LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

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-BF103015.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	6	7	10	rVB	91911	116237	1.27%	0.130%
2	3.790	147	149	156	rVB	77267	173845	1.90%	0.195%
3	3.904	156	159	162	rVB	80931	114900	1.25%	0.129%
4	4.316	178	195	199	rBV4	58684	287655	3.14%	0.322%
5	5.081	256	262	265	rBV	350626	526177	5.75%	0.589%
6	5.219	265	274	276	rVV3	128705	764842	8.35%	0.857%
7	5.287	278	280	281	rVV	191595	257729	2.81%	0.289%
8	5.367	281	287	292	rVV2	248052	732469	8.00%	0.820%
9	5.504	295	299	301	rVV2	2264795	2878349	31.43%	3.224%
10	5.619	304	309	310	rBV	52545	99741	1.09%	0.112%
11	5.687	314	315	317	rVV2	107681	160412	1.75%	0.180%
12	5.733	317	319	323	rVB3	359687	674989	7.37%	0.756%
13	5.859	327	330	335	rVB	83818	112664	1.23%	0.126%
14	6.213	357	361	365	rVB4	47273	141058	1.54%	0.158%
15	6.430	376	380	382	rBV2	157439	208580	2.28%	0.234%
16	6.522	384	388	391	rVB2	1734418	2757378	30.11%	3.088%
17	6.670	398	401	403	rBV	4058168	4287145	46.82%	4.802%
18	6.739	403	407	409	rVB2	276581	564300	6.16%	0.632%
19	6.830	413	415	419	rBV	173732	251203	2.74%	0.281%
20	6.899	419	421	423	rBV	1528063	1433460	15.65%	1.606%
21	6.944	423	425	426	rBV2	50487	93164	1.02%	0.104%
22	6.979	426	428	432	rBV	1121352	1544303	16.86%	1.730%
23	7.059	432	435	437	rVV	4979982	4985536	54.44%	5.584%
24	7.310	454	457	458	rBV	263083	341458	3.73%	0.382%
25	7.402	461	465	467	rBV3	84686	171608	1.87%	0.192%
26	7.470	467	471	473	rBV	4290840	5589093	61.03%	6.260%
27	7.619	476	484	486	rBV2	473612	1169655	12.77%	1.310%
28	7.653	486	487	490	rVB3	110970	141118	1.54%	0.158%
29	7.745	493	495	496	rVB	151214	180877	1.98%	0.203%
30	7.870	503	506	507	rBV2	58676	114731	1.25%	0.129%
31	7.939	507	512	513	rVV3	562070	1364358	14.90%	1.528%
32	7.985	513	516	518	rVV	704766	1765336	19.28%	1.977%
33	8.030	518	520	523	rVV2	145793	280359	3.06%	0.314%
34	8.122	525	528	532	rVB4	143988	322877	3.53%	0.362%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.190	532	534	535	rBV	2204347	1908530	20.84%	2.138%
36	8.213	535	536	539	rVB	388485	439064	4.79%	0.492%
37	8.316	542	545	546	rBV2	107400	229193	2.50%	0.257%
38	8.476	553	559	561	rBV2	890267	2466183	26.93%	2.762%
39	8.510	561	562	565	rVV	698319	660605	7.21%	0.740%
40	8.568	565	567	570	rVV3	259230	373174	4.08%	0.418%
41	8.625	570	572	574	rVV2	154930	193114	2.11%	0.216%
42	8.762	580	584	585	rBV2	134682	208912	2.28%	0.234%
43	8.853	589	592	593	rBV3	79947	122003	1.33%	0.137%
44	8.899	593	596	598	rVB	203877	303641	3.32%	0.340%
45	8.979	601	603	606	rVV2	189662	218750	2.39%	0.245%
46	9.059	608	610	614	rVV5	65098	172403	1.88%	0.193%
47	9.139	614	617	618	rVV3	272856	396589	4.33%	0.444%
48	9.162	618	619	623	rVB3	115873	169056	1.85%	0.189%
49	9.276	625	629	630	rVV	8847325	9157472	100.00%	10.257%
50	9.368	636	637	638	rVV	106460	128380	1.40%	0.144%
51	9.402	638	640	643	rVV	1532286	1502805	16.41%	1.683%
52	9.505	646	649	650	rBV2	60044	128755	1.41%	0.144%
53	9.539	650	652	657	rVV2	223675	430677	4.70%	0.482%
54	9.619	657	659	661	rVV	1548691	1470921	16.06%	1.648%
55	9.665	661	663	665	rVV2	438947	511830	5.59%	0.573%
56	9.710	665	667	670	rVV	575809	648508	7.08%	0.726%
57	9.768	670	672	675	rVV2	256342	378386	4.13%	0.424%
58	9.870	678	681	682	rVV2	480109	719237	7.85%	0.806%
59	9.950	685	688	690	rVV	2219432	2211542	24.15%	2.477%
60	10.076	697	699	701	rVB3	71699	100630	1.10%	0.113%
61	10.156	703	706	708	rVV2	273748	365016	3.99%	0.409%
62	10.213	710	711	714	rVB	215827	280762	3.07%	0.314%
63	10.602	742	745	747	rVV4	242463	398571	4.35%	0.446%
64	10.693	750	753	755	rVV2	444294	776854	8.48%	0.870%
65	10.739	755	757	759	rVV	2574982	3529306	38.54%	3.953%
66	10.785	759	761	762	rVB	199274	252284	2.75%	0.283%
67	10.831	763	765	766	rVV	201940	169511	1.85%	0.190%
68	10.865	766	768	771	rVB2	217950	246972	2.70%	0.277%
69	11.036	780	783	784	rBV2	190033	280645	3.06%	0.314%
70	11.093	784	788	791	rBV6	108018	293569	3.21%	0.329%
71	11.162	792	794	795	rVB	331845	270913	2.96%	0.303%

LSC Area Percent Report

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Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.311	804	807	809	rBV	2367253	2291739	25.03%	2.567%
73	11.368	811	812	814	rVV	796069	616738	6.73%	0.691%
74	11.436	815	818	820	rBV	1699946	2077419	22.69%	2.327%
75	11.493	820	823	826	rVV5	43662	94767	1.03%	0.106%
76	11.745	843	845	846	rVB	122247	117123	1.28%	0.131%
77	11.814	849	851	856	rVB5	171331	387640	4.23%	0.434%
78	11.974	863	865	867	rBV	1060126	1031906	11.27%	1.156%
79	12.031	869	870	874	rVB2	202695	215112	2.35%	0.241%
80	12.122	877	878	879	rBV	120362	164855	1.80%	0.185%
81	12.396	899	902	903	rBV2	194595	275744	3.01%	0.309%
82	12.682	922	927	929	rBV5	223644	593291	6.48%	0.665%
83	12.716	929	930	932	rVB	353914	295476	3.23%	0.331%
84	12.762	932	934	936	rBV	1064988	1116269	12.19%	1.250%
85	12.854	941	942	944	rVB	149286	107710	1.18%	0.121%
86	12.899	944	946	948	rBV2	594542	714293	7.80%	0.800%
87	13.025	955	957	959	rBV	5947859	5555560	60.67%	6.223%
88	13.391	987	989	991	rBV	234664	430527	4.70%	0.482%
89	13.574	1002	1005	1006	rBV2	229995	389417	4.25%	0.436%
90	13.882	1029	1032	1034	rVB	1049457	1009598	11.02%	1.131%
91	13.939	1034	1037	1042	rVB3	456364	990022	10.81%	1.109%
92	14.077	1046	1049	1050	rVB	1633162	1794527	19.60%	2.010%
93	14.362	1072	1074	1078	rBV2	267998	452385	4.94%	0.507%
94	14.671	1099	1101	1105	rVB	265361	445360	4.86%	0.499%
95	15.540	1174	1177	1179	rVB	739520	1020994	11.15%	1.144%
96	16.260	1238	1240	1247	rVB5	140752	370216	4.04%	0.415%

Sum of corrected areas: 89281057

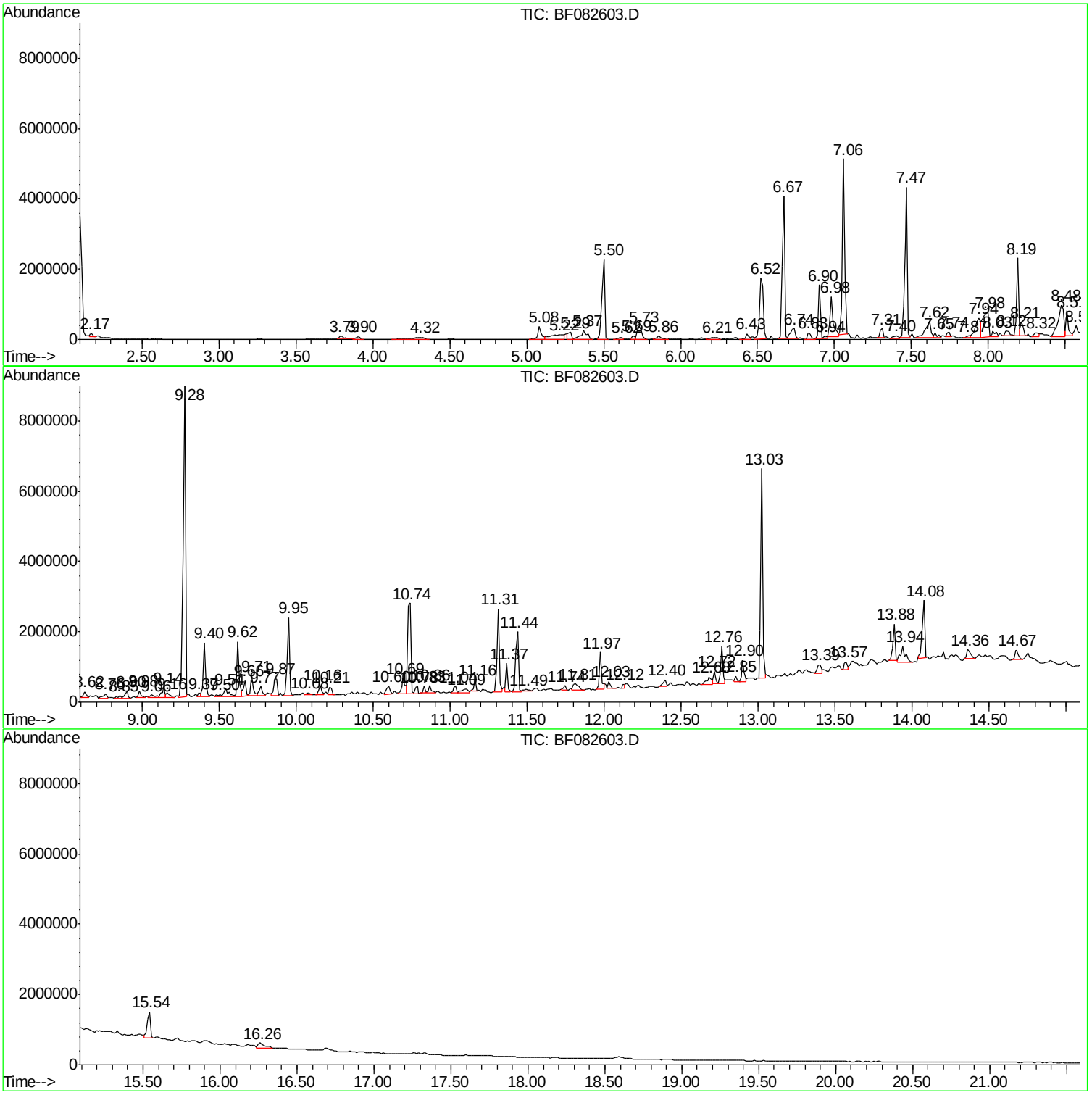
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

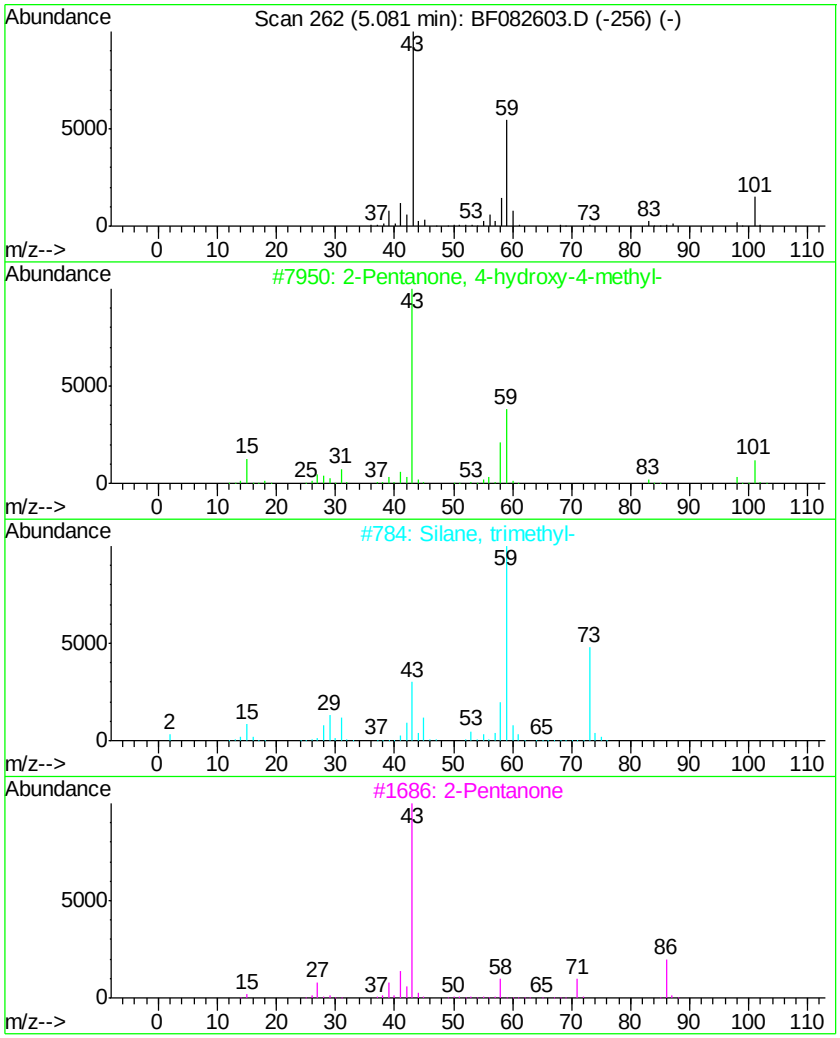
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

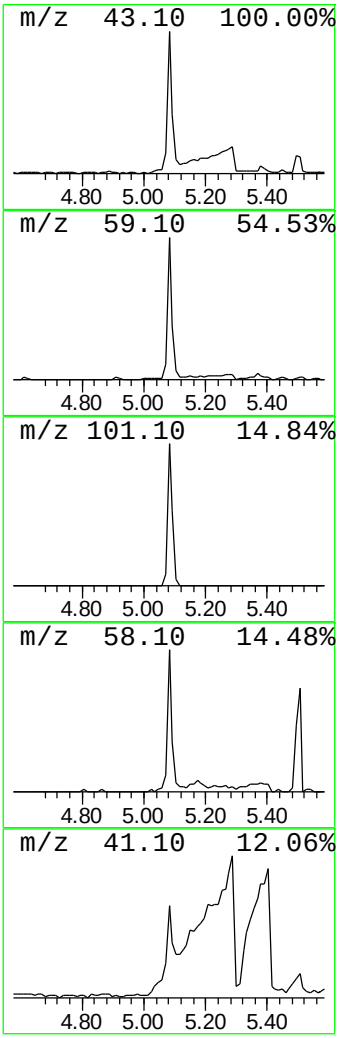
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.34 ng	526177	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	37
3	2-Pentanone	86	C5H10O	000107-87-9	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

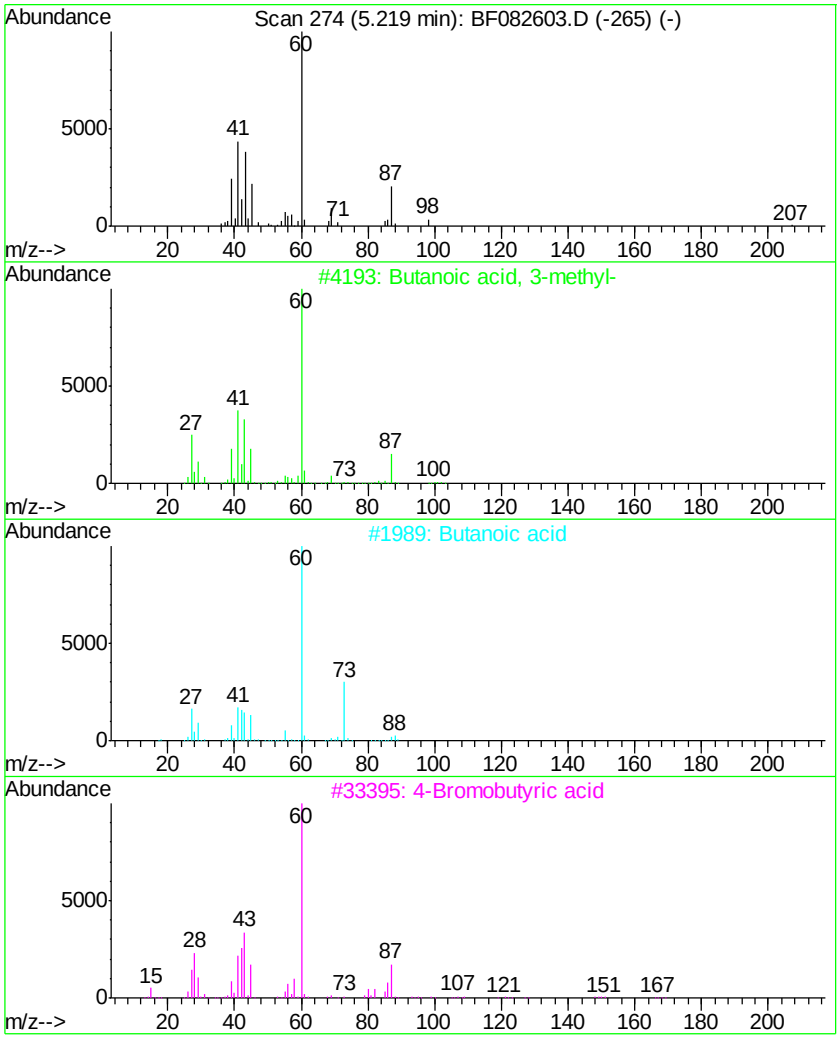
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

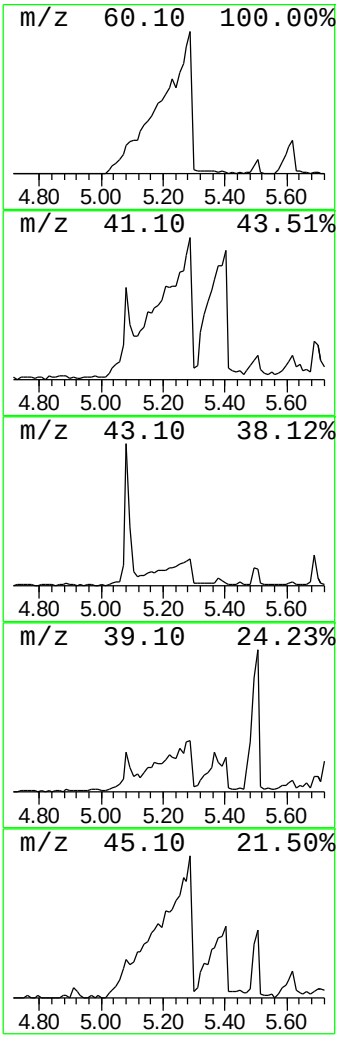
****

Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	10.67 ng	764842	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
2	Butanoic acid	88	C4H8O2	000107-92-6	50
3	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	39
4	Heptanoic acid	130	C7H14O2	000111-14-8	39
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

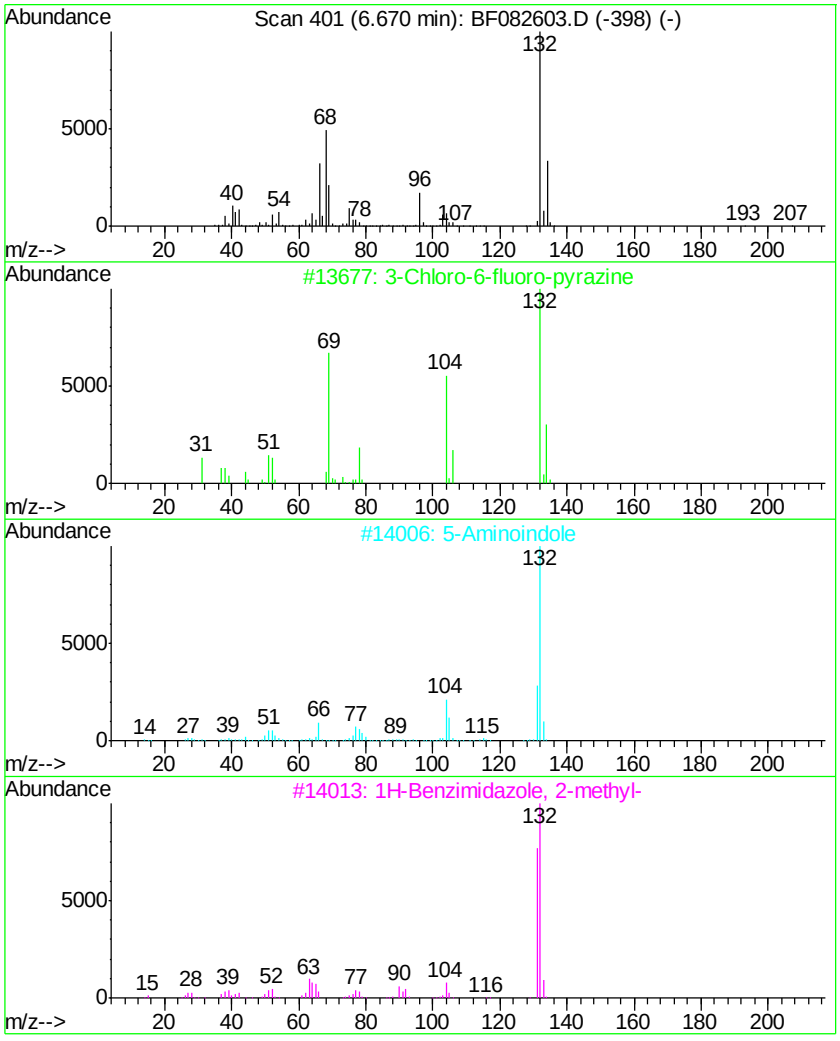
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

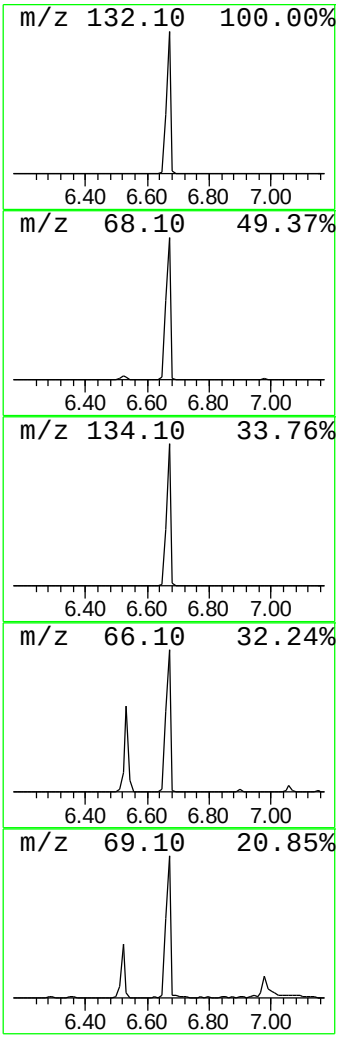
****

Peak Number 5 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	59.82 ng	4287150	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	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

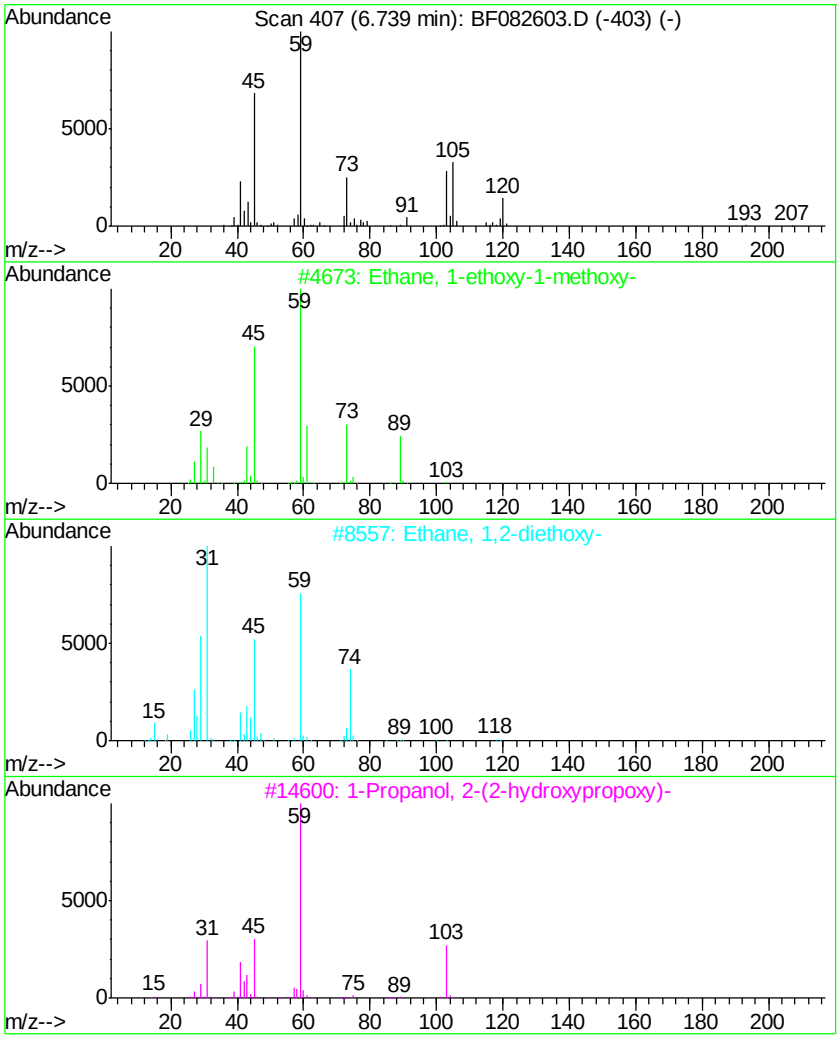
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

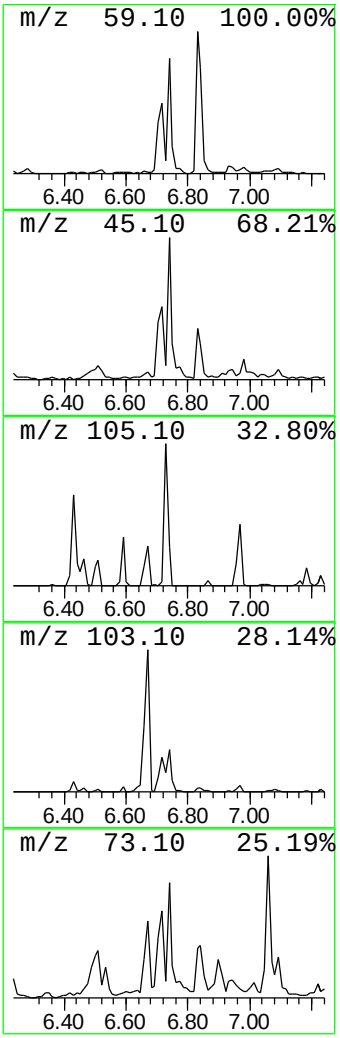
****

Peak Number 6 Ethane, 1-ethoxy-1-methoxy- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	7.87 ng	564300	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	53
2	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	47
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

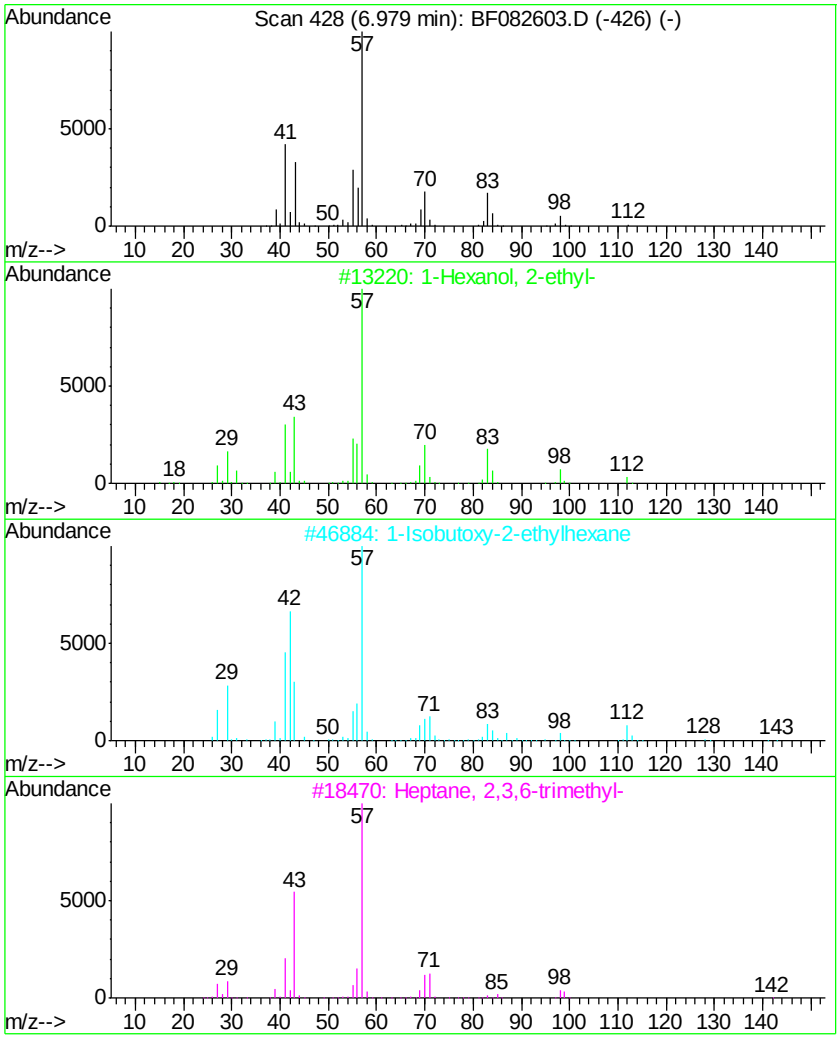
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

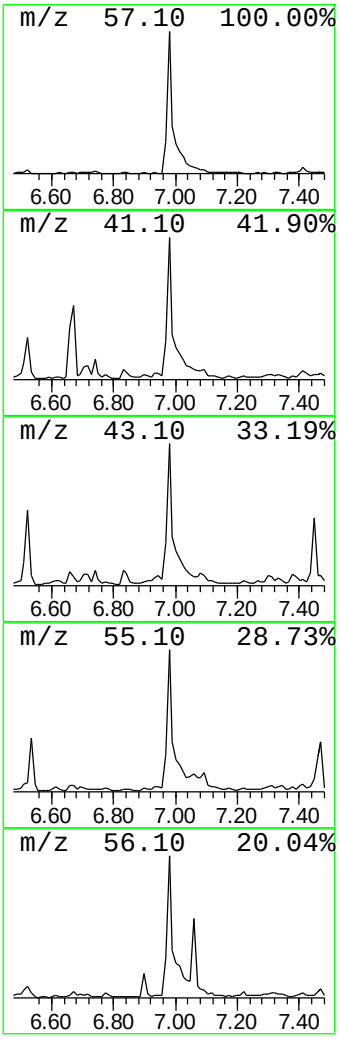
****

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	21.55 ng	1544300	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082603.D
Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

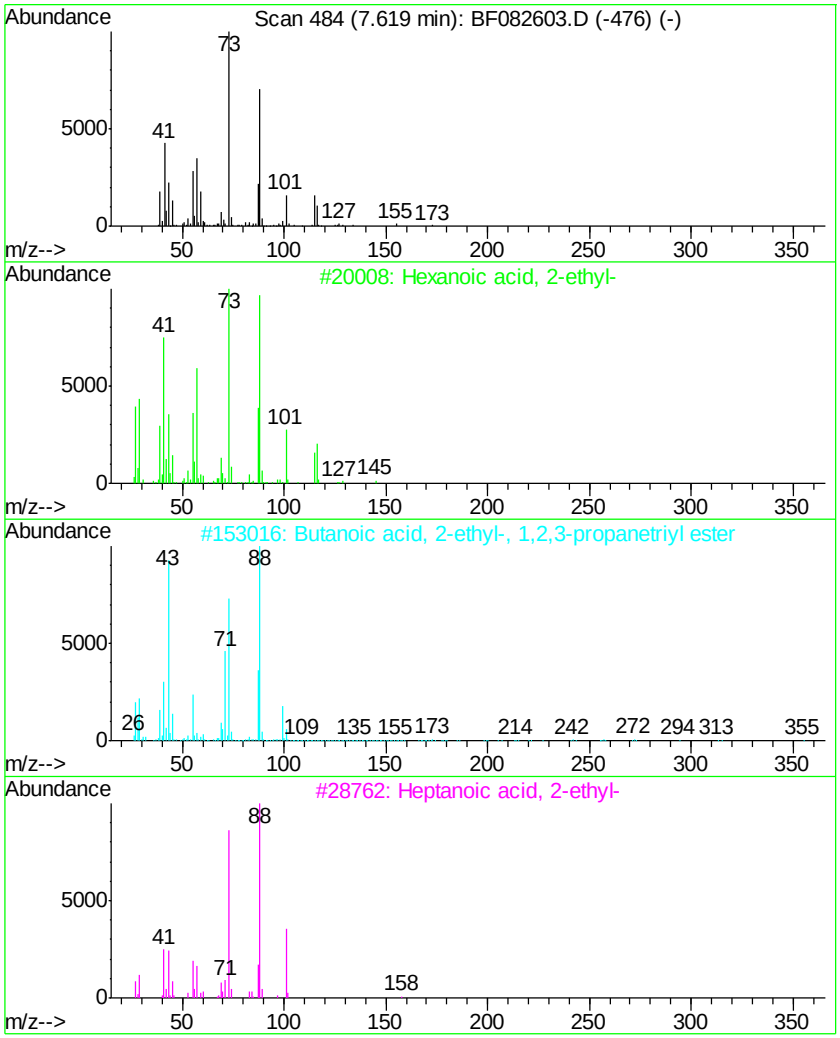
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

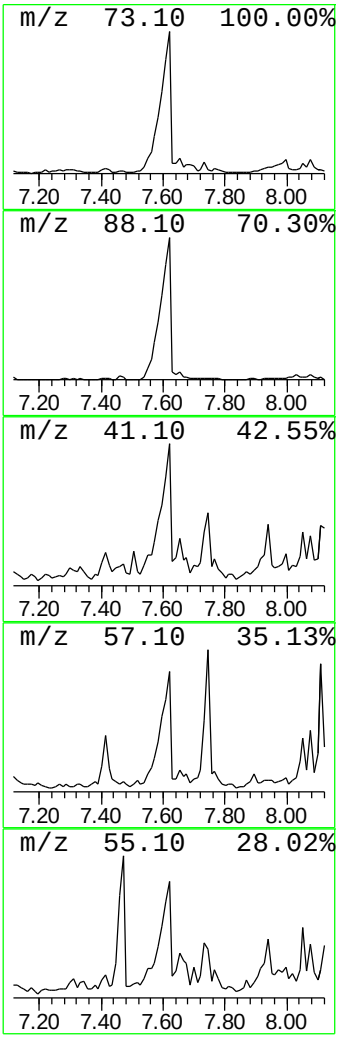
****

Peak Number 9 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	12.26 ng	1169660	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38
4	Undecanoic acid, 2-methyl-, meth...	214	C13H26O2	055955-69-6	38
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	37





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Acq On : 31 Oct 2015 6:23
Operator : UM/IZ
Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

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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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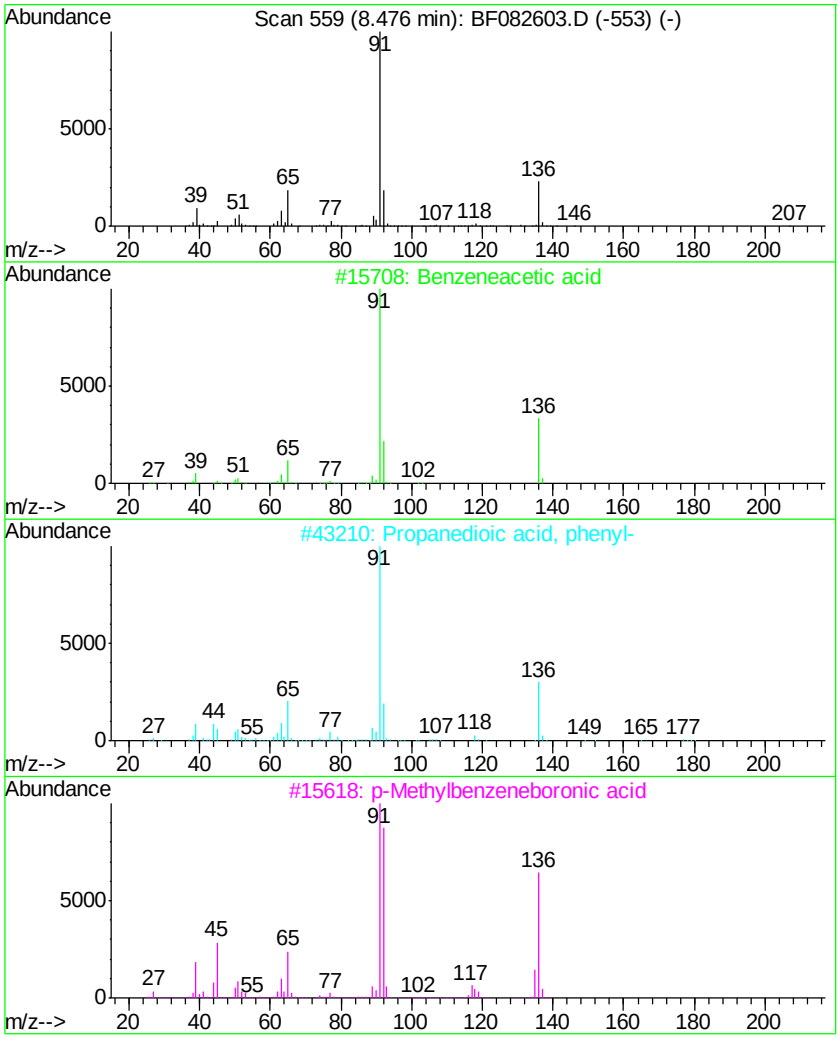
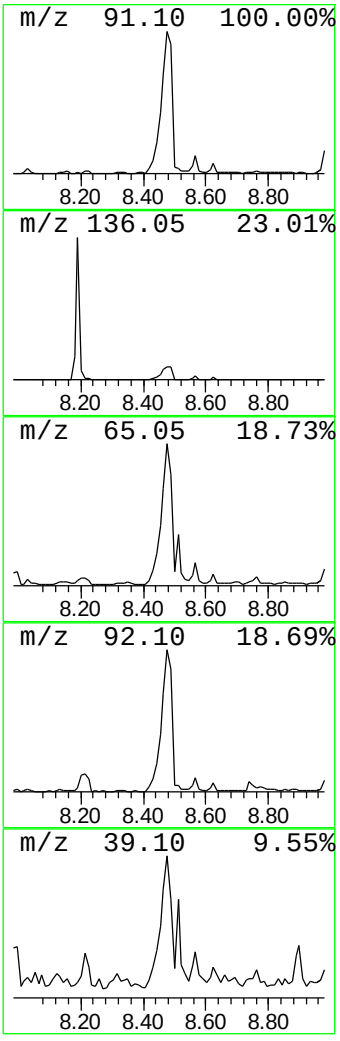
Peak Number 11 Benzeneacetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	25.84 ng	2466180	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	90
2	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	90
3	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	59
4	3-Thiazolidinecarboxylic acid, 4...	353	C17H23NO5S	126990-62-3	47
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47





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Sample : G4177-02
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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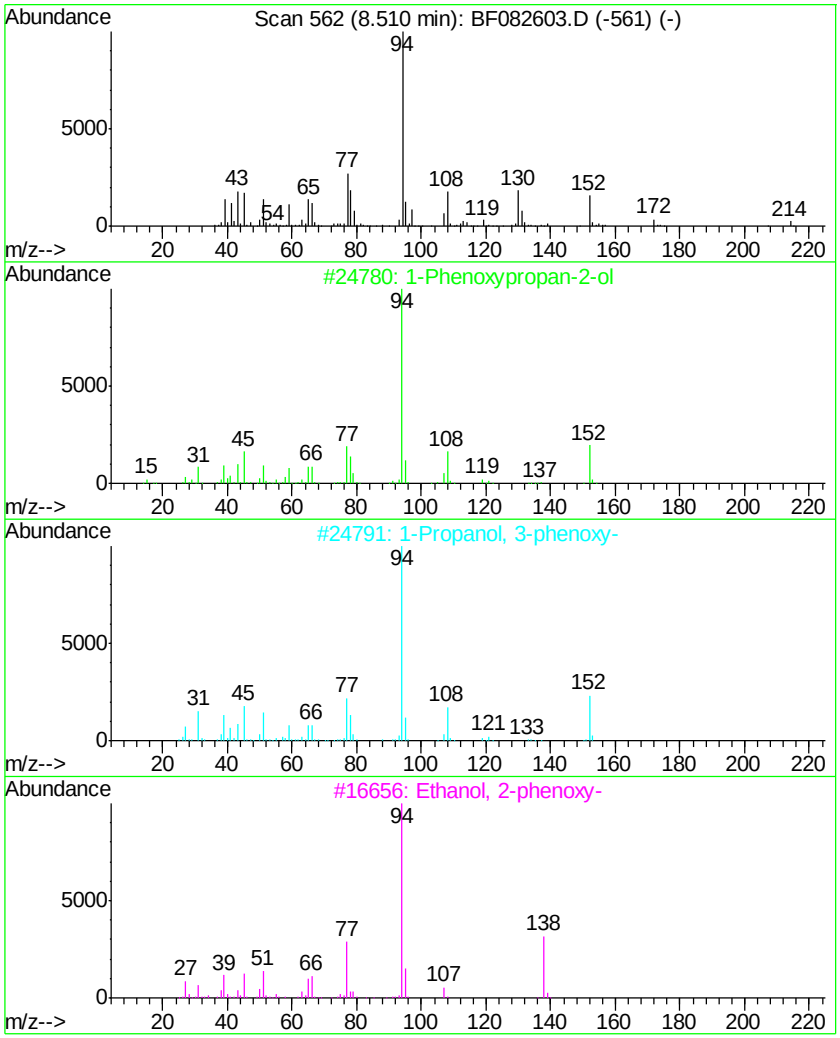
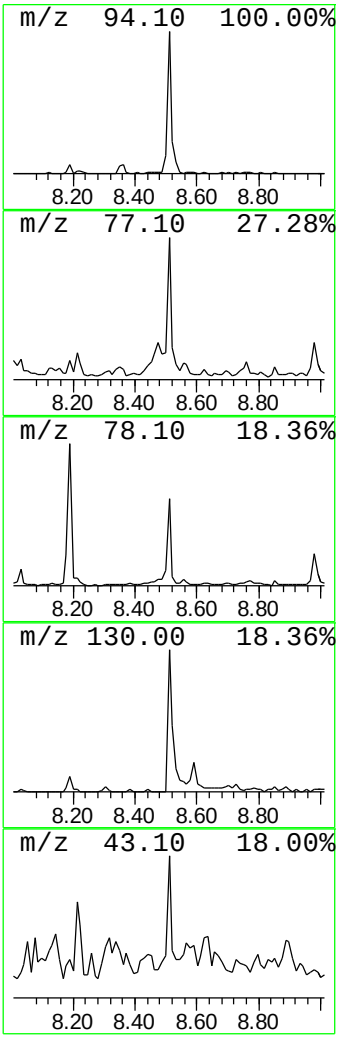
Peak Number 12 1-Phenoxypropan-2-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	6.92 ng	660605	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	53
4	Pentanenitrile, 5-phenoxy-	175	C11H13NO	016728-56-6	50
5	tert-Butyl phenyl carbonate	194	C11H14O3	006627-89-0	50





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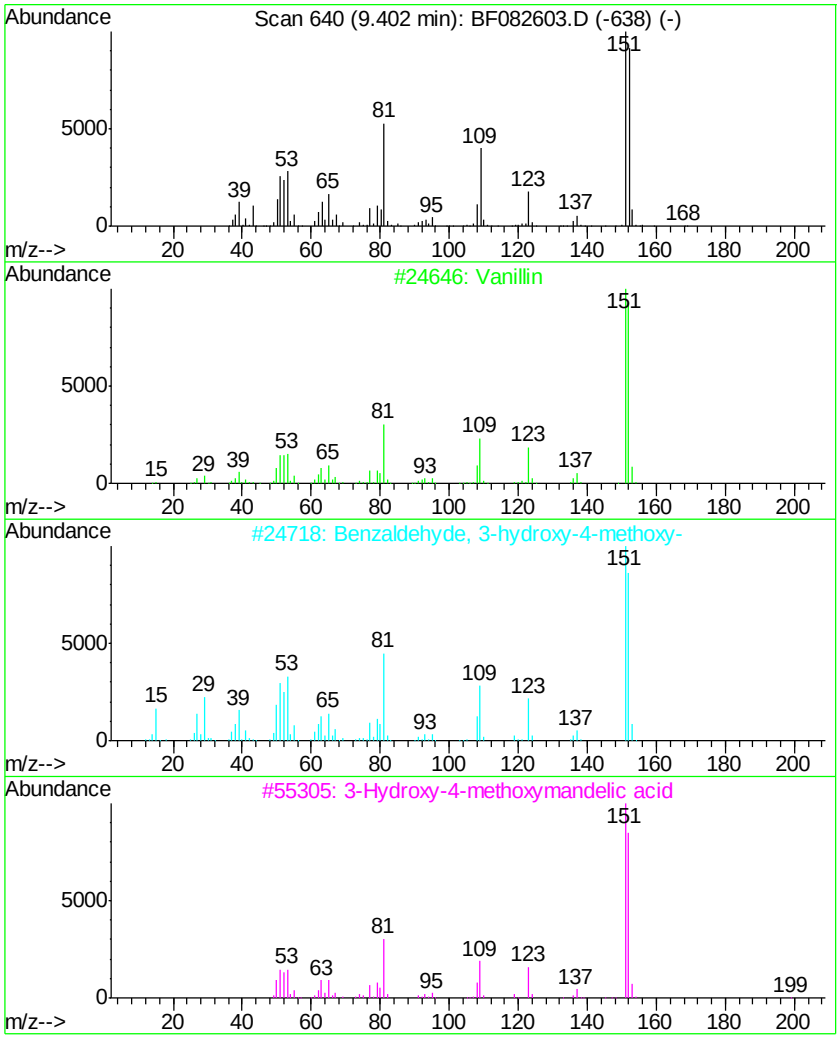
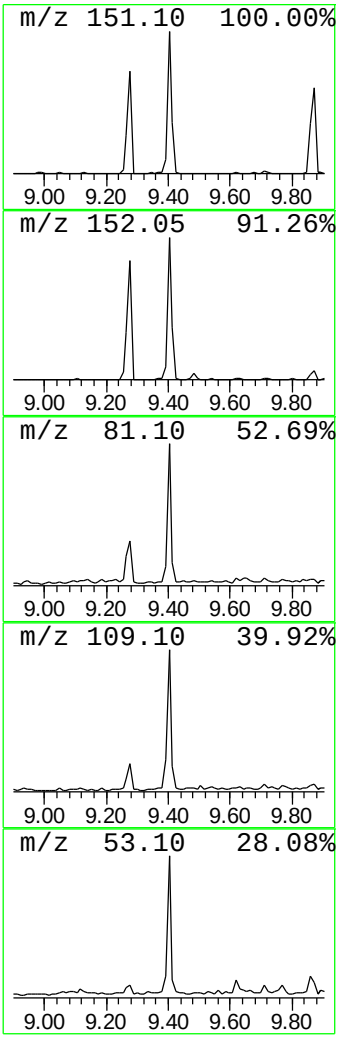
Peak Number 13 Vanillin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	13.59 ng	1502810	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	93
3	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	52
4	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	49
5	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	49





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ClientSampleId : TEC-12

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

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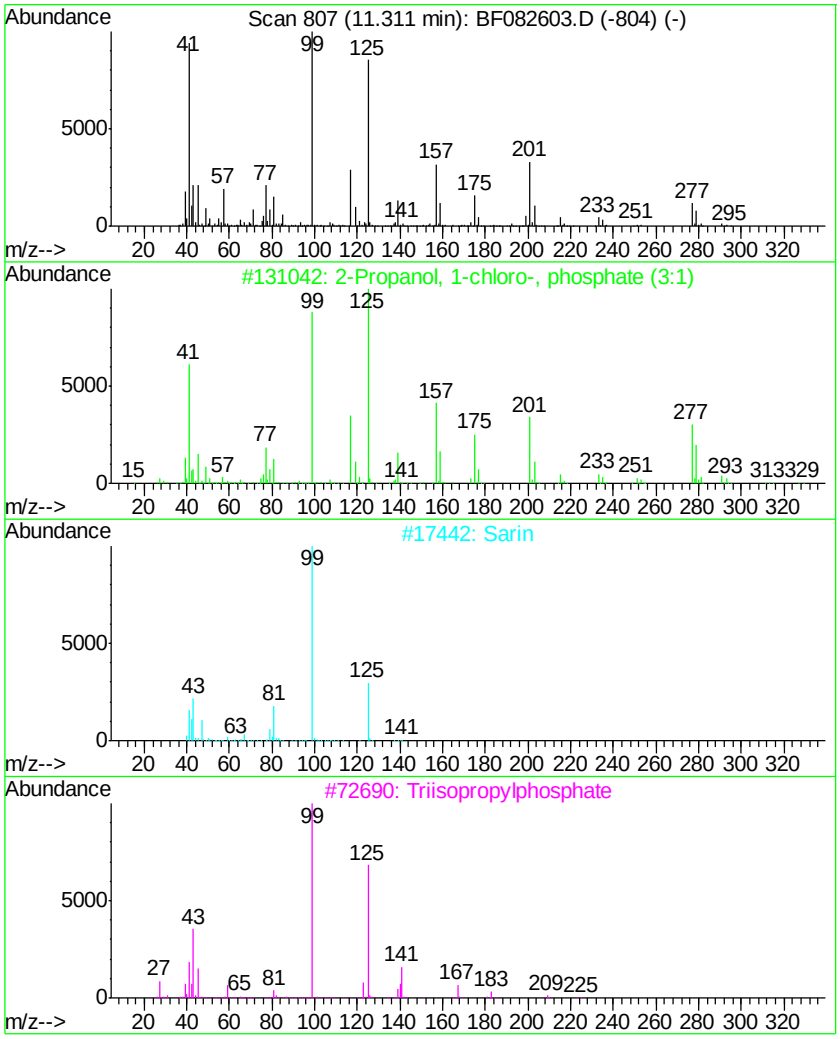
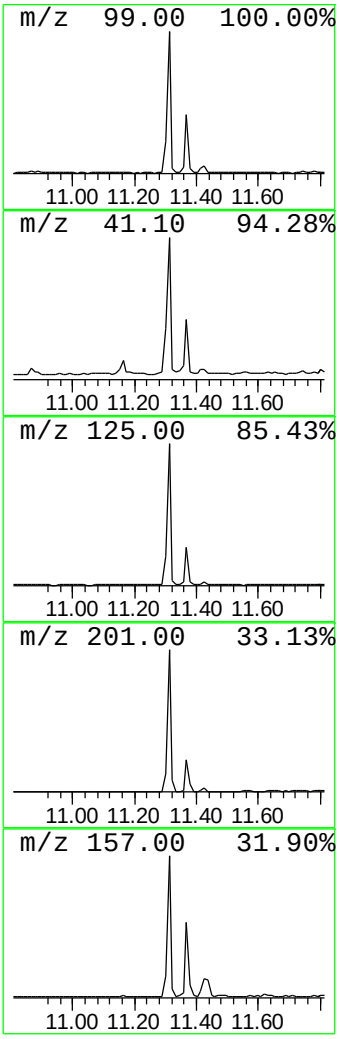
Peak Number 14 2-Propanol, 1-chloro-, phos... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	22.06 ng	2291740	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	81
2	Sarin	140	C4H10FO2P	000107-44-8	38
3	Triisopropylphosphate	224	C9H21O4P	000513-02-0	38
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	37
5	4-Methyl-2-pentyl methylphosphon...	182	C7H16FO2P	000352-53-4	28





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ALS Vial : 21 Sample Multiplier: 1

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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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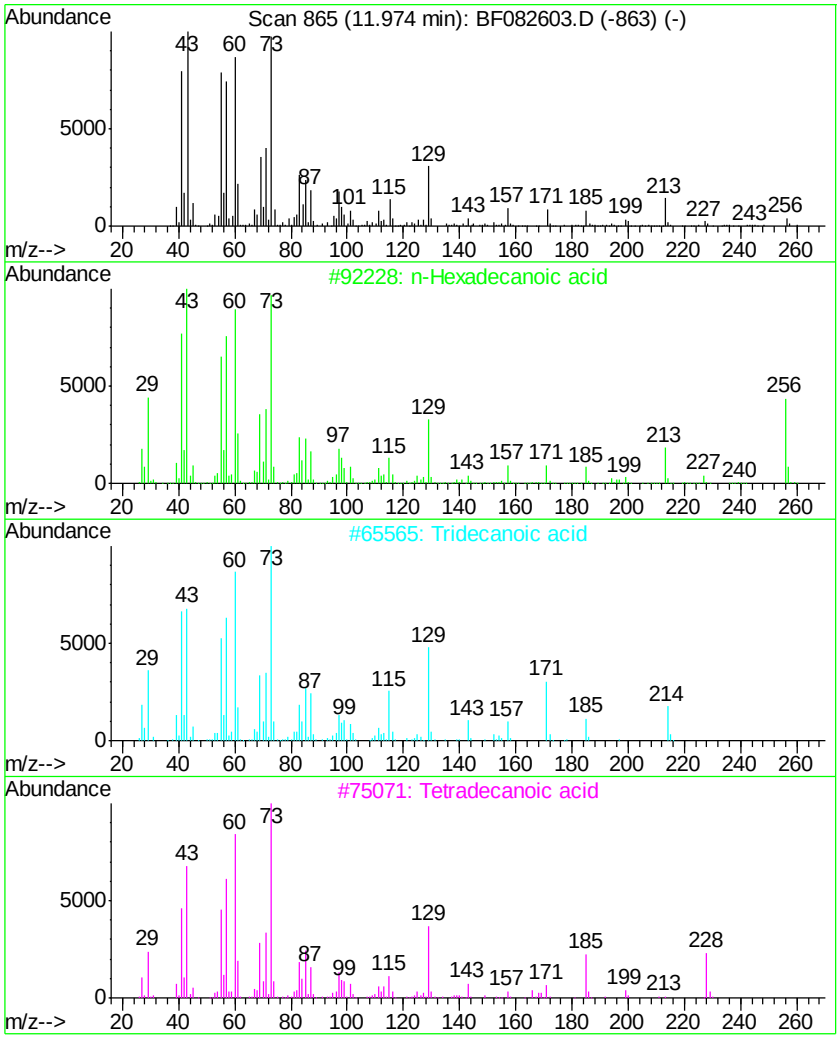
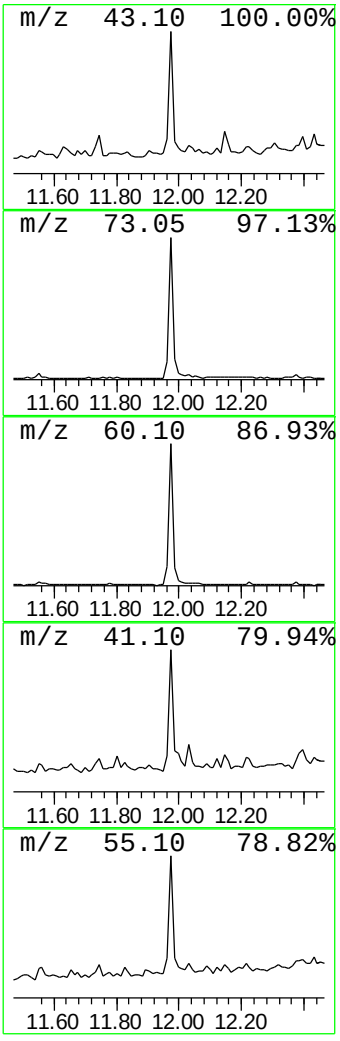
Peak Number 15 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.93 ng	1031910	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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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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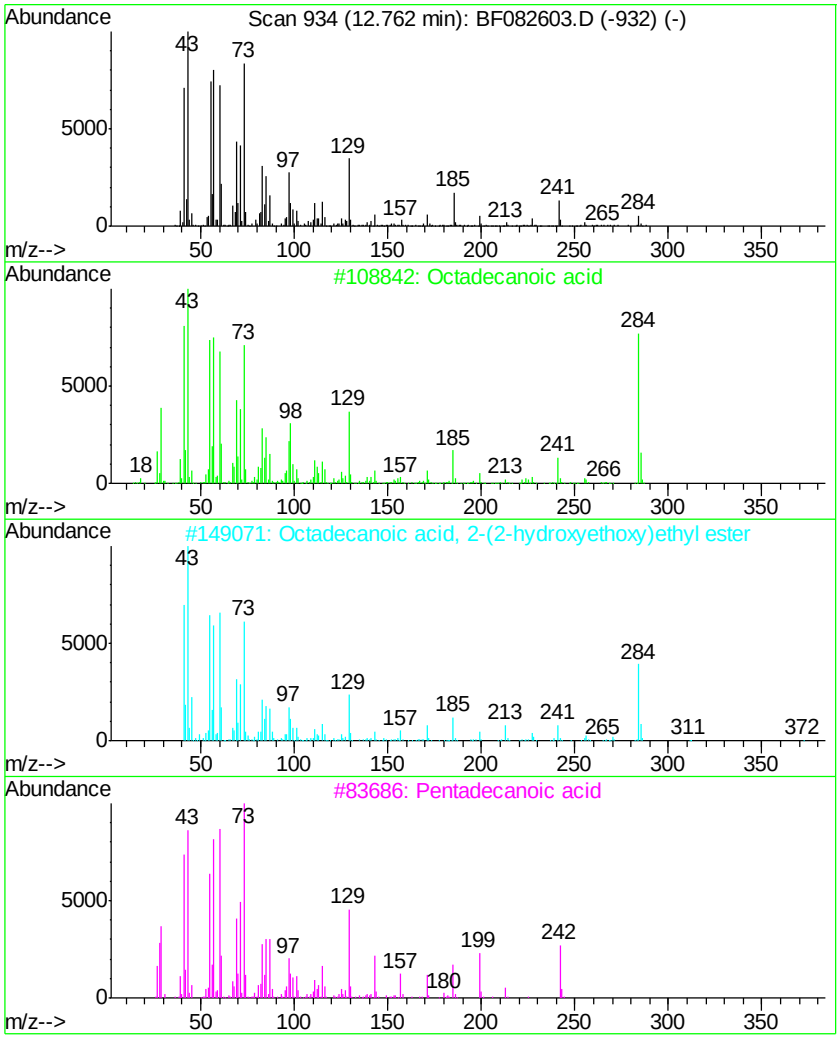
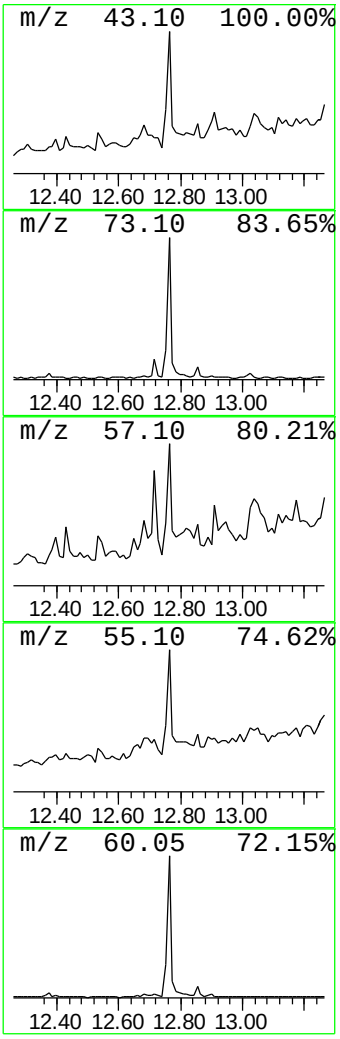
Peak Number 16 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	12.44 ng	1116270	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Sample : G4177-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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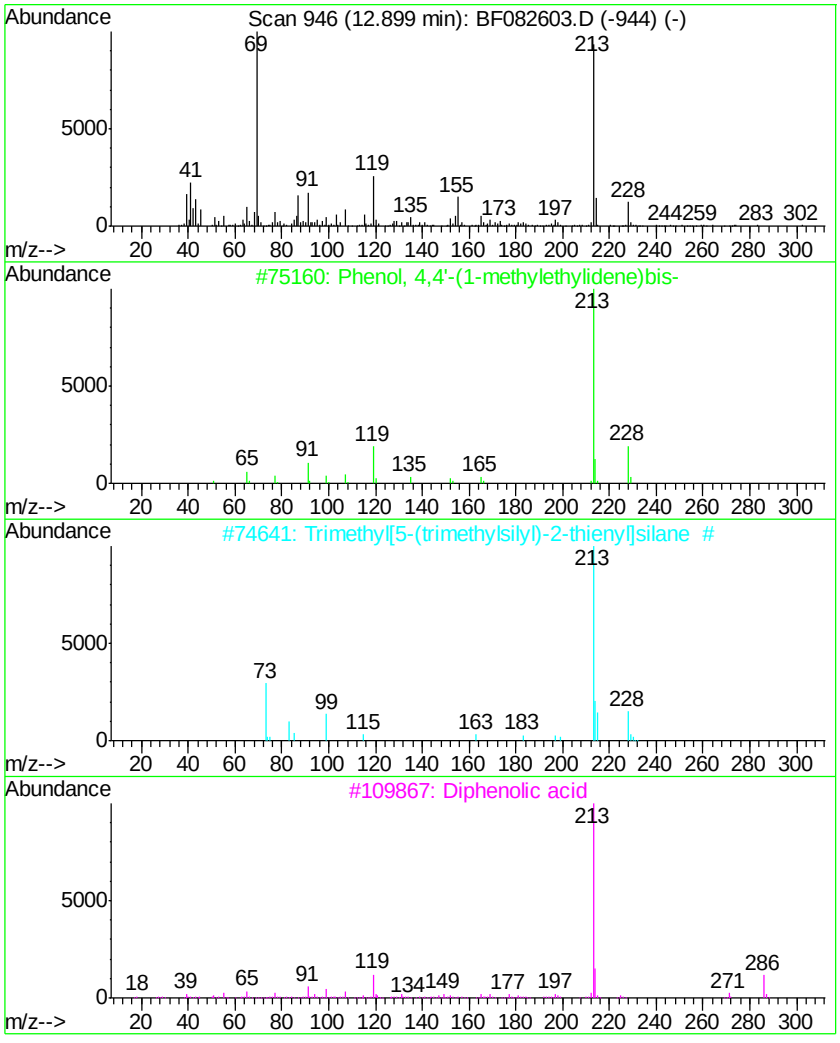
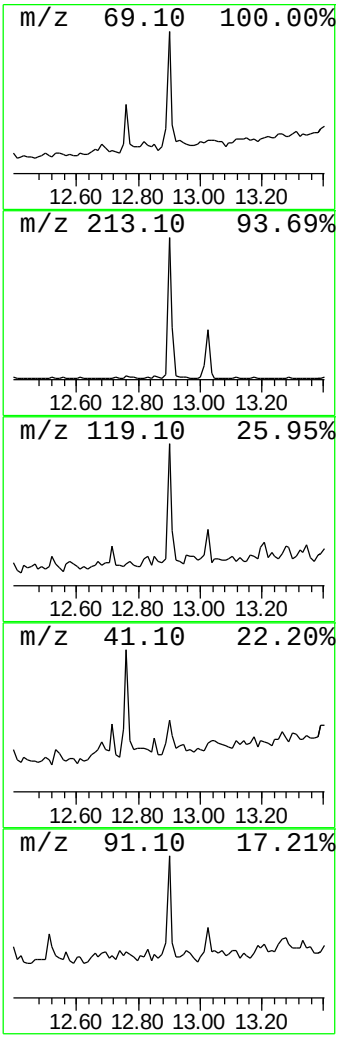
Peak Number 17 Phenol, 4,4'-(1-methylethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	7.96 ng	714293	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
2	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	50
3	Diphenolic acid	286	C17H18O4	000126-00-1	38
4	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	38
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	35





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TIC Integration Parameters: LSCINT.P

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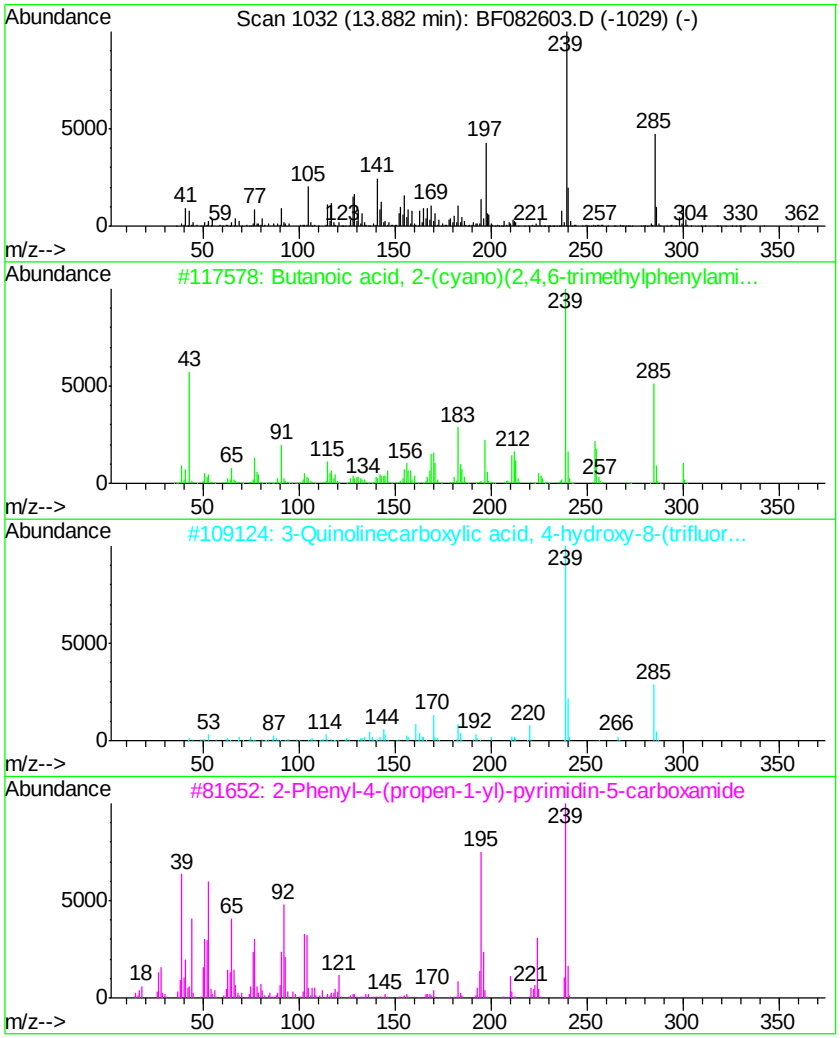
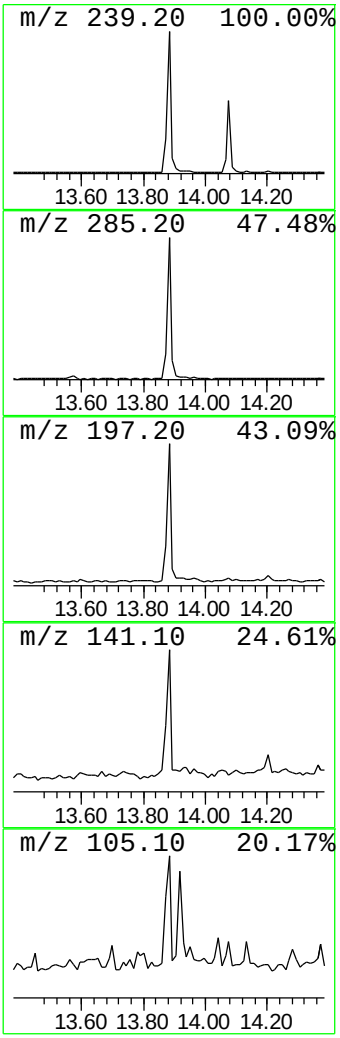
Peak Number 18 Butanoic acid, 2-(cyano)(2,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	11.25 ng	1009600	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	76
2	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	53
3	2-Phenyl-4-(propen-1-yl)-pyrimid...	239	C14H13N3O	1000287-21-7	42
4	2-Methyl-1-pyridin-3-yl-3-(2,2,2...	356	C16H15Cl3N2O	1000277-72-3	38
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	38





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ClientSampleId : TEC-12

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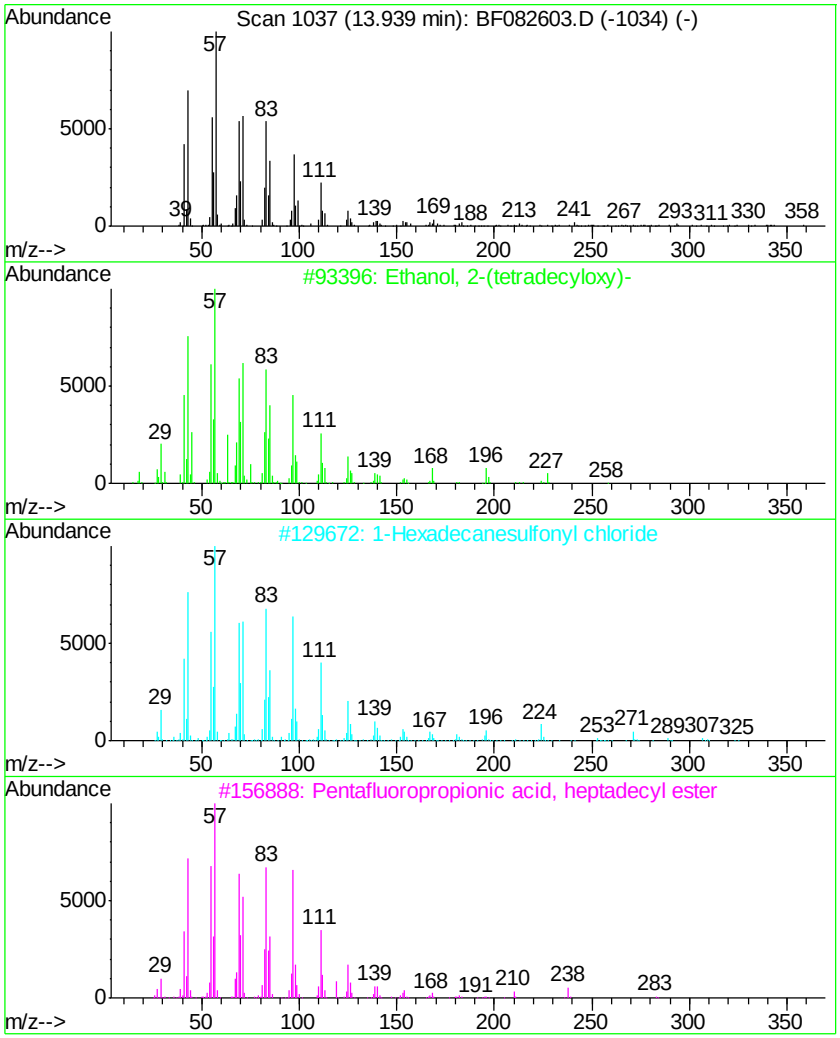
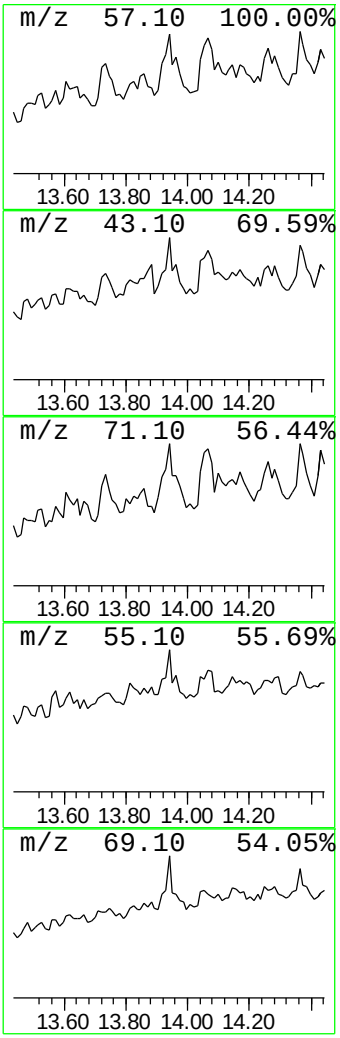
Peak Number 19 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	11.03 ng	990022	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	83
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	81





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TIC Library : C:\DATABASE\NIST02.L
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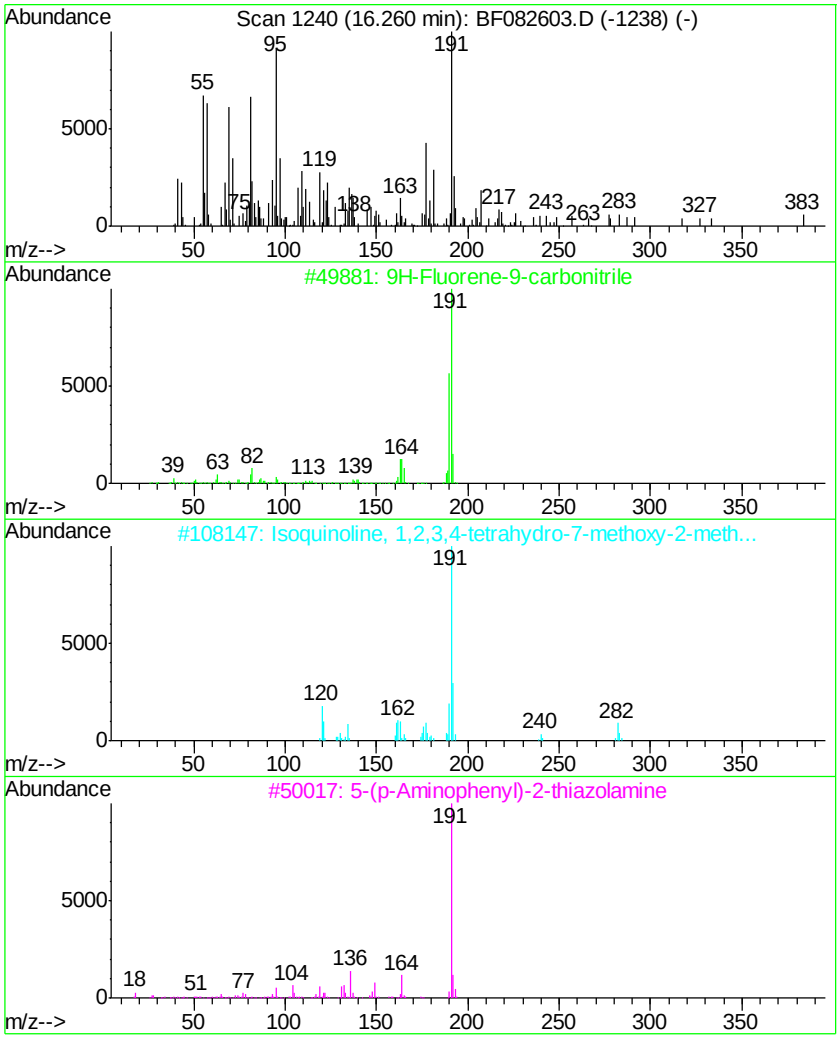
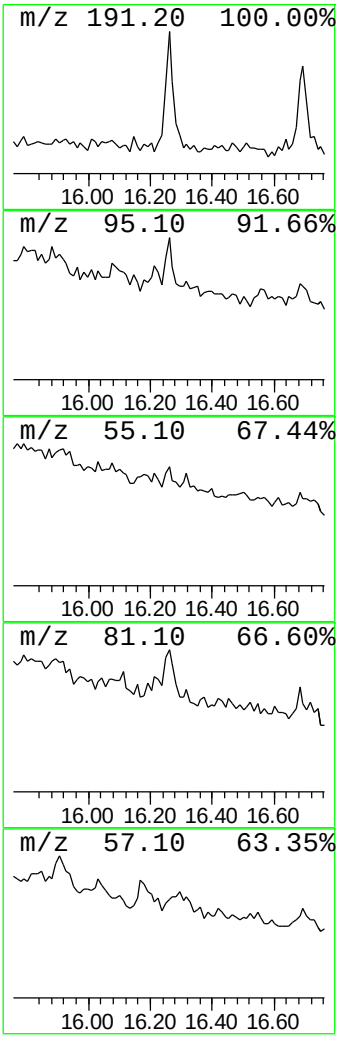
Peak Number 20 unknown16.26 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	7.25 ng	370216	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	46
2	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	41
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
4	Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	22
5	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	18





Tentatively Identified Compound (LSC) summary

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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...	5.08	7.3	ng	526177	1	6.90	1433460	20.0
Butanoic acid, 3-...	5.22	10.7	ng	764842	1	6.90	1433460	20.0
unknown6.67	6.67	59.8	ng	4287150	1	6.90	1433460	20.0
Ethane, 1-ethoxy-...	6.74	7.9	ng	564300	1	6.90	1433460	20.0
1-Hexanol, 2-ethyl-	6.98	21.6	ng	1544300	1	6.90	1433460	20.0
Hexanoic acid, 2-...	7.62	12.3	ng	1169660	2	8.19	1908530	20.0
Benzeneacetic acid	8.48	25.8	ng	2466180	2	8.19	1908530	20.0
1-Phenoxypropan-2-ol	8.51	6.9	ng	660605	2	8.19	1908530	20.0
Vanillin	9.40	13.6	ng	1502810	3	9.95	2211540	20.0
2-Propanol, 1-chl...	11.31	22.1	ng	2291740	4	11.44	2077420	20.0
n-Hexadecanoic acid	11.97	9.9	ng	1031910	4	11.44	2077420	20.0
Octadecanoic acid	12.76	12.4	ng	1116270	5	14.08	1794530	20.0
Phenol, 4,4'-(1-m...	12.90	8.0	ng	714293	5	14.08	1794530	20.0
Butanoic acid, 2-...	13.88	11.3	ng	1009600	5	14.08	1794530	20.0
Ethanol, 2-(tetra...	13.94	11.0	ng	990022	5	14.08	1794530	20.0
unknown16.26	16.26	7.3	ng	370216	6	15.54	1020990	20.0