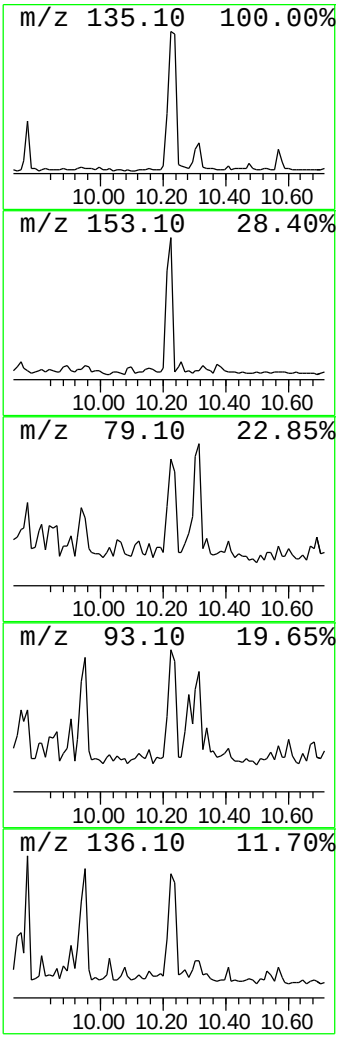
Peak Number 19 Heptafluorobutanoic acid, 1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	12.78 ng	4119550	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	72
2	1-Adamantaneethanol	180	C12H20O	006240-11-5	70
3	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	64
4	Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	64
5	1-Adamantanecarboxylic acid, tri...	362	C24H42O2	1000280-50-5	64





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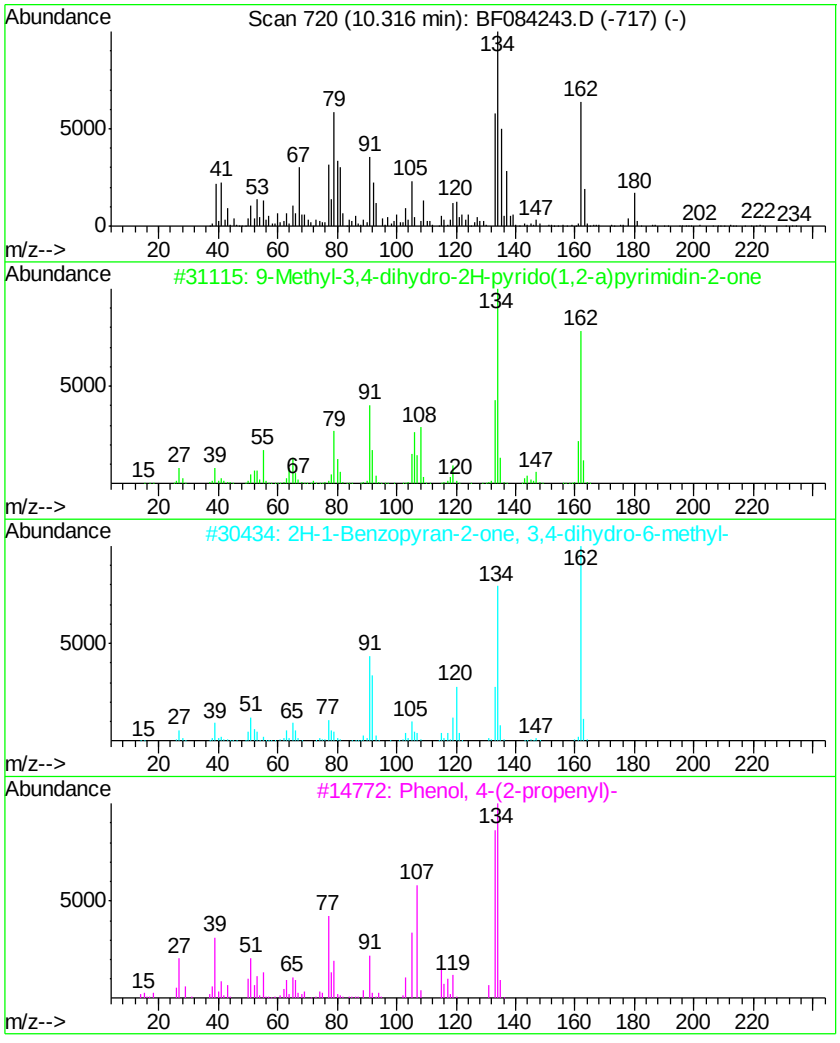
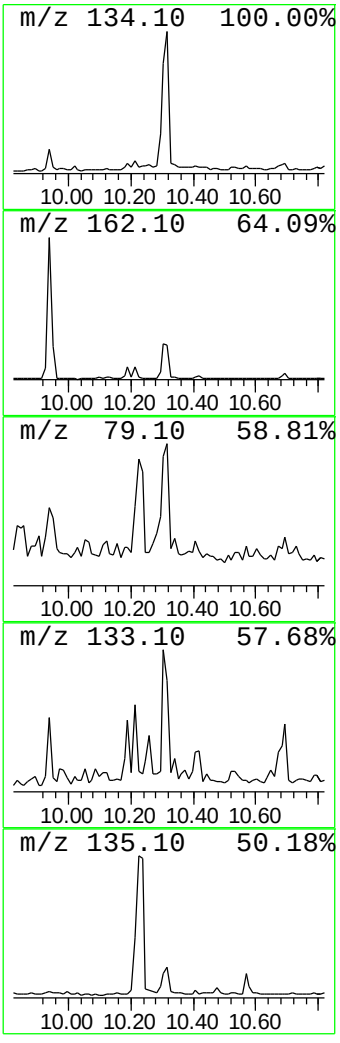
Peak Number 20 unknown10.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	19.91 ng	6419470	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-3,4-dihydro-2H-pyrido(1...	162	C9H10N2O	061751-44-8	43
2	2H-1-Benzopyran-2-one, 3,4-dihyd...	162	C10H10O2	000092-47-7	38
3	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	30
4	2,6-Diethylpyridine	135	C9H13N	000935-28-4	25
5	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	25





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Pentanone, 2,2-...	4.45	28.1	ng	6769380	1	6.90	4815850	20.0
Benzene, 1,3-dime...	5.73	36.3	ng	8745090	1	6.90	4815850	20.0
Benzene, 1-ethyl-...	6.42	20.9	ng	5024610	1	6.90	4815850	20.0
unknown6.67	6.67	26.4	ng	6350750	1	6.90	4815850	20.0
Benzene, 1,2,3-tr...	6.72	23.5	ng	5661410	1	6.90	4815850	20.0
Cyclopentane, 1-m...	7.23	14.3	ng	3452590	1	6.90	4815850	20.0
unknown7.69	7.69	26.8	ng	12526200	2	8.19	9344900	20.0
unknown7.93	7.93	14.3	ng	6666800	2	8.19	9344900	20.0
Methoxyacetic aci...	8.57	19.9	ng	9308180	2	8.19	9344900	20.0
Benzoic acid, 3-m...	8.82	41.7	ng	19468500	2	8.19	9344900	20.0
1-Methylindan-2-one	9.00	12.1	ng	5636050	2	8.19	9344900	20.0
2,5-Cyclohexadien...	9.77	23.9	ng	7710190	3	9.94	6448460	20.0
Benzoyl chloride,...	9.84	13.4	ng	4313660	3	9.94	6448460	20.0
Heptafluorobutano...	10.22	12.8	ng	4119550	3	9.94	6448460	20.0
unknown10.32	10.32	19.9	ng	6419470	3	9.94	6448460	20.0