LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

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-BF113015.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	2.224	45	47	58	rVB	39074	100185	1.33%	0.139%
2	2.613	79	81	101	rBV	86084	373535	4.94%	0.518%
3	3.024	114	117	124	rBV	46898	168151	2.23%	0.233%
4	3.927	188	196	199	rBV	26039	100618	1.33%	0.139%
5	4.647	257	259	269	rVB	250951	378822	5.01%	0.525%
6	4.922	269	283	287	rBV2	117362	700694	9.27%	0.971%
7	5.036	287	293	299	rVV2	81078	272058	3.60%	0.377%
8	5.127	299	301	311	rVB	1311431	1717567	22.73%	2.381%
9	5.333	316	319	321	rBV	2958254	3717478	49.20%	5.154%
10	6.087	384	385	394	rBV	484874	561222	7.43%	0.778%
11	6.213	394	396	403	rBV2	1266564	1911809	25.30%	2.650%
12	6.316	403	405	408	rVV	2723562	2912949	38.55%	4.038%
13	6.407	412	413	420	rVB	101216	183627	2.43%	0.255%
14	6.545	423	425	428	rBV	1136461	1075263	14.23%	1.491%
15	6.647	431	434	436	rVV	2641541	3879577	51.35%	5.378%
16	6.705	436	439	446	rVV	4076250	4096914	54.22%	5.680%
17	6.796	446	447	451	rVB2	57322	96177	1.27%	0.133%
18	6.979	460	463	465	rBV	113878	199200	2.64%	0.276%
19	7.127	473	476	478	rBV	2490663	3537625	46.82%	4.904%
20	7.310	485	492	494	rBV	394102	869336	11.51%	1.205%
21	7.345	494	495	500	rVV3	48378	89394	1.18%	0.124%
22	7.425	500	502	504	rVB	70560	80193	1.06%	0.111%
23	7.482	504	507	509	rVB2	87900	111681	1.48%	0.155%
24	7.585	512	516	517	rBV2	72954	101433	1.34%	0.141%
25	7.676	517	524	527	rBV2	524863	1574007	20.83%	2.182%
26	7.756	530	531	536	rVV2	63061	113691	1.50%	0.158%
27	7.836	536	538	540	rVV	1740459	1522620	20.15%	2.111%
28	7.870	540	541	543	rVB	188710	163634	2.17%	0.227%
29	7.985	549	551	553	rBV2	64870	121377	1.61%	0.168%
30	8.019	553	554	558	rVV2	61412	108280	1.43%	0.150%
31	8.122	561	563	564	rVV	209253	312512	4.14%	0.433%
32	8.168	564	567	570	rVV	745615	1138094	15.06%	1.578%
33	8.213	570	571	573	rVV	235276	264158	3.50%	0.366%
34	8.248	573	574	577	rVV3	156147	276629	3.66%	0.383%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.339	578	582	587	rVV2	384597	927436	12.28%	1.286%
36	8.430	589	590	593	rVB2	54936	76383	1.01%	0.106%
37	8.670	610	611	614	rVB	76927	100344	1.33%	0.139%
38	8.750	614	618	620	rBV4	67202	154671	2.05%	0.214%
39	8.808	620	623	626	rVV	167606	328725	4.35%	0.456%
40	8.922	630	633	635	rVV	5558223	5842760	77.33%	8.100%
41	8.968	635	637	639	rVV	653429	708641	9.38%	0.982%
42	9.013	639	641	644	rVV3	93251	185664	2.46%	0.257%
43	9.071	644	646	648	rVV2	681494	743219	9.84%	1.030%
44	9.139	650	652	654	rBV2	48339	76006	1.01%	0.105%
45	9.276	662	664	667	rBV	6292197	7555423	100.00%	10.474%
46	9.379	672	673	675	rVV	160837	272353	3.60%	0.378%
47	9.413	675	676	682	rVV3	165637	408305	5.40%	0.566%
48	9.528	682	686	689	rVV3	319306	530968	7.03%	0.736%
49	9.585	689	691	695	rVB	1755309	1664759	22.03%	2.308%
50	9.779	705	708	710	rBV	76861	123030	1.63%	0.171%
51	9.836	710	713	714	rVV	138323	201351	2.66%	0.279%
52	9.882	716	717	722	rVB	138315	164142	2.17%	0.228%
53	9.996	725	727	730	rBV4	112631	251278	3.33%	0.348%
54	10.042	730	731	733	rVB	201133	145169	1.92%	0.201%
55	10.248	747	749	753	rVV	298000	318914	4.22%	0.442%
56	10.328	753	756	757	rVV2	45383	100793	1.33%	0.140%
57	10.374	757	760	762	rVV	2299477	2420911	32.04%	3.356%
58	10.454	765	767	771	rBV3	79533	140634	1.86%	0.195%
59	10.522	771	773	776	rVV2	271473	376058	4.98%	0.521%
60	11.014	814	816	818	rBV2	568081	633813	8.39%	0.879%
61	11.128	823	826	828	rBV	1136528	1445892	19.14%	2.004%
62	11.471	854	856	858	rBV	65769	96541	1.28%	0.134%
63	11.528	858	861	863	rBV2	145012	198370	2.63%	0.275%
64	11.585	864	866	868	rVV	120118	156194	2.07%	0.217%
65	11.836	885	888	892	rBV4	249119	613228	8.12%	0.850%
66	11.905	892	894	896	rBV	91679	143064	1.89%	0.198%
67	12.054	905	907	909	rBV3	140315	214296	2.84%	0.297%
68	12.259	922	925	929	rBV3	176365	449766	5.95%	0.624%
69	12.442	939	941	944	rBV	241934	414603	5.49%	0.575%
70	12.591	952	954	955	rBV	190897	264459	3.50%	0.367%
71	12.739	965	967	970	rBV2	162676	344372	4.56%	0.477%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.911	980	982	984	rBV	211951	315600	4.18%	0.438%
73	13.128	999	1001	1003	rBV	243199	427787	5.66%	0.593%
74	13.220	1006	1009	1012	rVB	2473833	3636225	48.13%	5.041%
75	13.300	1013	1016	1019	rBV2	350644	950332	12.58%	1.317%
76	13.425	1025	1027	1029	rBV	224796	427313	5.66%	0.592%
77	14.751	1141	1143	1146	rVB	670948	1129070	14.94%	1.565%
78	16.831	1323	1325	1329	rVB	665490	1008194	13.34%	1.398%
79	17.563	1387	1389	1394	rVB	926597	1701937	22.53%	2.359%
80	17.951	1421	1423	1428	rVB	496082	914019	12.10%	1.267%

Sum of corrected areas: 72133522

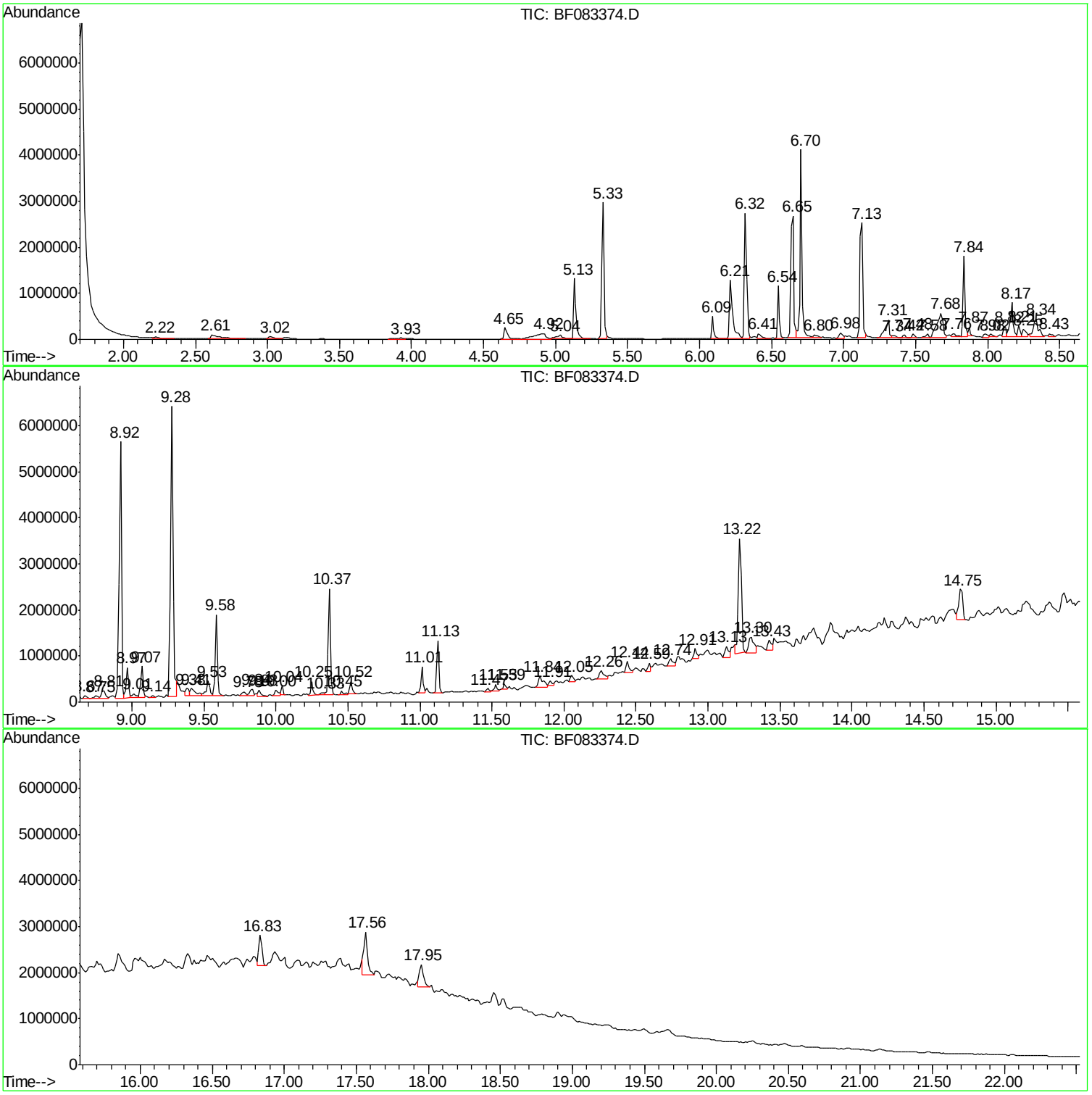
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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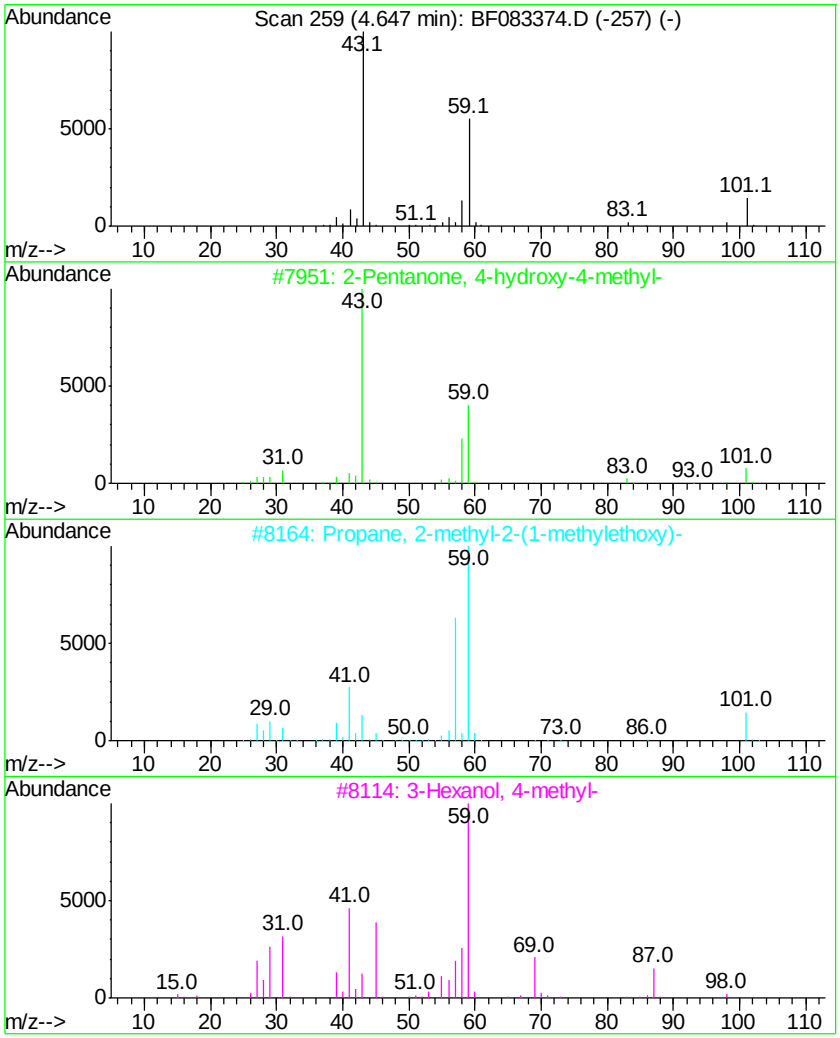
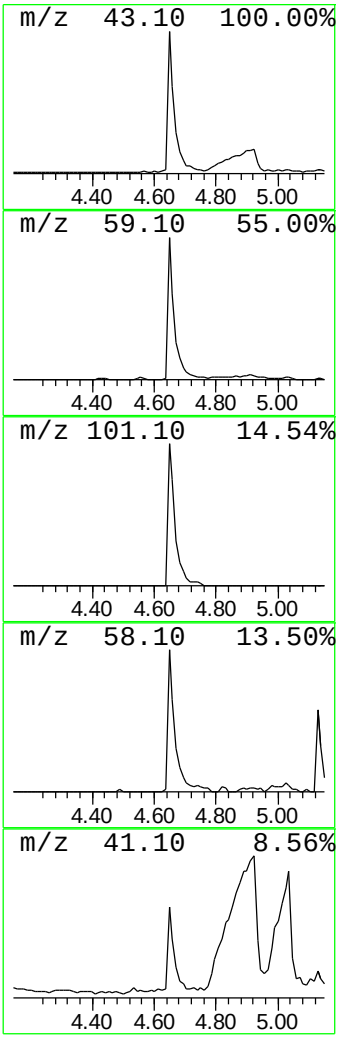
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	7.05 ng	378822	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

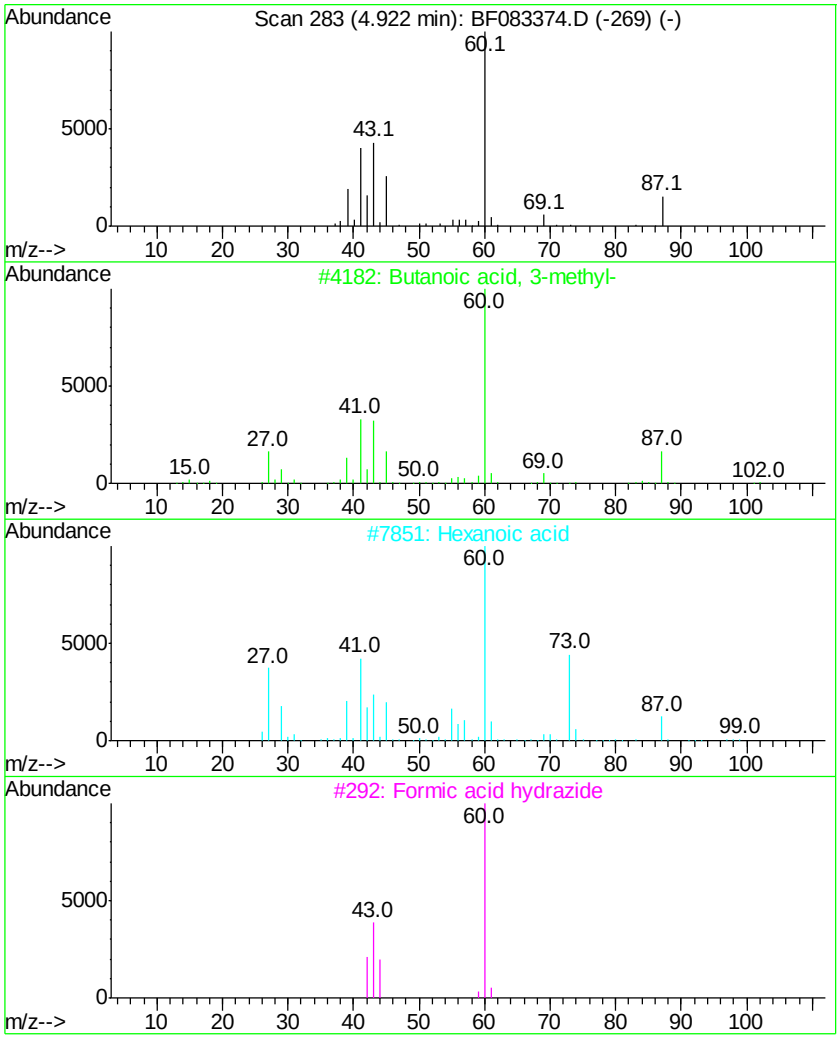
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

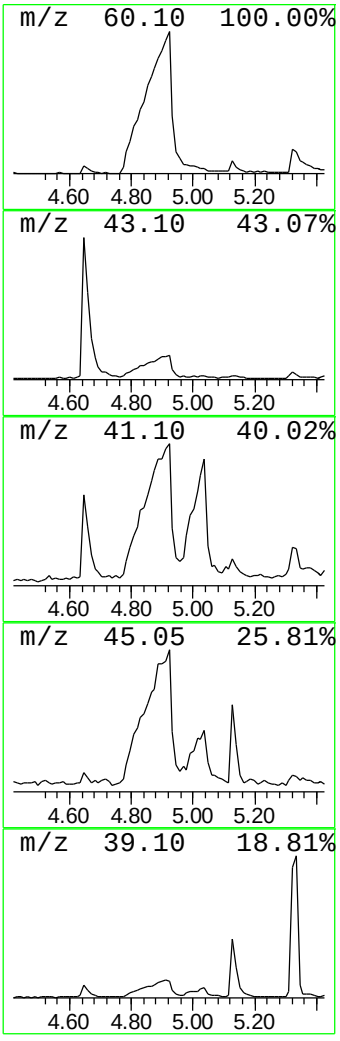
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	13.03 ng	700694	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	56
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	53
4	1-Pentanamine	87	C5H13N	000110-58-7	9
5	Pentanoic acid	102	C5H10O2	000109-52-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

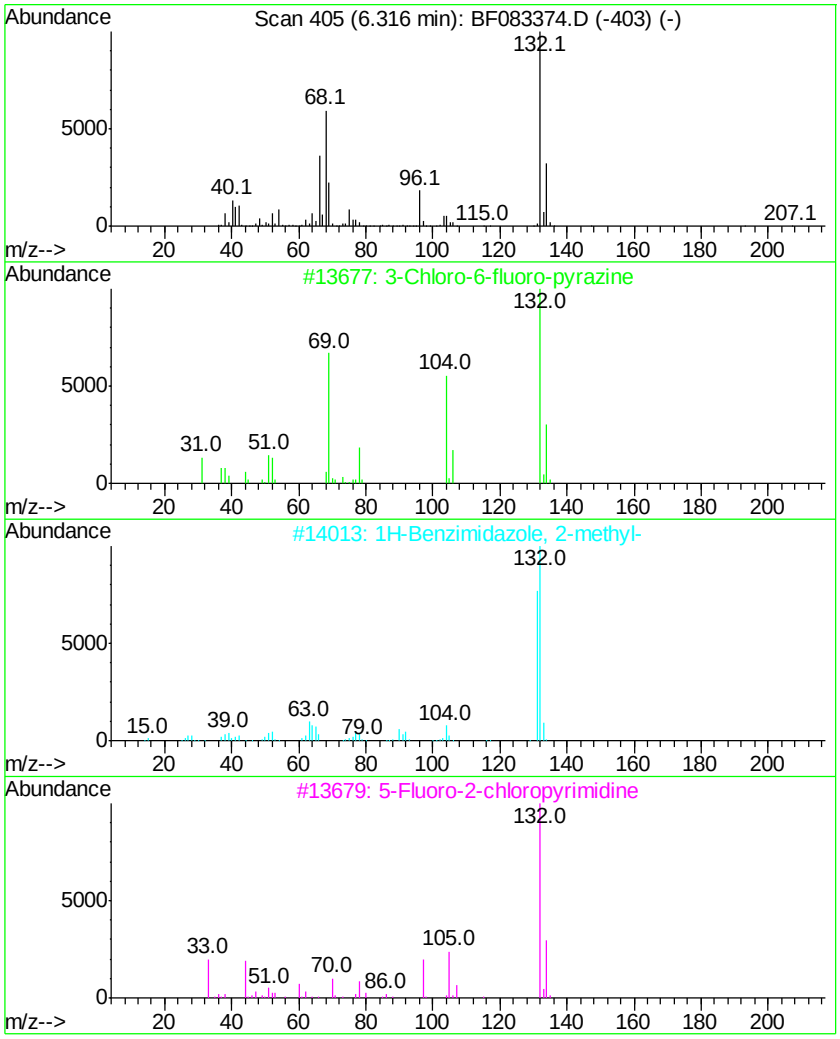
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

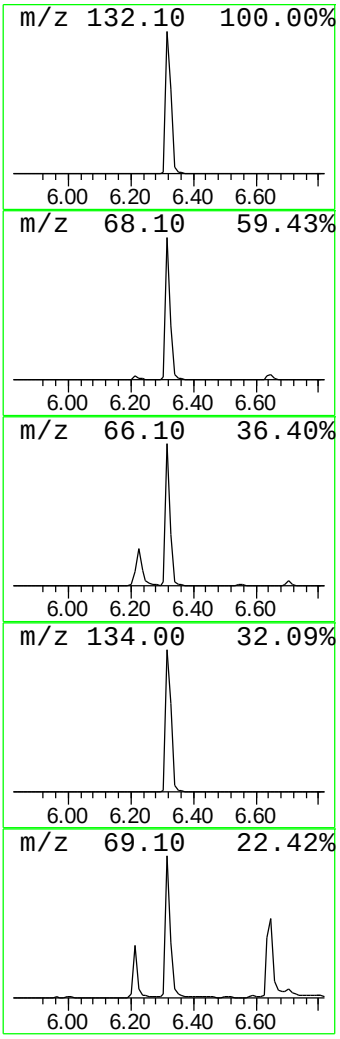
****

Peak Number 5 unknown6.32 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	54.18 ng	2912950	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

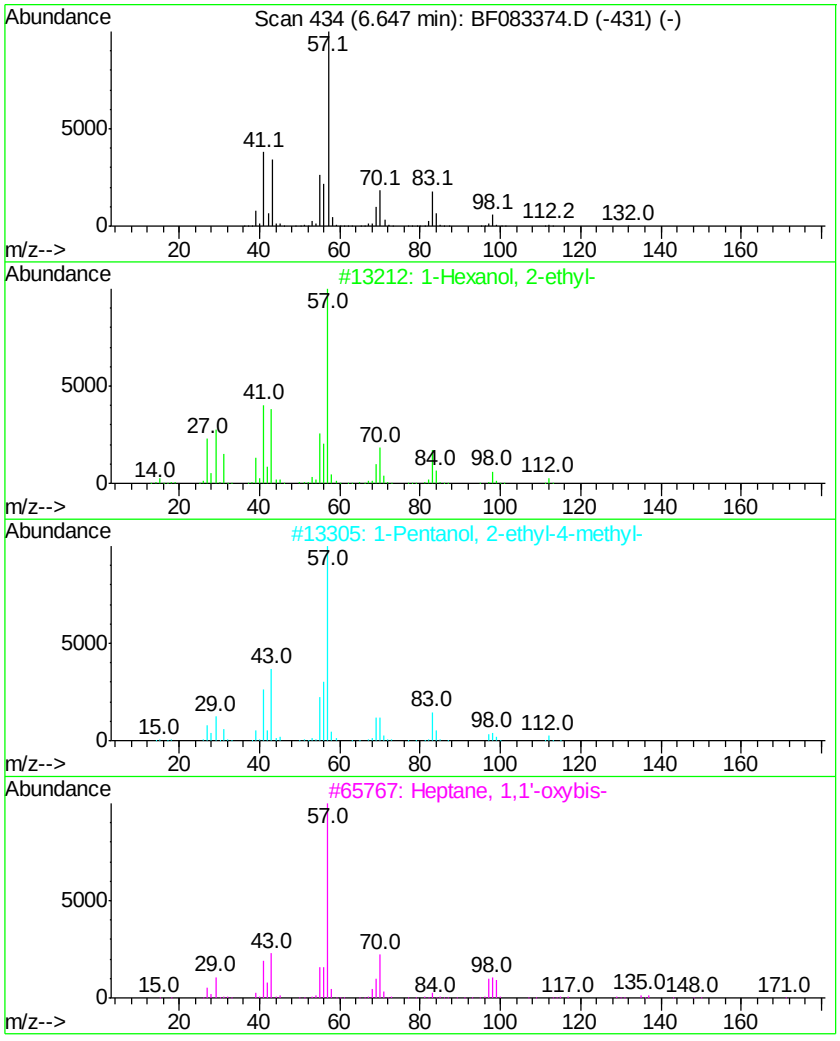
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

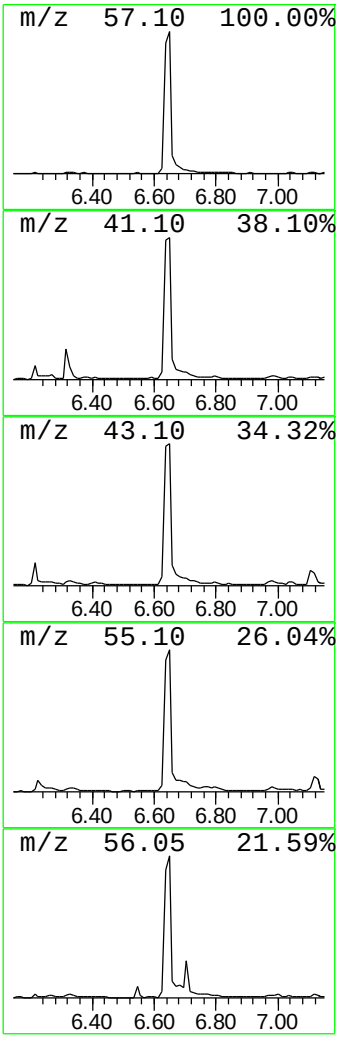
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.16 ng	3879580	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

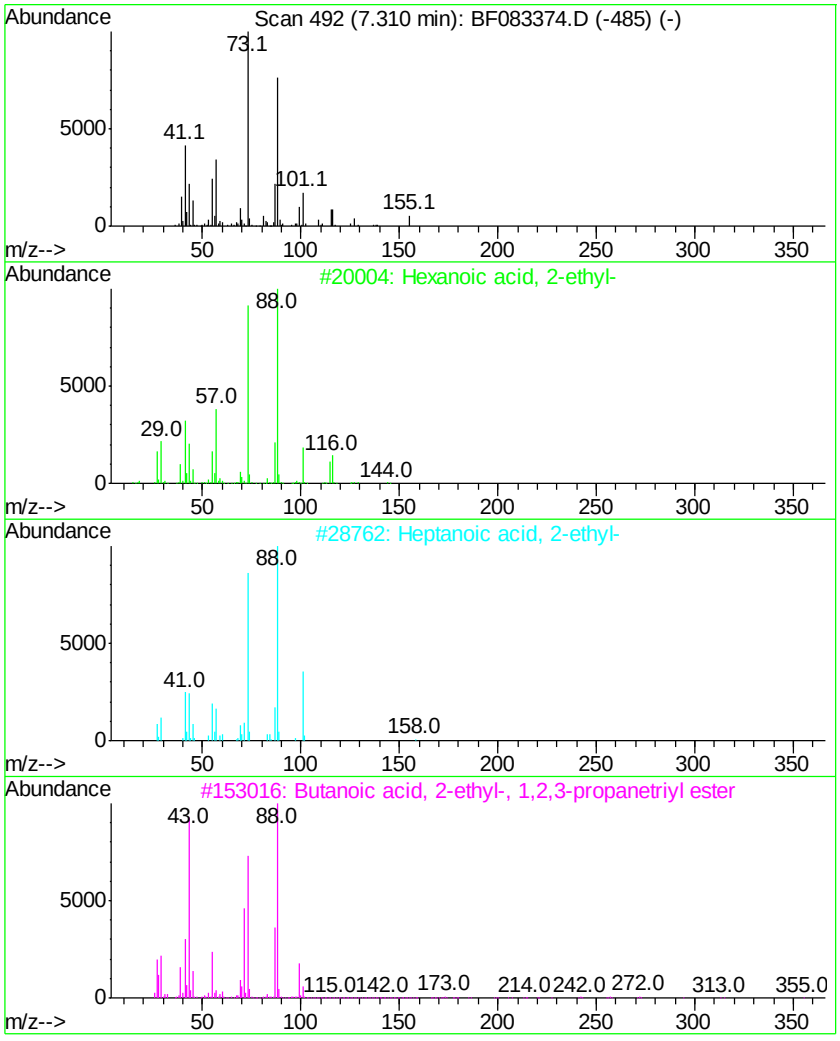
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

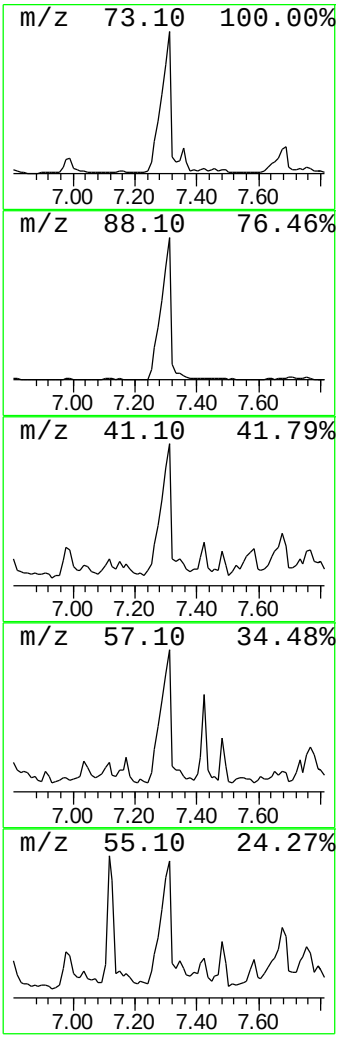
****

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	11.42 ng	869336	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	47
4	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	42
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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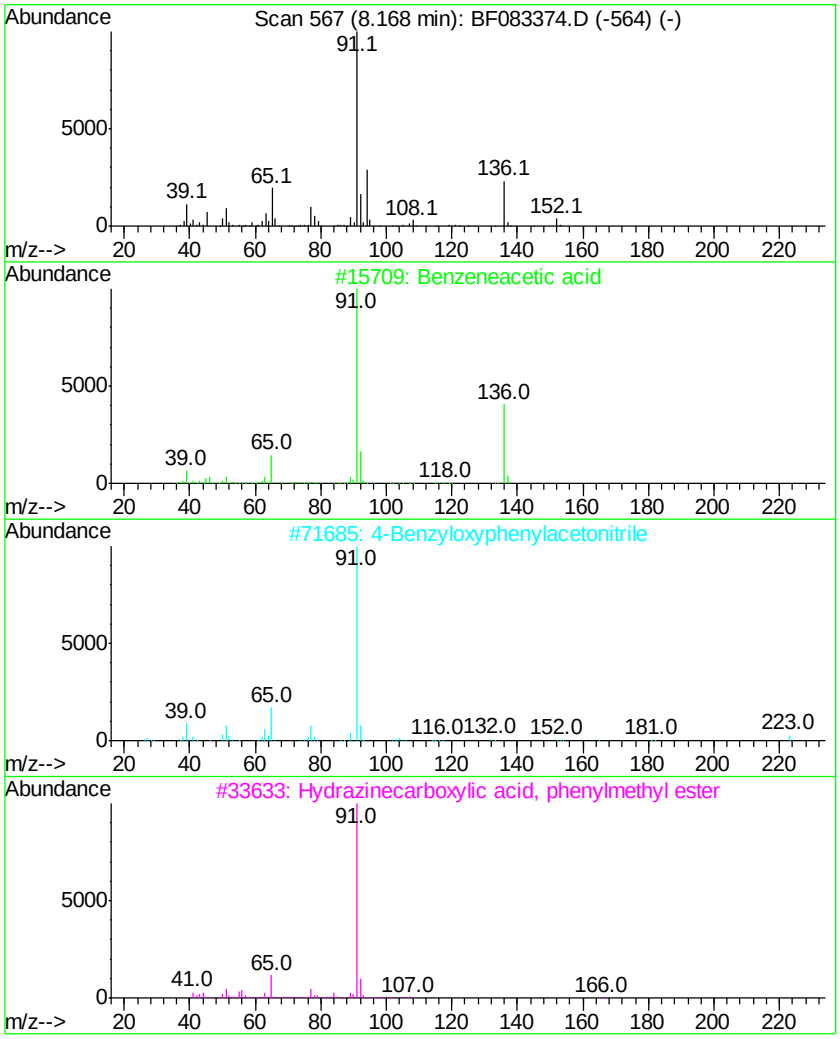
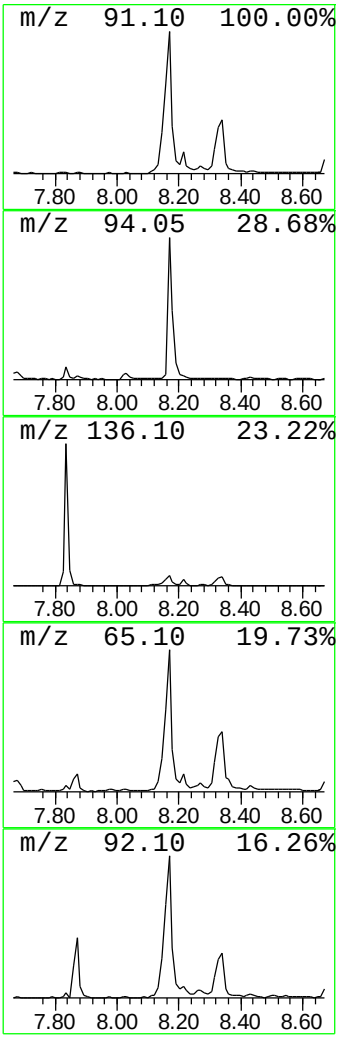
Peak Number 9 Benzeneacetic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	14.95 ng	1138090	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	64
2	4-Benzyloxyphenylacetonitrile	223	C15H13NO	000838-96-0	43
3	Hydrazinecarboxylic acid, phenyl...	166	C8H10N2O2	005331-43-1	43
4	3-Benzyloxyphenylacetonitrile	223	C15H13NO	020967-96-8	43
5	Propanedinitrile, (1-methyl-3-ph...	196	C13H12N2	069564-94-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083374.D
Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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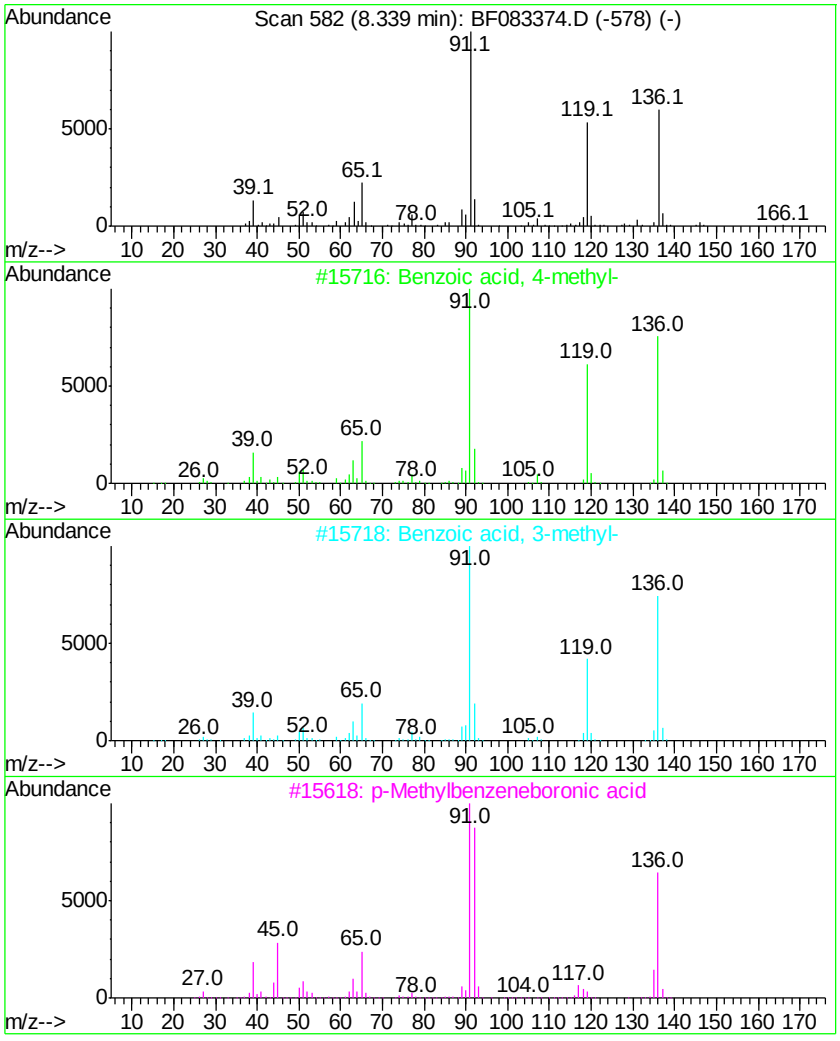
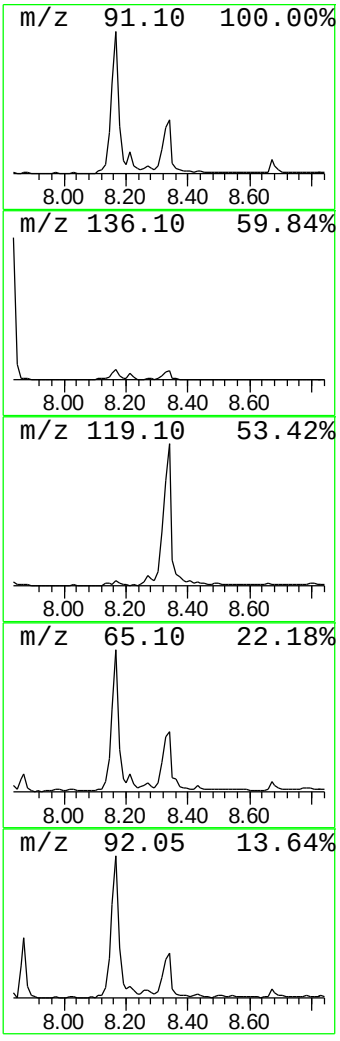
Peak Number 10 Benzoic acid, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	12.18 ng	927436	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	97
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	76
3	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	53
4	(+)-di-O-4-Toluoyl-D-tartaric acid	386	C20H18O8	032634-68-7	50
5	Benzeneacetic acid	136	C8H8O2	000103-82-2	49





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Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

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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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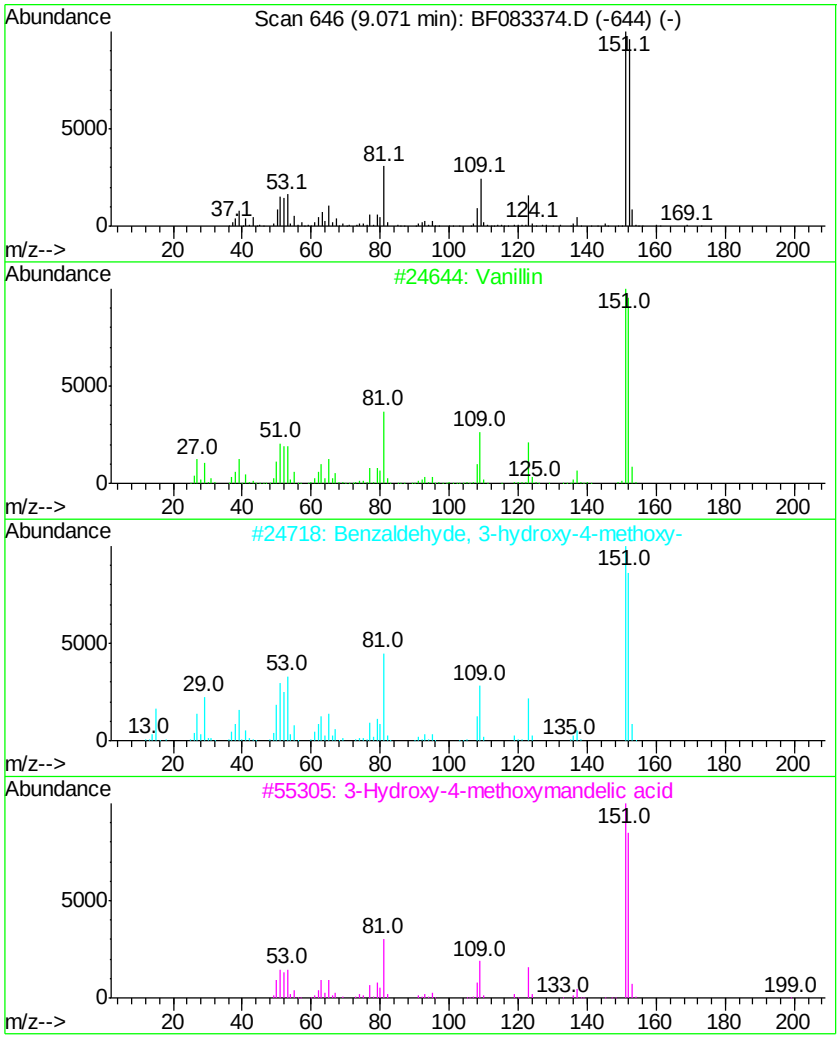
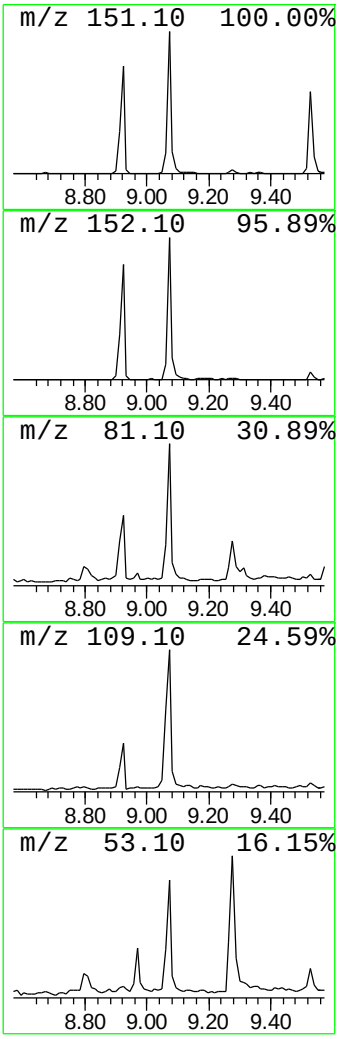
Peak Number 11 Vanillin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	8.93 ng	743219	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	98
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	91
4	Vanillin lactoside	476	C20H28O13	1000129-94-7	72
5	Benzaldehyde, 2,4-dihydroxy-6-me...	152	C8H8O3	000487-69-4	64





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Instrument : BNA_F
ClientSampleId : TEC-16

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

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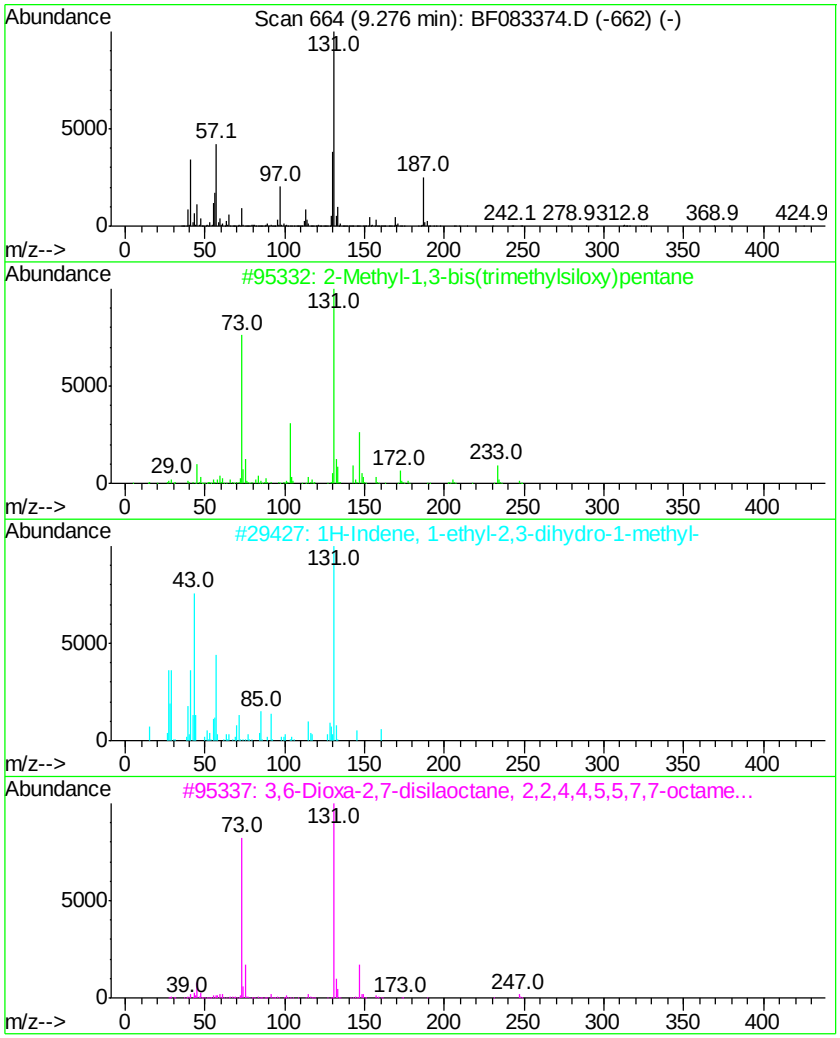
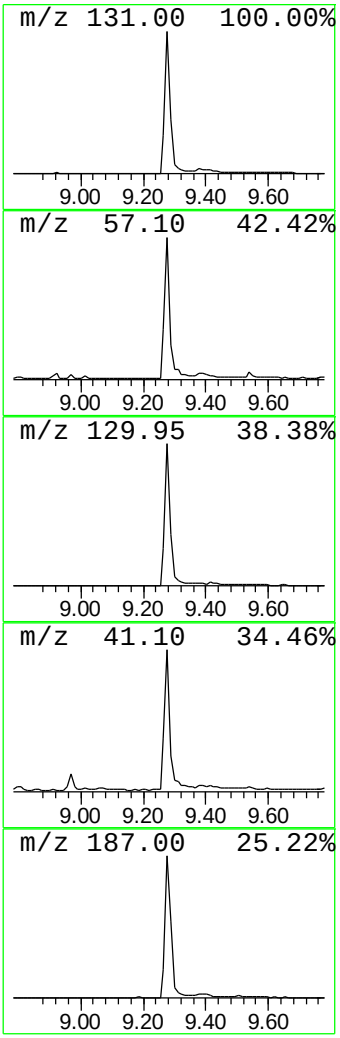
Peak Number 12 unknown9.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	90.77 ng	7555420	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1,3-bis(trimethylsiloxy...	262	C12H30O2Si2	122424-36-6	23
2	1H-Indene, 1-ethyl-2,3-dihydro-1...	160	C12H16	056298-75-0	12
3	3,6-Dioxa-2,7-disilaoctane, 2,2,...	262	C12H30O2Si2	006730-96-7	9
4	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	9
5	Hydrocinnamic acid, o-[(1,2,3,4-...	294	C20H22O2	023804-21-9	9





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Acq On : 1 Dec 2015 12:56
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Sample : G4555-02
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

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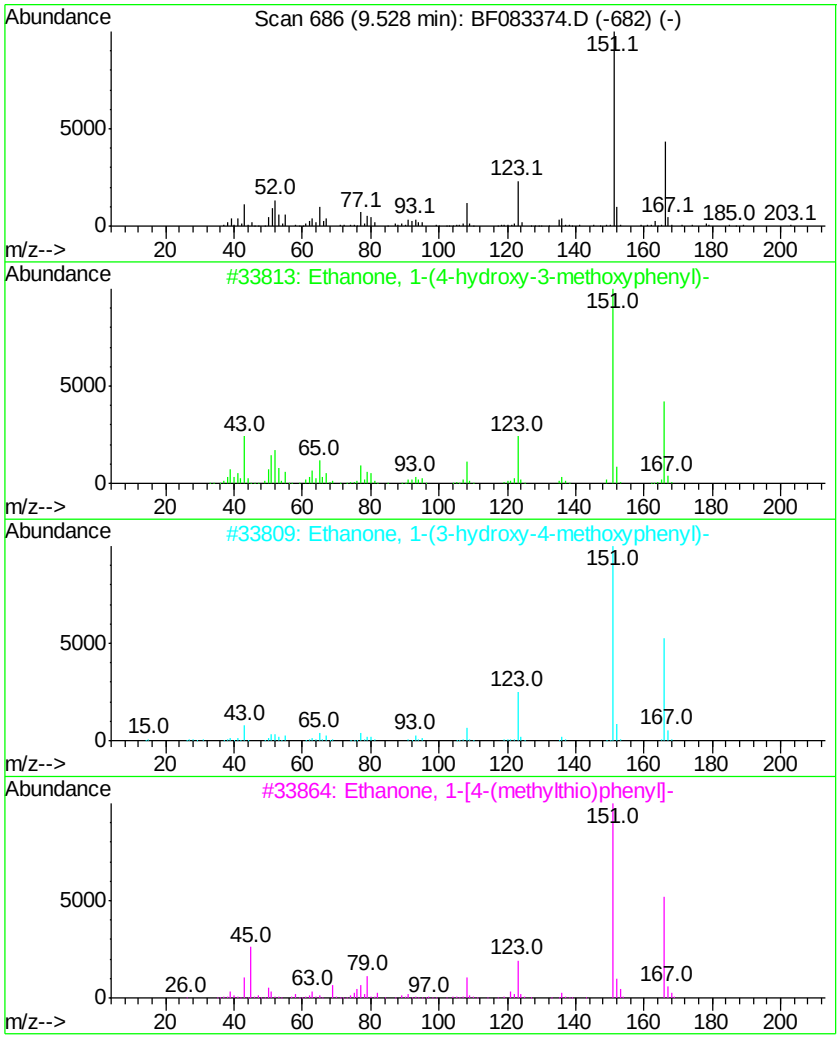
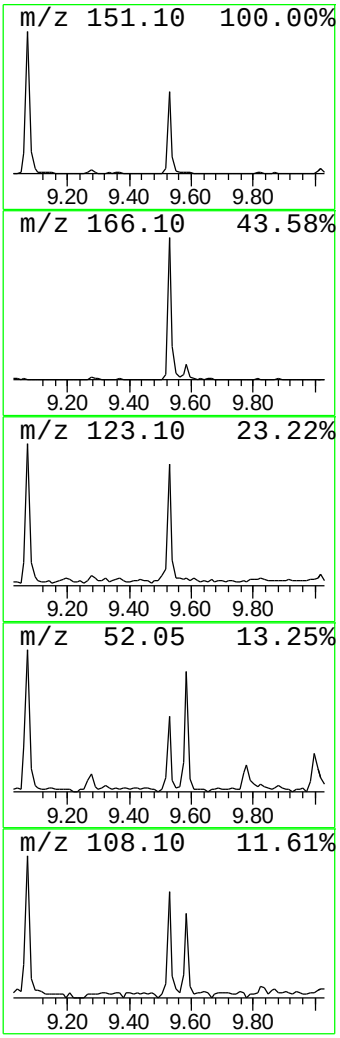
Peak Number 13 Ethanone, 1-(4-hydroxy-3-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	6.38 ng	530968	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	95
2	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	95
3	Ethanone, 1-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	72
4	1,4-Benzenediol, 2-(1,1-dimethyl...	166	C10H14O2	001948-33-0	72
5	Ethanone, 1-(2-hydroxy-4-methoxy...	166	C9H10O3	000552-41-0	68





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Instrument : BNA_F
ClientSampleId : TEC-16

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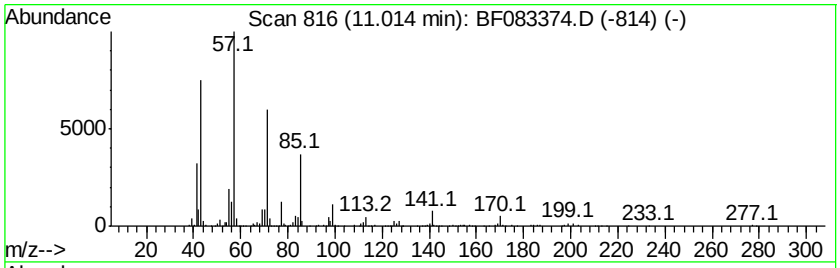
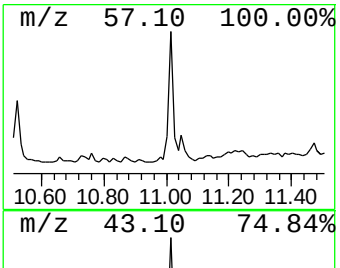
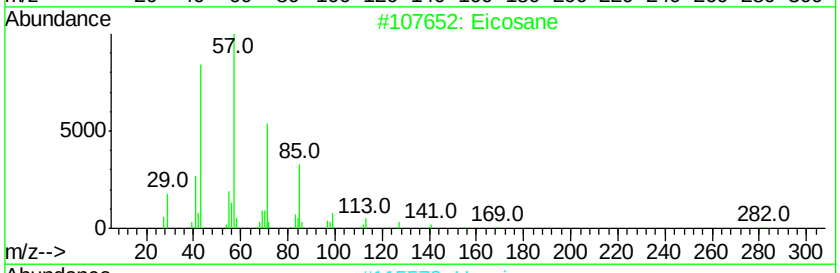
Peak Number 14 Eicosane Concentration Rank 14

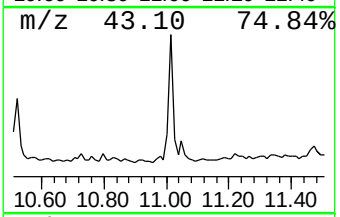
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	8.77 ng	633813	Phenanthrene-d10	11.13

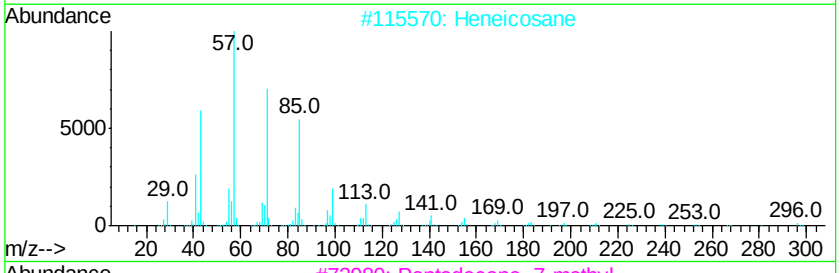
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Heneicosane	296	C21H44	000629-94-7	80
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74

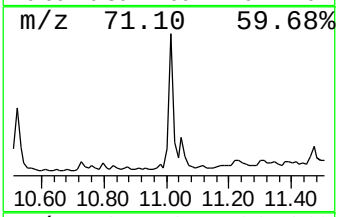


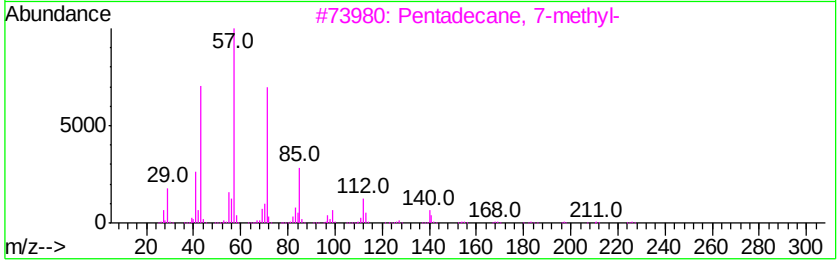


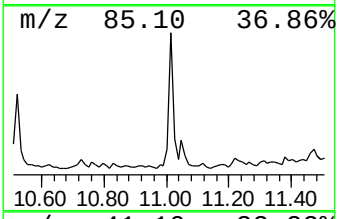


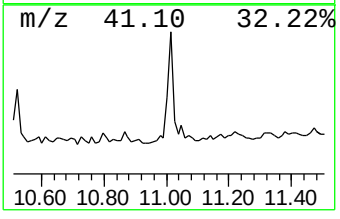












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Acq On : 1 Dec 2015 12:56
Operator : UM/IZ
Sample : G4555-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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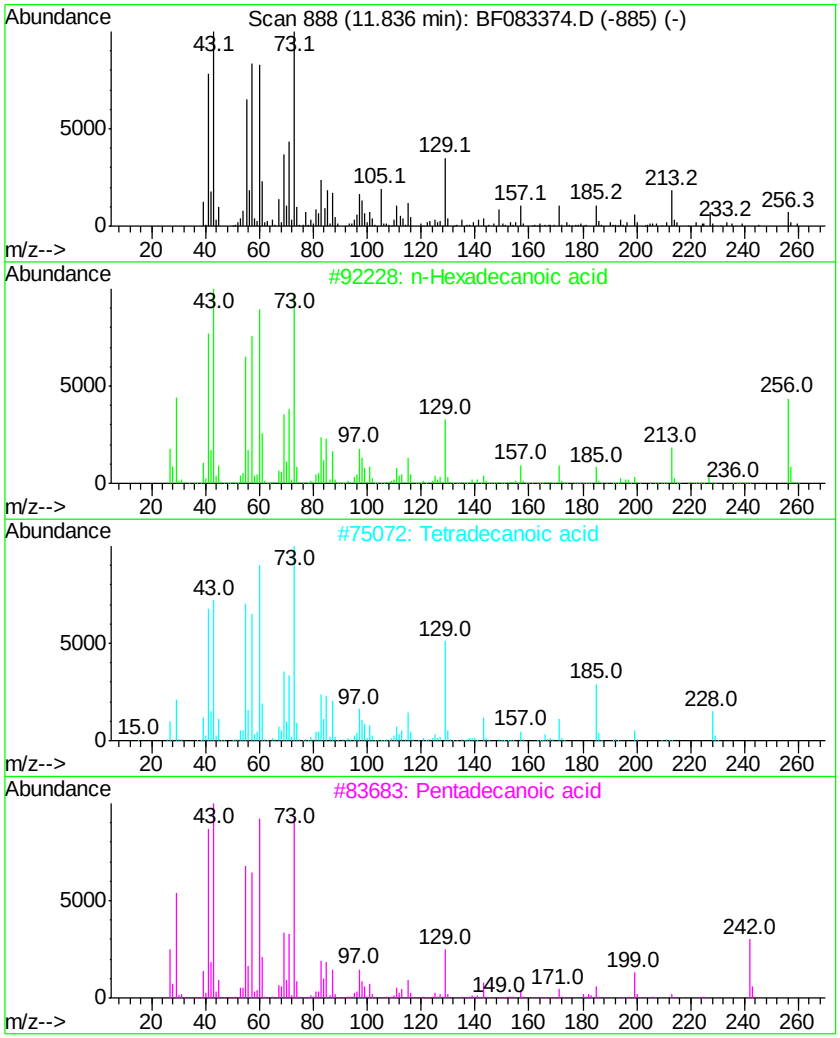
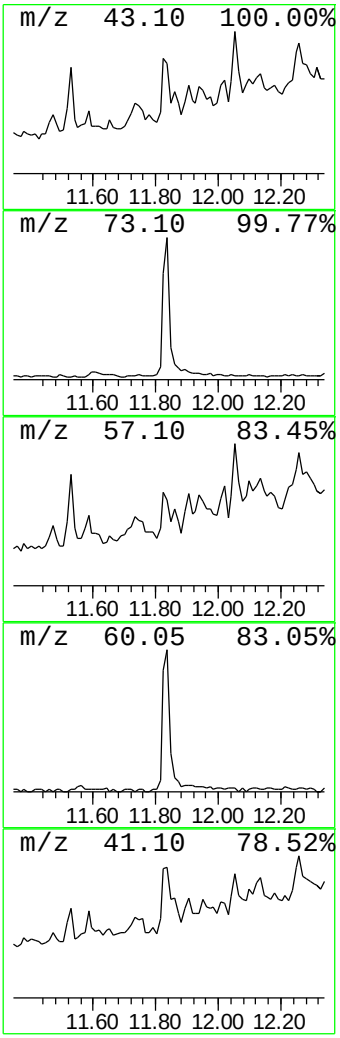
Peak Number 15 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	8.48 ng	613228	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	45





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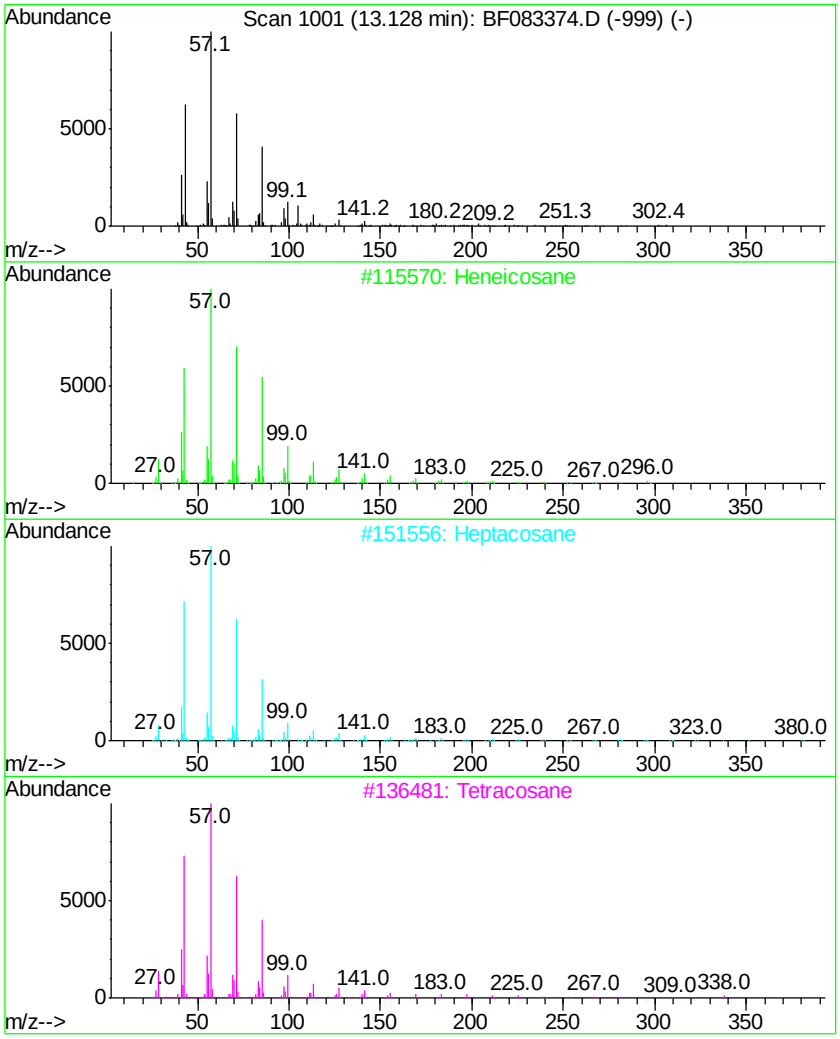
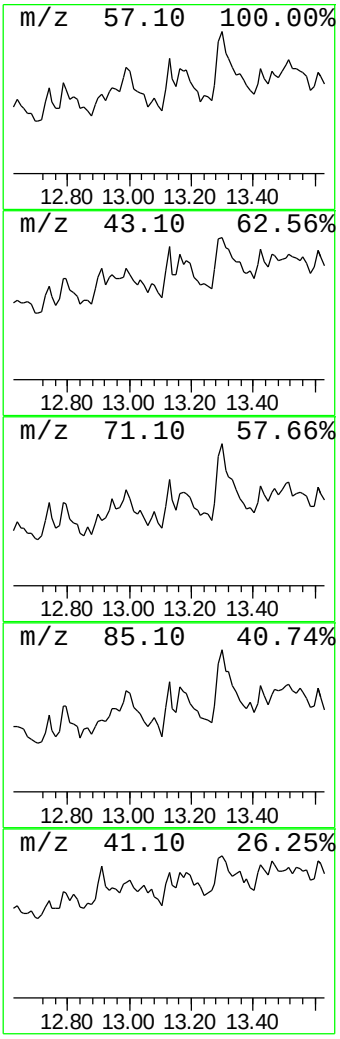
Peak Number 16 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	7.58 ng	427787	Chrysene-d12	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	80





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-16

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TIC Library : C:\DATABASE\NIST02.L
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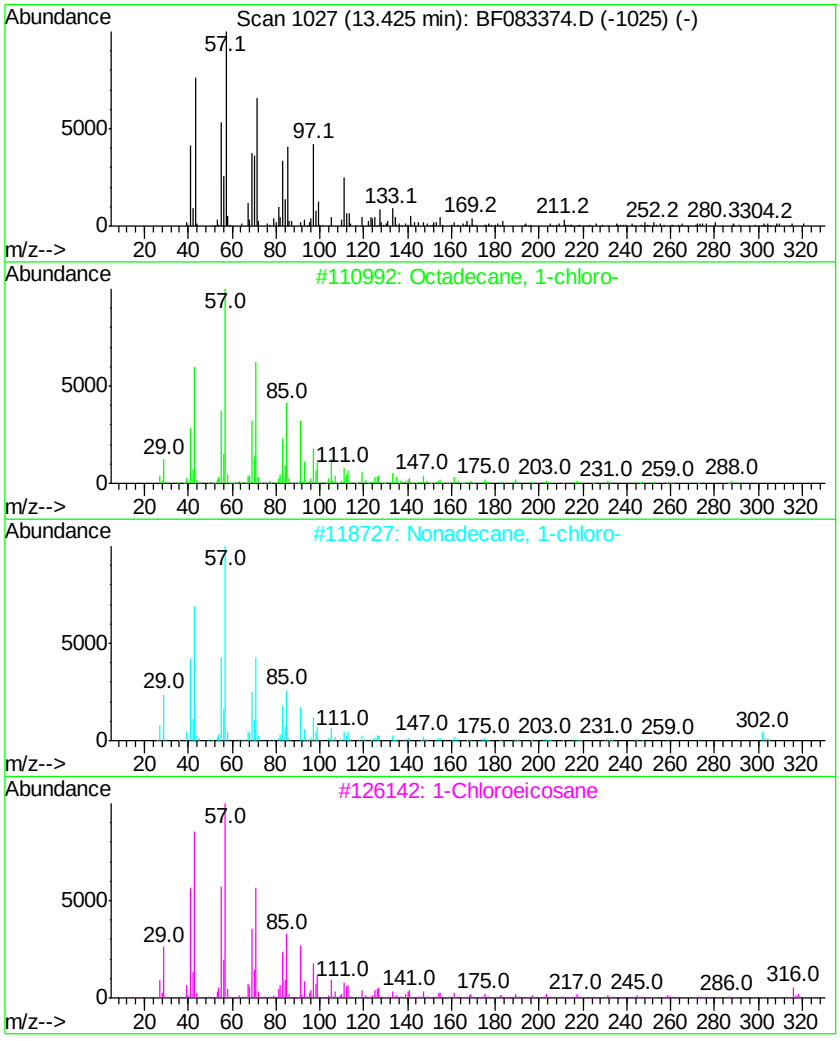
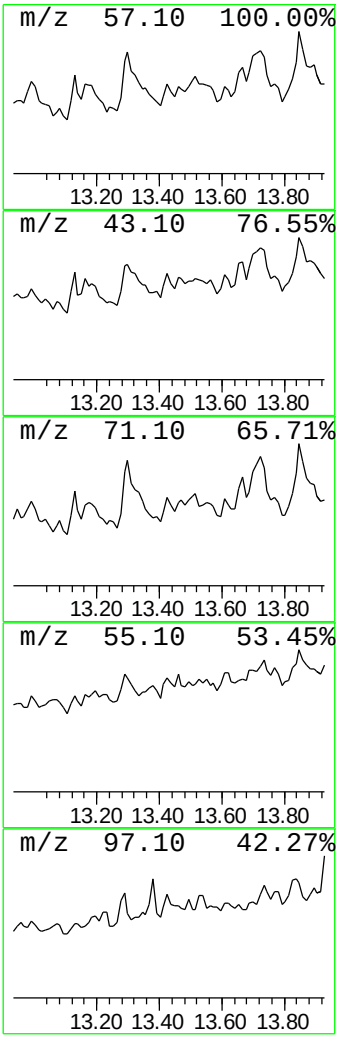
Peak Number 18 Octadecane, 1-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	7.57 ng	427313	Chrysene-d12	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	70
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	70
3	1-Chloroeicosane	316	C20H41Cl	042217-02-7	52
4	Dodecane	170	C12H26	000112-40-3	49
5	Hexadecane	226	C16H34	000544-76-3	49





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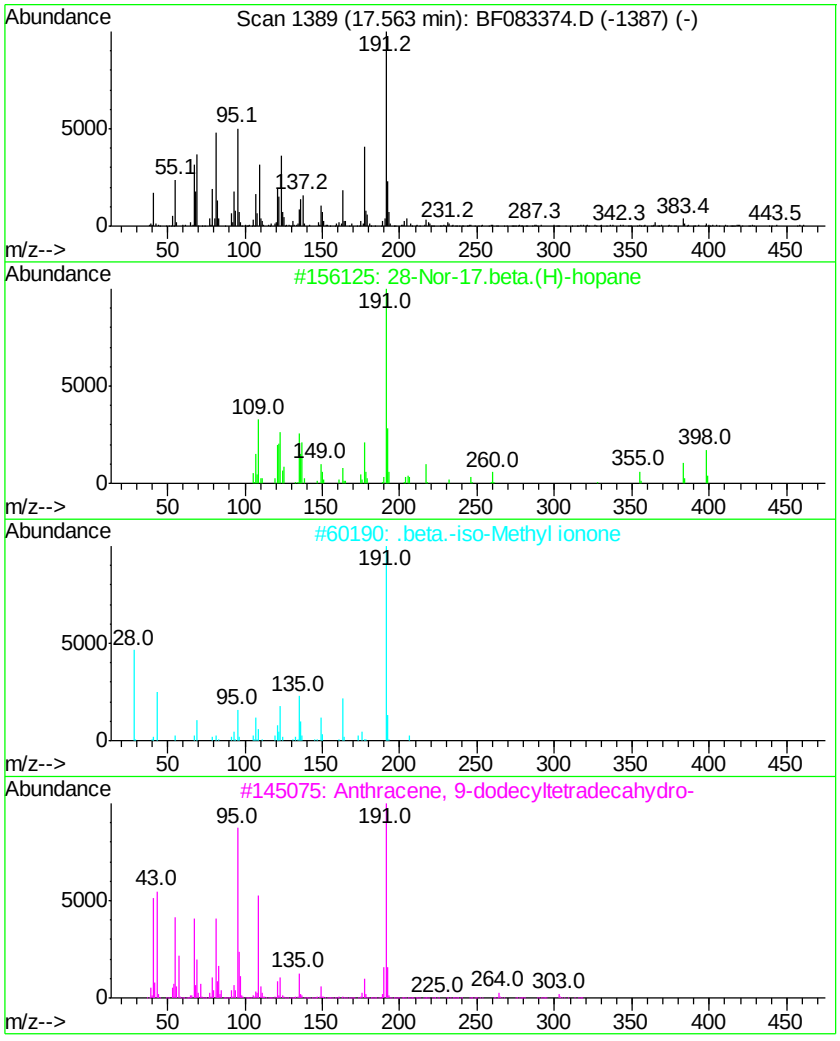
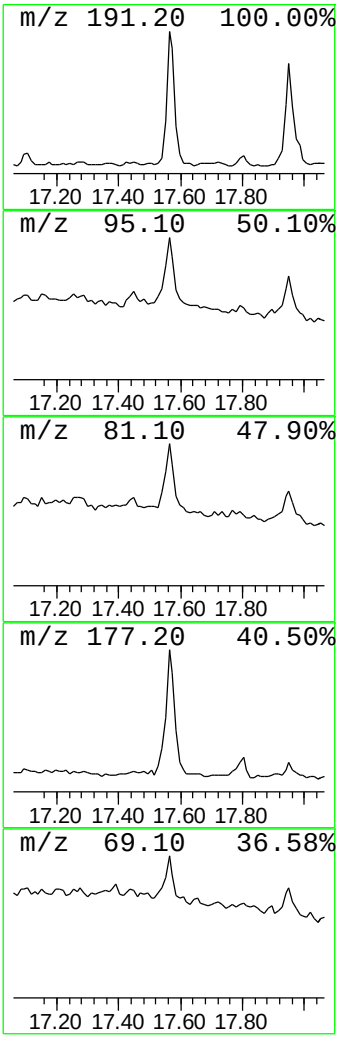
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	33.76 ng	1701940	Perylene-d12	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	59
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	42
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	32
5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32





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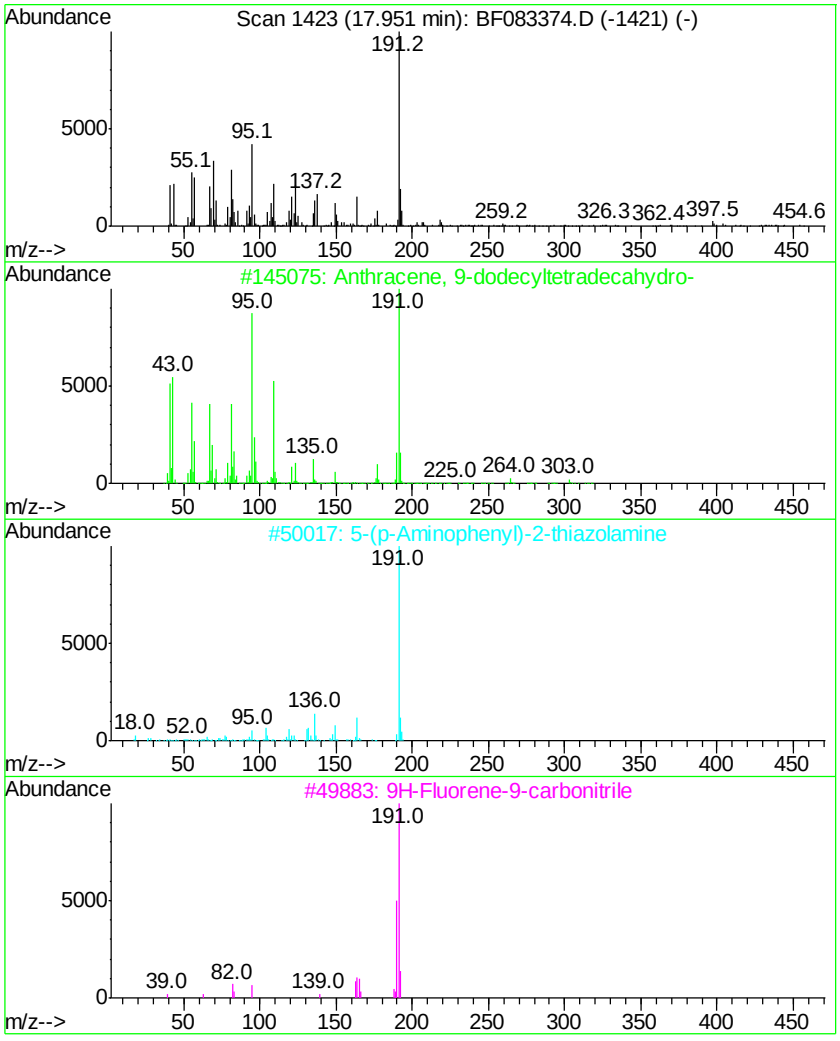
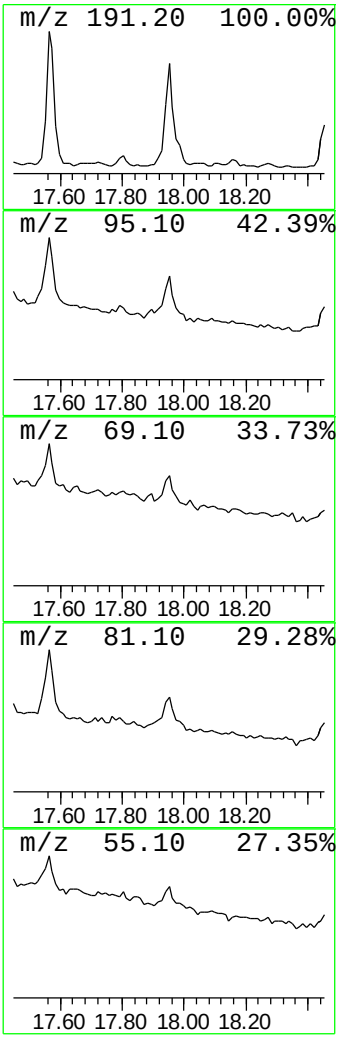
Peak Number 20 unknown17.95 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	18.13 ng	914019	Perylene-d12	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
2	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
3	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	38
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
5	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	35





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
2-Pentanone, 4-hy...	4.65	7.0	ng	378822	1	6.54	1075260	20.0
Butanoic acid, 3-...	4.92	13.0	ng	700694	1	6.54	1075260	20.0
unknown6.32	6.32	54.2	ng	2912950	1	6.54	1075260	20.0
1-Hexanol, 2-ethyl-	6.65	72.2	ng	3879580	1	6.54	1075260	20.0
Hexanoic acid, 2-...	7.31	11.4	ng	869336	2	7.84	1522620	20.0
Benzeneacetic acid	8.17	14.9	ng	1138090	2	7.84	1522620	20.0
Benzoic acid, 4-m...	8.34	12.2	ng	927436	2	7.84	1522620	20.0
Vanillin	9.07	8.9	ng	743219	3	9.58	1664760	20.0
unknown9.28	9.28	90.8	ng	7555420	3	9.58	1664760	20.0
Ethanone, 1-(4-hy...	9.53	6.4	ng	530968	3	9.58	1664760	20.0
Eicosane	11.01	8.8	ng	633813	4	11.13	1445890	20.0
n-Hexadecanoic acid	11.84	8.5	ng	613228	4	11.13	1445890	20.0
Heneicosane	13.13	7.6	ng	427787	5	14.76	1129070	20.0
Octadecane, 1-chl...	13.43	7.6	ng	427313	5	14.76	1129070	20.0
28-Nor-17.beta.(H...	17.56	33.8	ng	1701940	6	16.83	1008190	20.0
unknown17.95	17.95	18.1	ng	914019	6	16.83	1008190	20.0