LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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	4.624	255	257	261	rBV	312488	433251	8.50%	0.805%
2	4.693	261	263	268	rVB	602363	848979	16.66%	1.577%
3	5.116	298	300	309	rBV	1784339	2384336	46.78%	4.429%
4	5.253	311	312	316	rVB	49095	60137	1.18%	0.112%
5	5.539	335	337	341	rVB3	34408	52893	1.04%	0.098%
6	5.836	360	363	369	rVB2	30605	62438	1.23%	0.116%
7	6.030	377	380	384	rBV2	46067	110324	2.16%	0.205%
8	6.156	390	391	393	rBV	34561	51602	1.01%	0.096%
9	6.202	393	395	401	rBV	1497672	1584702	31.09%	2.943%
10	6.305	401	404	406	rBV	3996476	4075039	79.95%	7.569%
11	6.465	416	418	419	rBV2	79658	128648	2.52%	0.239%
12	6.522	422	423	428	rVB2	828449	1278853	25.09%	2.375%
13	6.682	435	437	442	rBV2	3098183	4113813	80.71%	7.641%
14	6.796	445	447	449	rVB	142159	195782	3.84%	0.364%
15	6.876	452	454	456	rBV	239686	287073	5.63%	0.533%
16	6.922	456	458	459	rBV	123047	96450	1.89%	0.179%
17	6.990	459	464	468	rVB5	40270	122081	2.40%	0.227%
18	7.105	468	474	480	rBV	3266701	4410681	86.54%	8.192%
19	7.185	480	481	483	rVB	104360	137506	2.70%	0.255%
20	7.230	483	485	487	rBV3	69272	98866	1.94%	0.184%
21	7.310	489	492	494	rBV2	338486	484645	9.51%	0.900%
22	7.402	498	500	502	rVB2	105443	152133	2.98%	0.283%
23	7.436	502	503	505	rBV2	81269	151659	2.98%	0.282%
24	7.482	505	507	511	rVB3	324328	505241	9.91%	0.938%
25	7.562	511	514	516	rBV3	186294	356960	7.00%	0.663%
26	7.608	516	518	519	rVB	63196	70529	1.38%	0.131%
27	7.653	519	522	524	rBV3	205405	305618	6.00%	0.568%
28	7.699	524	526	530	rBV4	91817	186274	3.65%	0.346%
29	7.756	530	531	534	rBV3	194148	356811	7.00%	0.663%
30	7.813	534	536	538	rVV	1271669	1504221	29.51%	2.794%
31	7.848	538	539	543	rVB3	312850	489500	9.60%	0.909%
32	7.916	543	545	547	rBV2	110557	134375	2.64%	0.250%
33	7.962	547	549	550	rBV	83767	123282	2.42%	0.229%
34	8.019	552	554	555	rBV	104455	101186	1.99%	0.188%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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	8.065	555	558	562	rBV6	323299	616611	12.10%	1.145%
36	8.202	567	570	572	rVB3	236913	344783	6.76%	0.640%
37	8.248	572	574	575	rBV2	179585	248335	4.87%	0.461%
38	8.293	577	578	580	rVV2	201899	203922	4.00%	0.379%
39	8.385	584	586	588	rBV2	195780	264062	5.18%	0.490%
40	8.453	590	592	593	rBV2	65630	65948	1.29%	0.122%
41	8.488	593	595	596	rBV2	152883	233964	4.59%	0.435%
42	8.590	602	604	606	rBV3	284534	535842	10.51%	0.995%
43	8.648	608	609	611	rVV2	123807	189230	3.71%	0.351%
44	8.819	621	624	625	rBV2	202837	346744	6.80%	0.644%
45	8.853	625	627	629	rVV3	289877	517796	10.16%	0.962%
46	8.899	629	631	636	rVB	4971190	5096890	100.00%	9.467%
47	9.185	654	656	658	rBV3	117161	230296	4.52%	0.428%
48	9.242	658	661	662	rVV2	186550	407720	8.00%	0.757%
49	9.311	665	667	672	rVV4	256954	735477	14.43%	1.366%
50	9.425	675	677	680	rVB4	167181	323037	6.34%	0.600%
51	9.528	683	686	687	rBV3	226919	478071	9.38%	0.888%
52	9.562	687	689	691	rVV	1607247	1565146	30.71%	2.907%
53	9.596	691	692	694	rVB2	213127	245201	4.81%	0.455%
54	9.768	704	707	709	rBV4	134403	262566	5.15%	0.488%
55	9.882	715	717	719	rBV	241388	285624	5.60%	0.531%
56	9.916	719	720	721	rVV	498507	383465	7.52%	0.712%
57	9.951	721	723	725	rVB2	252077	286945	5.63%	0.533%
58	10.008	725	728	730	rBV4	248980	412179	8.09%	0.766%
59	10.145	738	740	744	rBV5	129210	281856	5.53%	0.524%
60	10.271	749	751	754	rBV3	303320	428213	8.40%	0.795%
61	10.351	754	758	761	rVV2	3443514	4604981	90.35%	8.553%
62	10.408	761	763	768	rVV3	218833	391568	7.68%	0.727%
63	10.488	768	770	773	rVB3	130317	313104	6.14%	0.582%
64	10.716	788	790	793	rVB3	119180	189545	3.72%	0.352%
65	10.956	809	811	812	rVB	78128	88694	1.74%	0.165%
66	10.979	812	813	815	rBV	87720	111109	2.18%	0.206%
67	11.094	821	823	826	rVB	995102	1064153	20.88%	1.977%
68	11.151	826	828	831	rVV3	57836	107933	2.12%	0.200%
69	11.208	831	833	838	rVB	133864	200551	3.93%	0.373%
70	11.494	856	858	861	rVB	63459	80776	1.58%	0.150%
71	11.596	864	867	871	rBV	64882	126971	2.49%	0.236%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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	11.802	882	885	894	rVB	278916	436078	8.56%	0.810%
73	11.951	896	898	902	rBV4	29586	54627	1.07%	0.101%
74	12.865	976	978	983	rBV3	192275	307902	6.04%	0.572%
75	13.185	1002	1006	1009	rBV	2648400	3488441	68.44%	6.479%
76	14.614	1129	1131	1136	rBV	38335	74171	1.46%	0.138%
77	14.705	1136	1139	1142	rBV	732291	972497	19.08%	1.806%
78	16.774	1317	1320	1327	rBV	569443	779570	15.30%	1.448%

Sum of corrected areas: 53838482

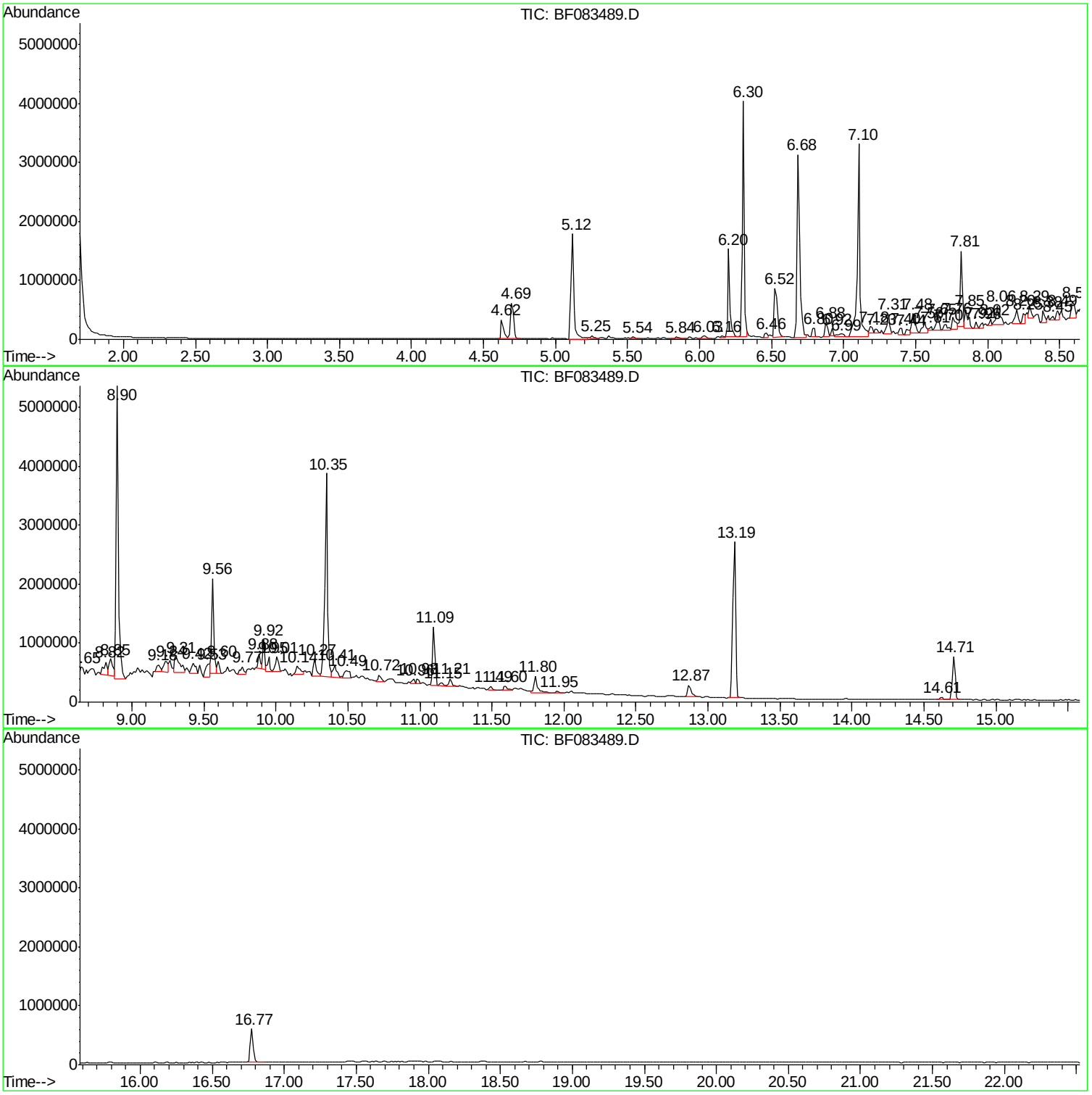
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

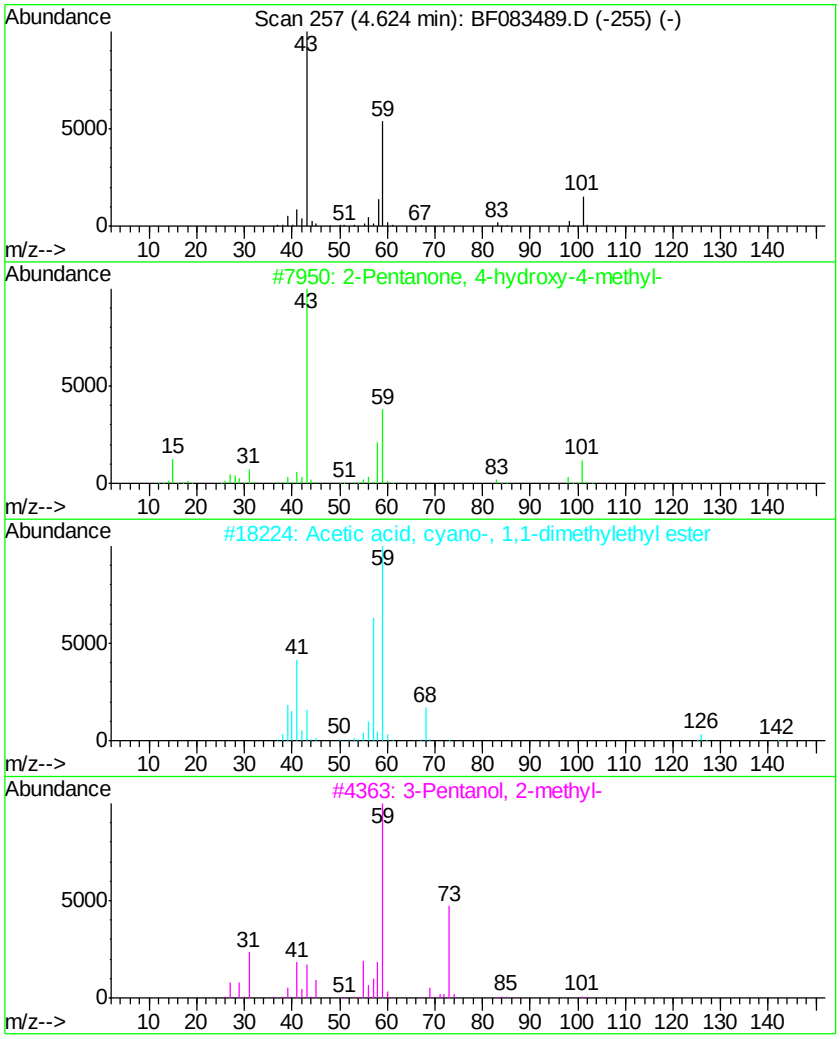
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

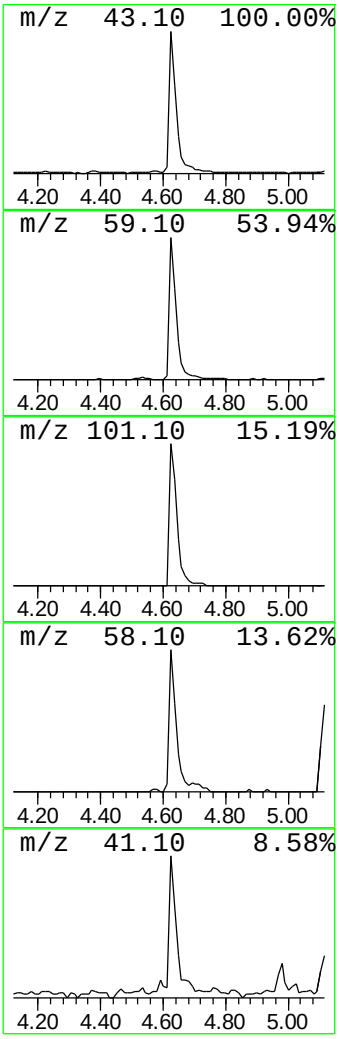
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	6.78 ng	433251	1,4-Dichlorobenzene-d4	6.53

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

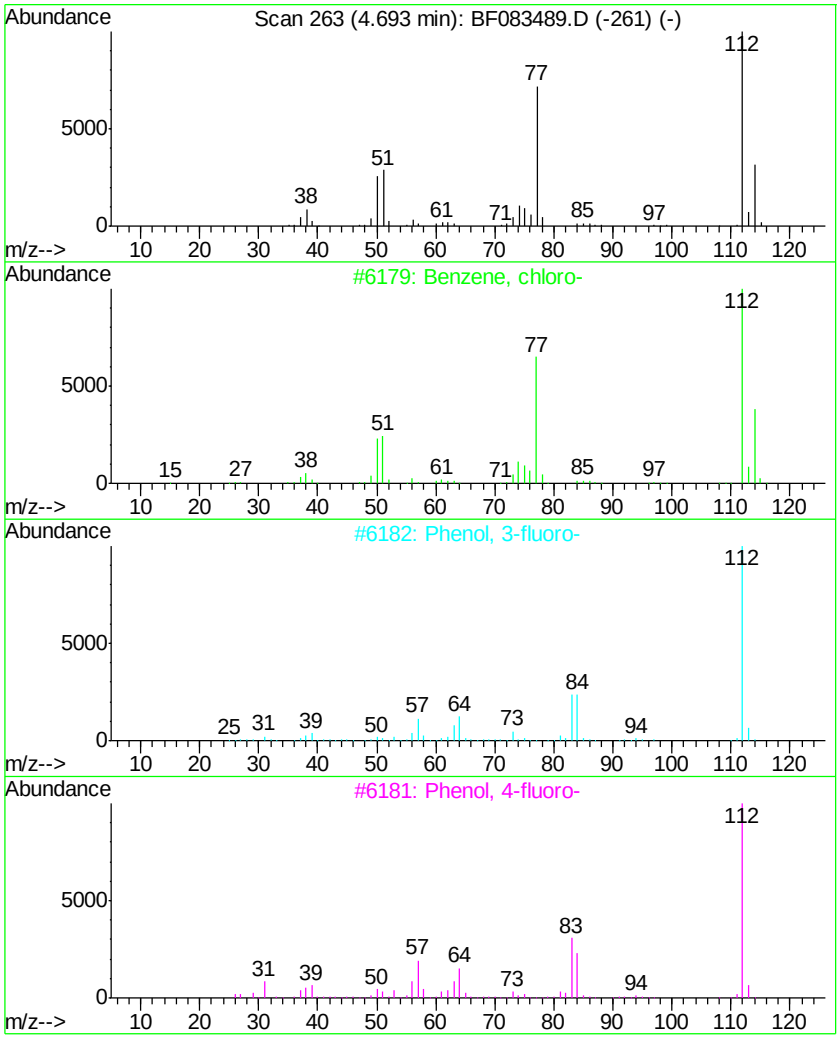
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

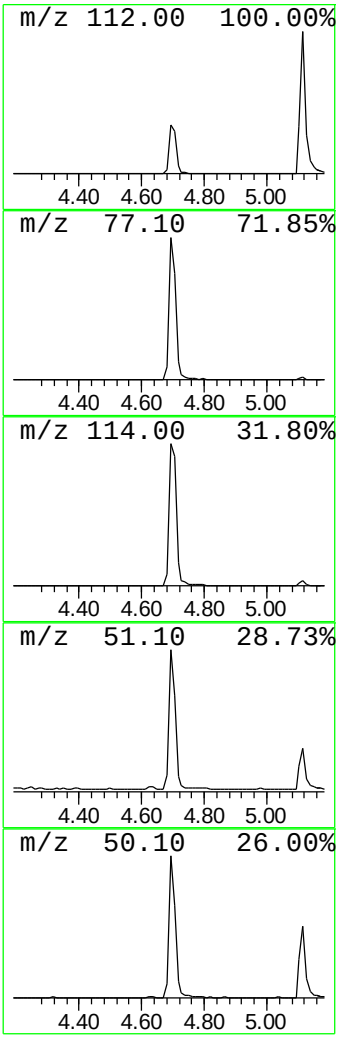
****

Peak Number 2 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	13.28 ng	848979	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	16
4	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	16
5	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

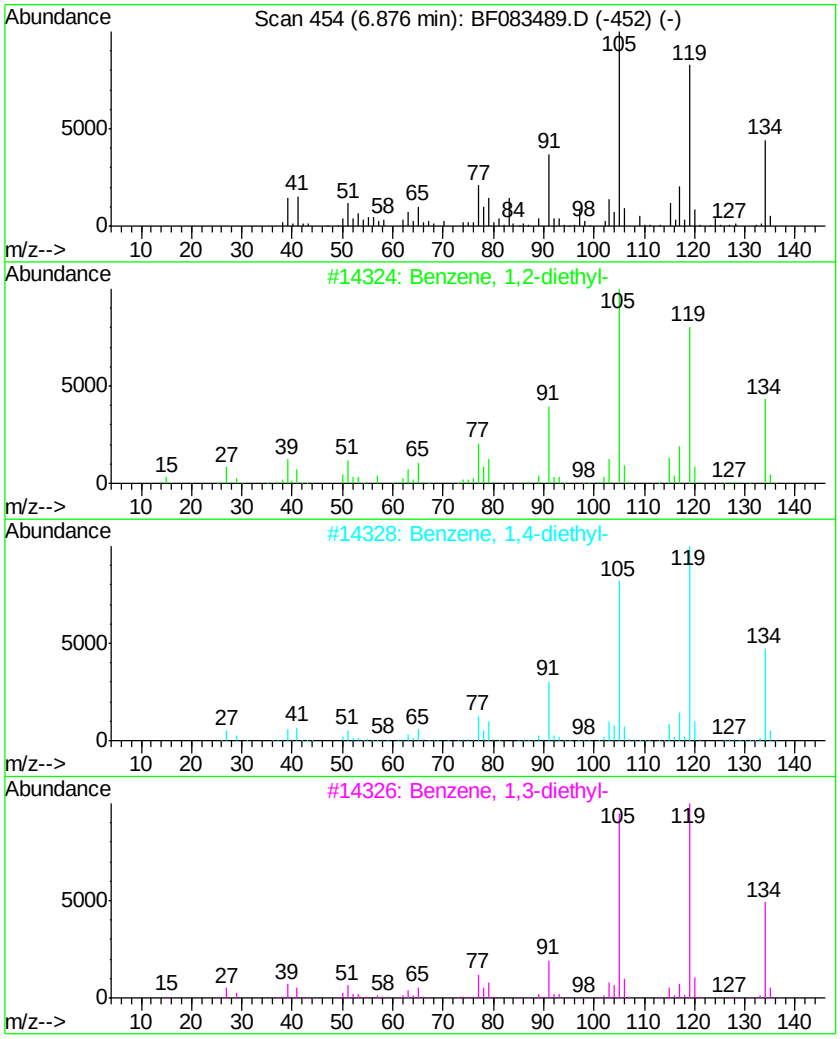
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

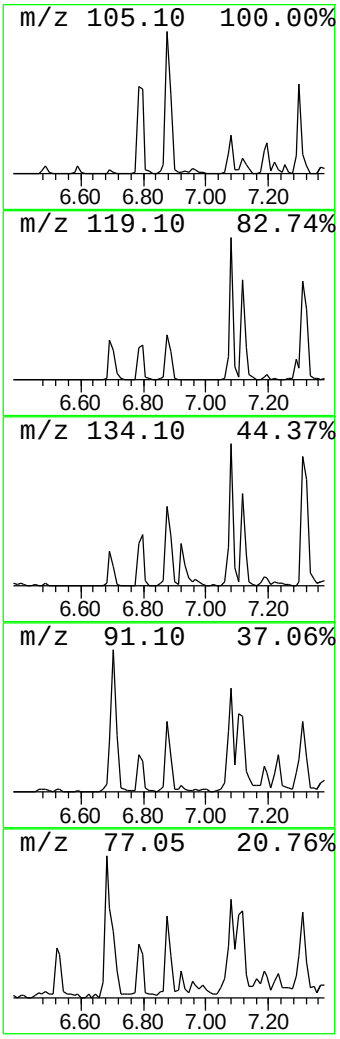
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	4.49 ng	287073	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	68
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

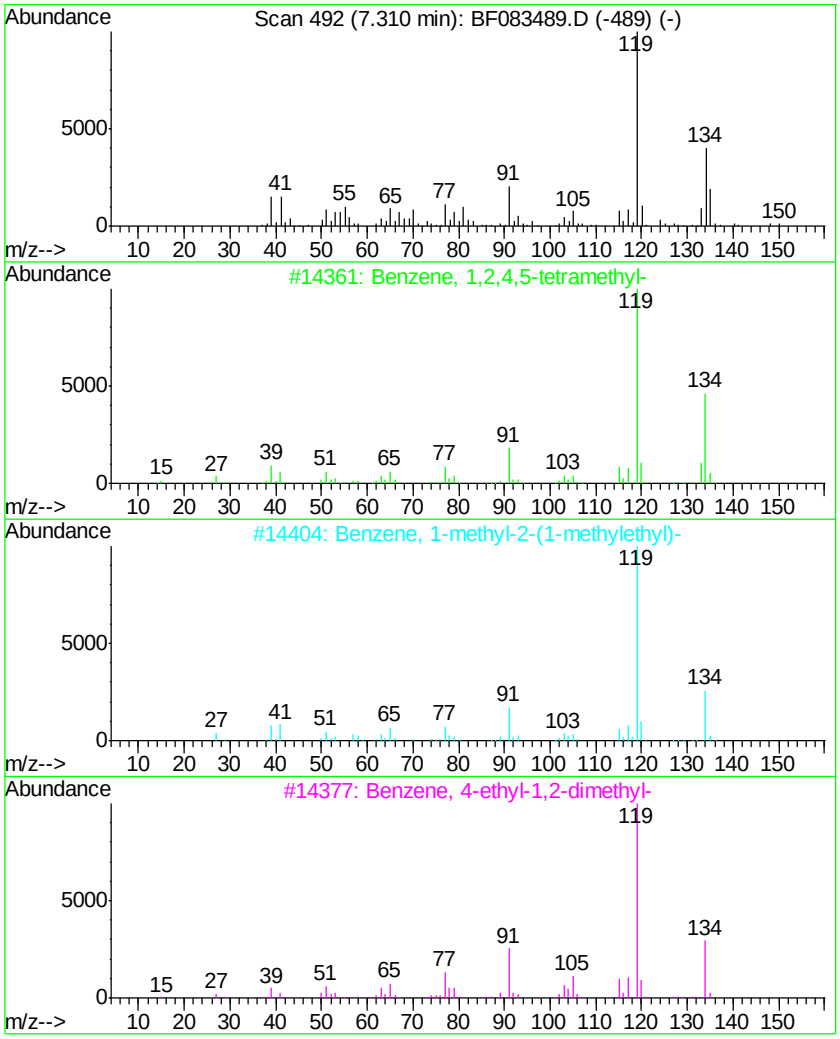
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

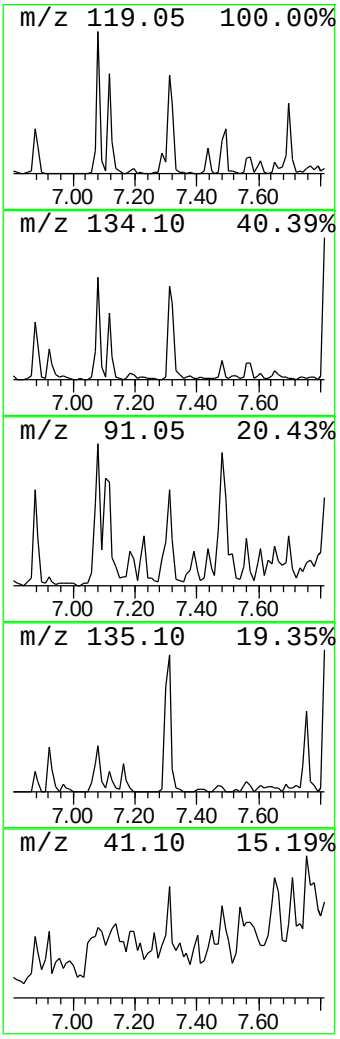
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	6.44 ng	484645	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

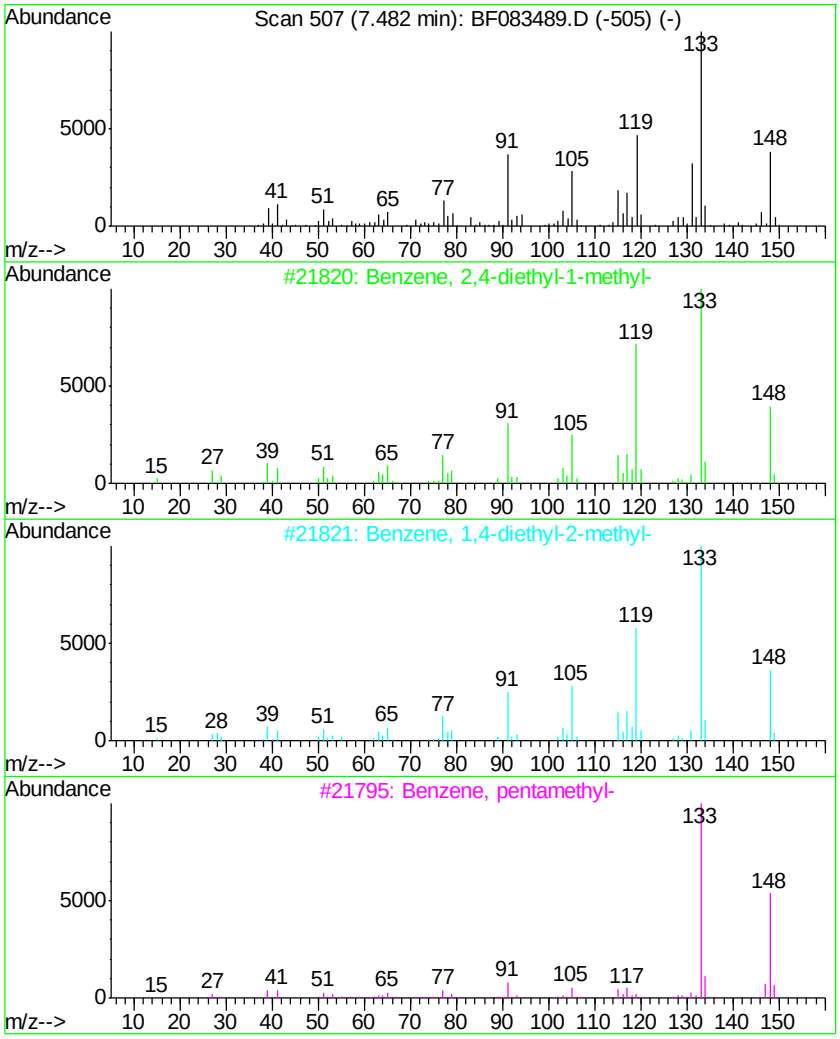
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

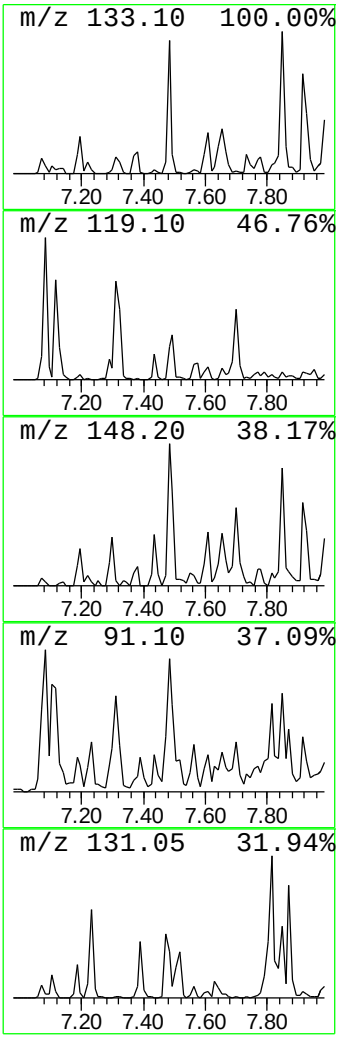
****

Peak Number 7 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	6.72 ng	505241	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	87
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	86
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

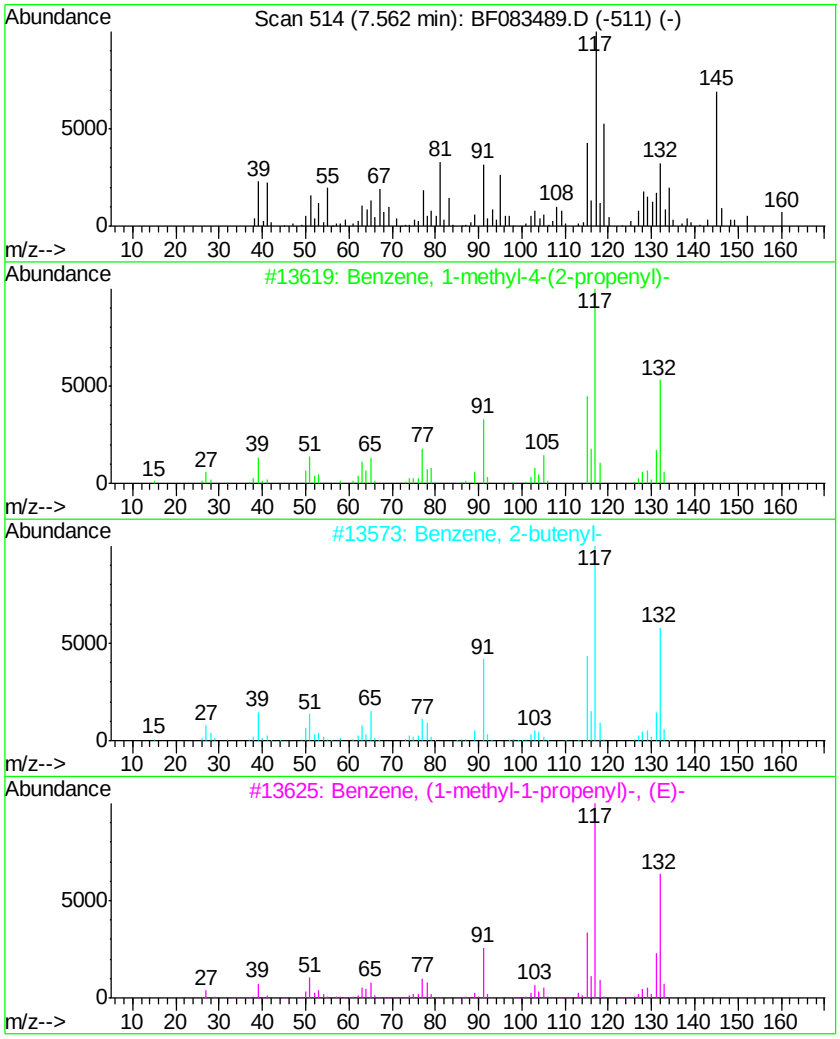
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

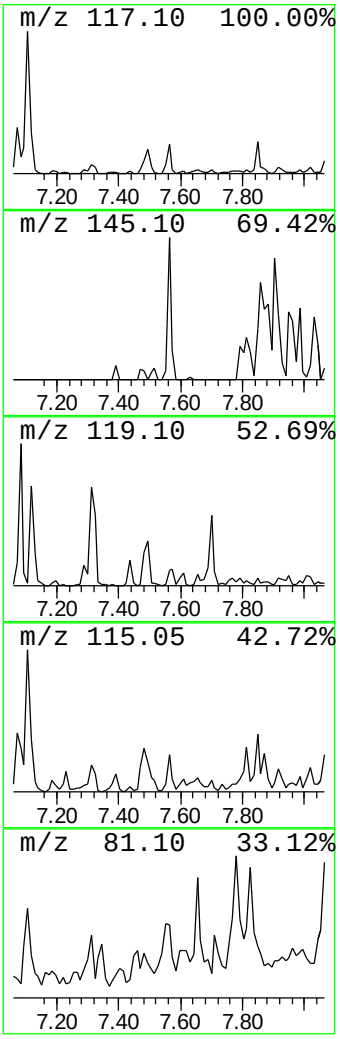
****

Peak Number 8 Benzene, 1-methyl-4-(2-prop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	4.75 ng	356960	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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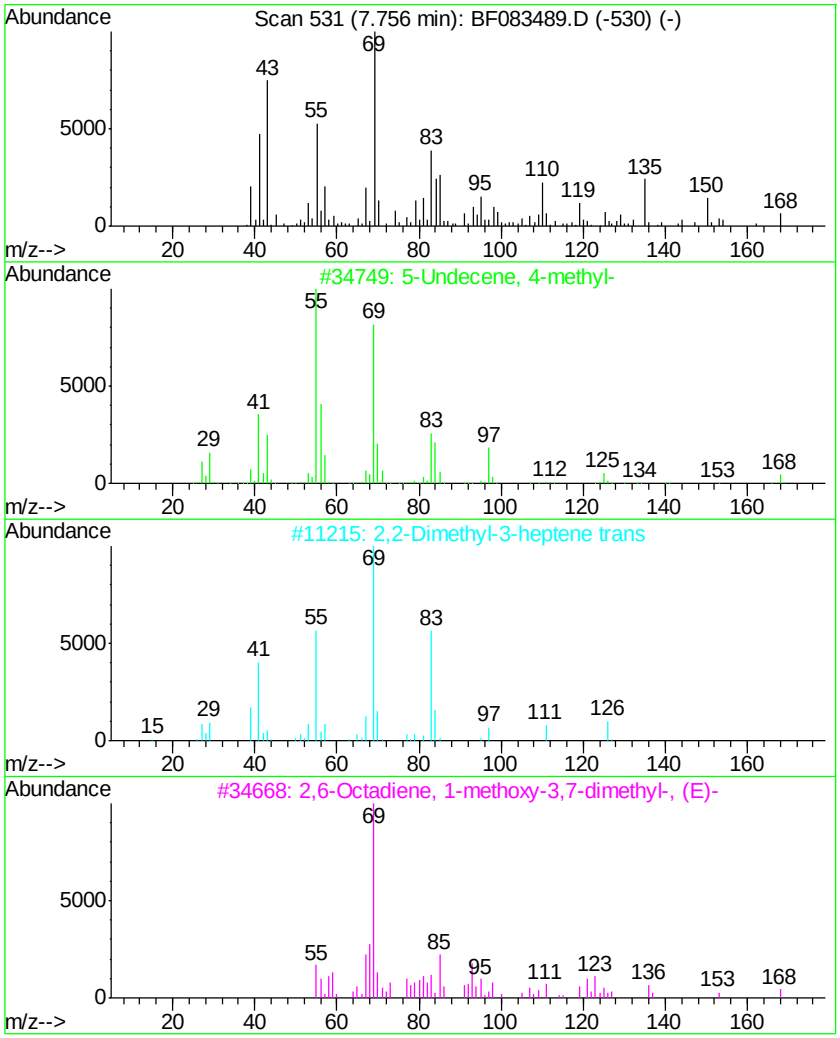
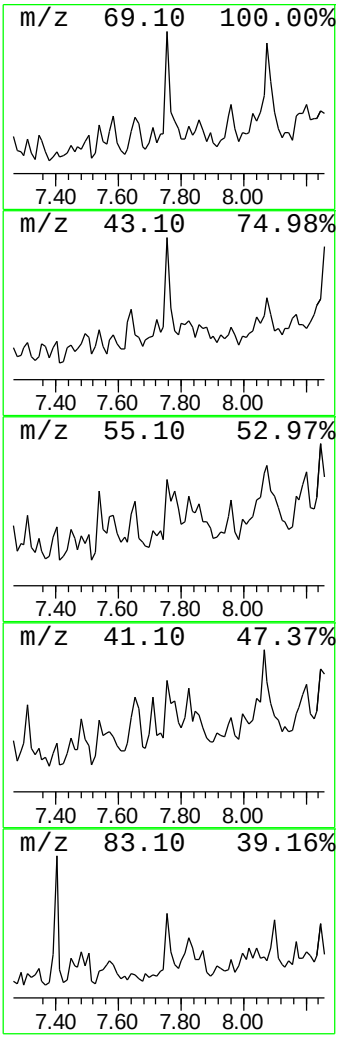
Peak Number 9 unknown7.76 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.74 ng	356811	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	49
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43
3	2,6-Octadiene, 1-methoxy-3,7-dim...	168	C11H20O	002565-82-4	38
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	38
5	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	35





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Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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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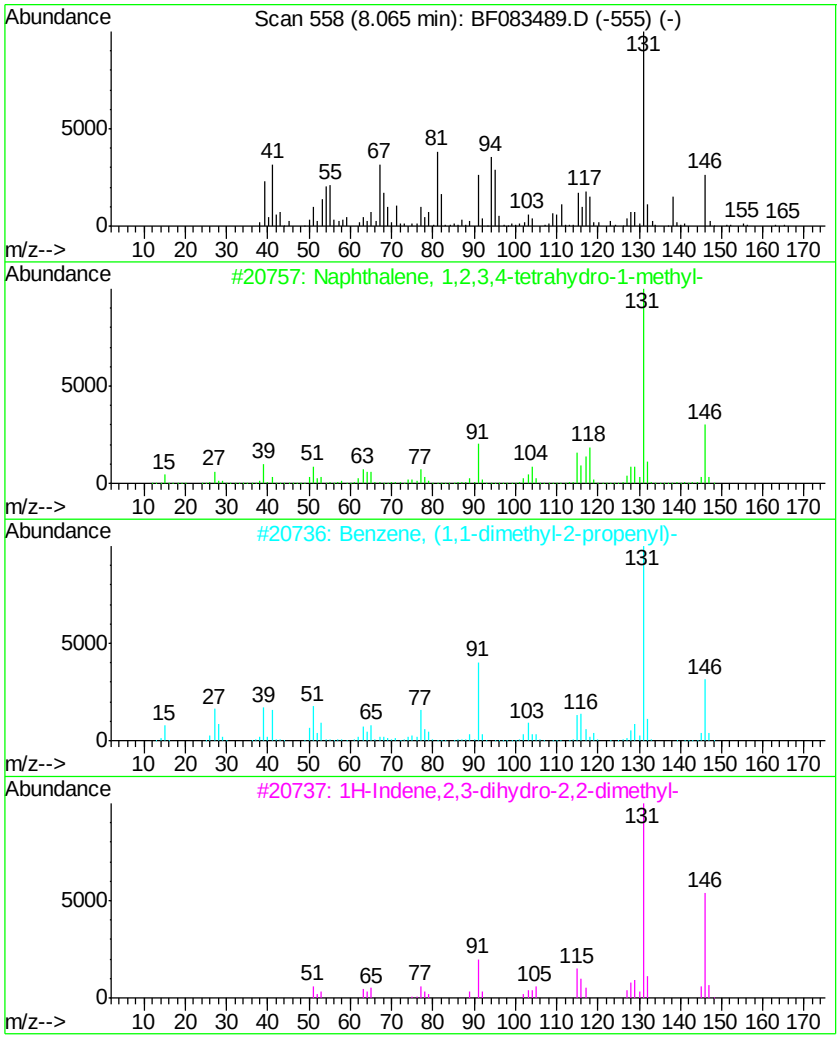
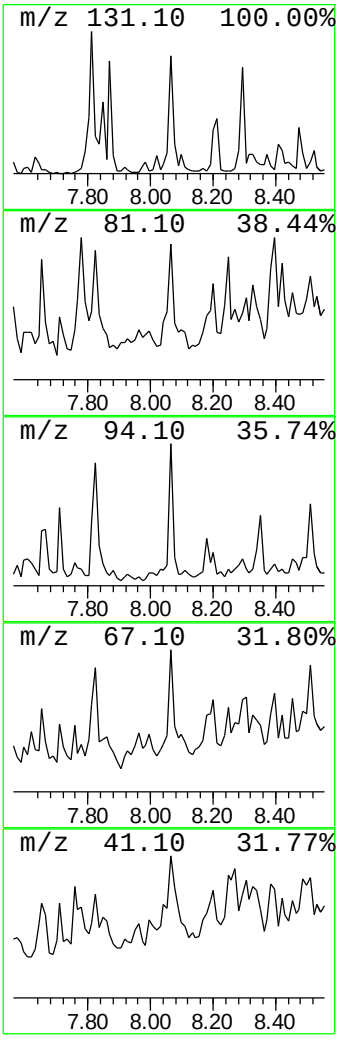
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	8.20 ng	616611	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	60
3	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	60
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	53
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53





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Sample : G4588-05
Misc :
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ClientSampleId : MW-01

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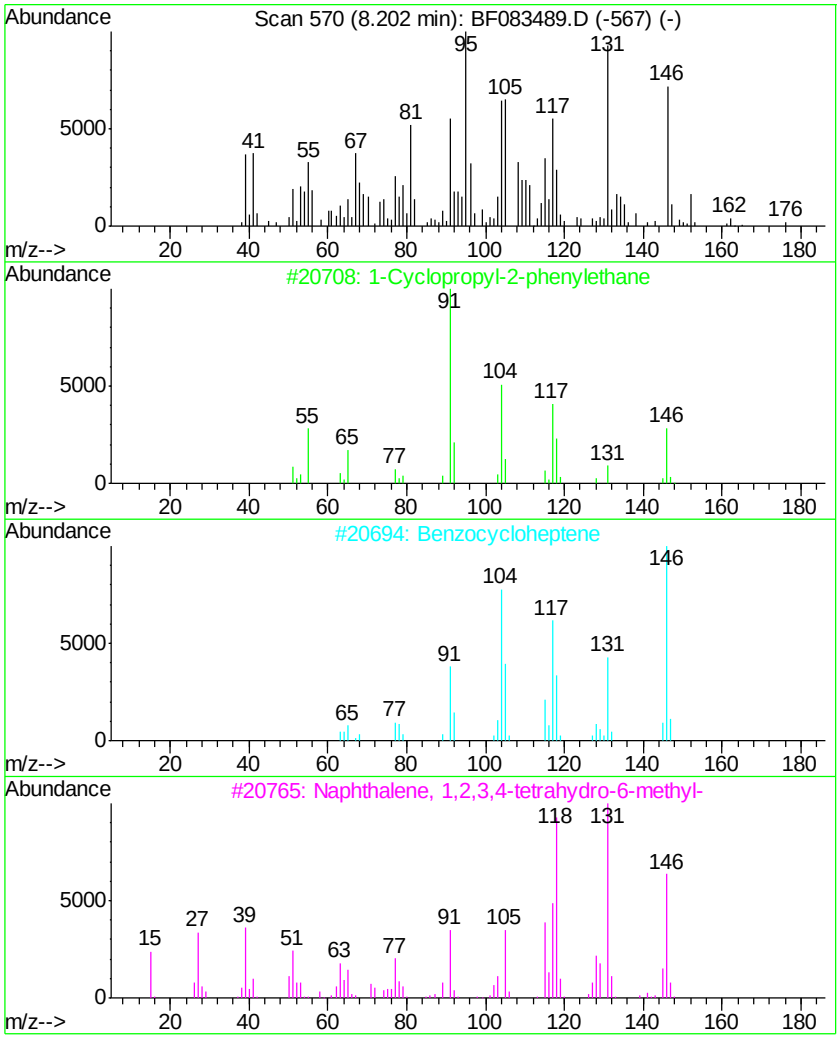
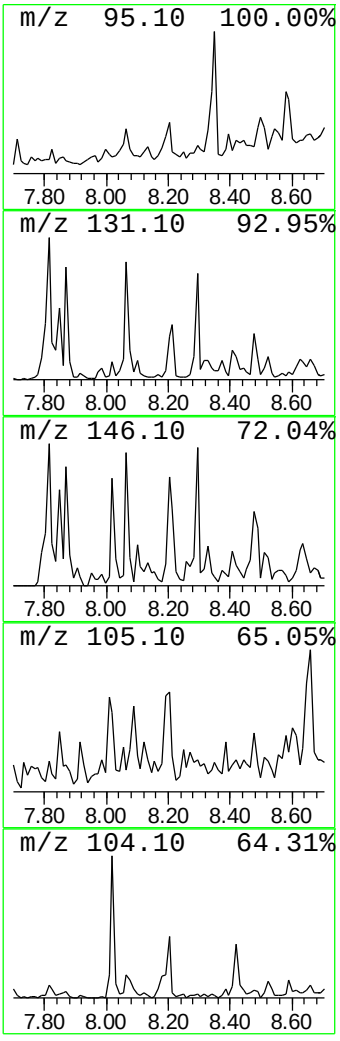
Peak Number 11 unknown8.20 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.58 ng	344783	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclopropyl-2-phenylethane	146	C11H14	037904-33-9	38
2	Benzocycloheptene	146	C11H14	001075-16-7	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	30
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	25





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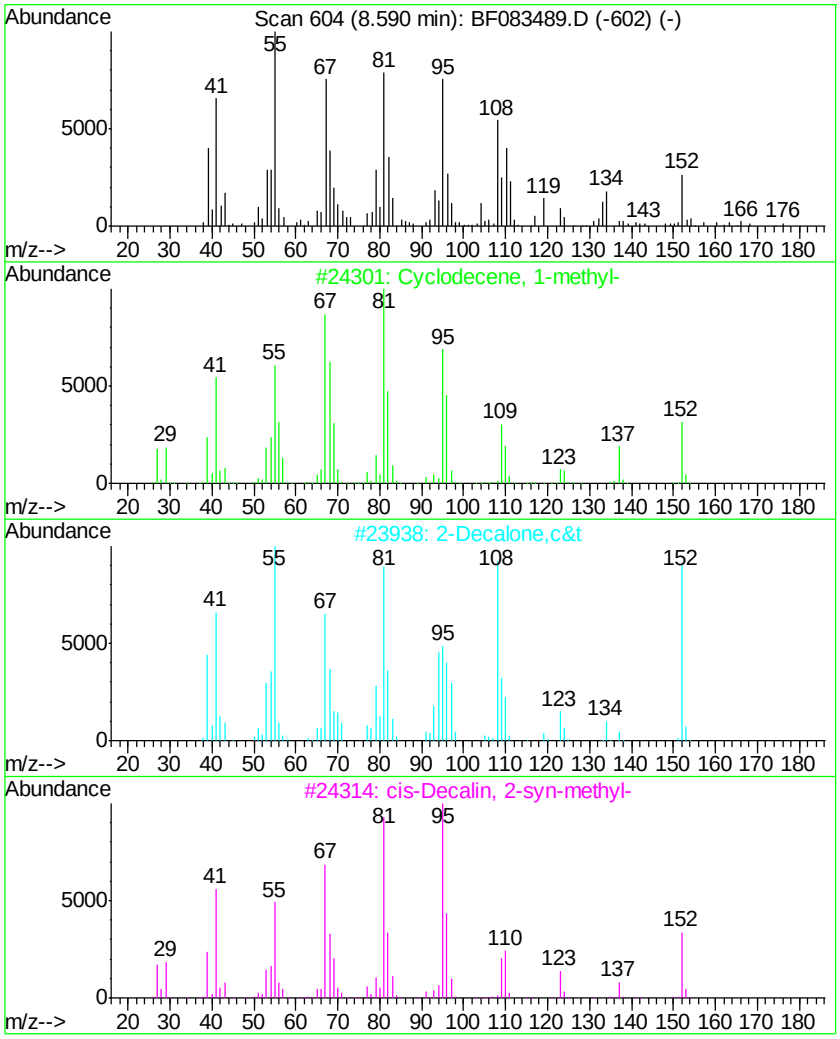
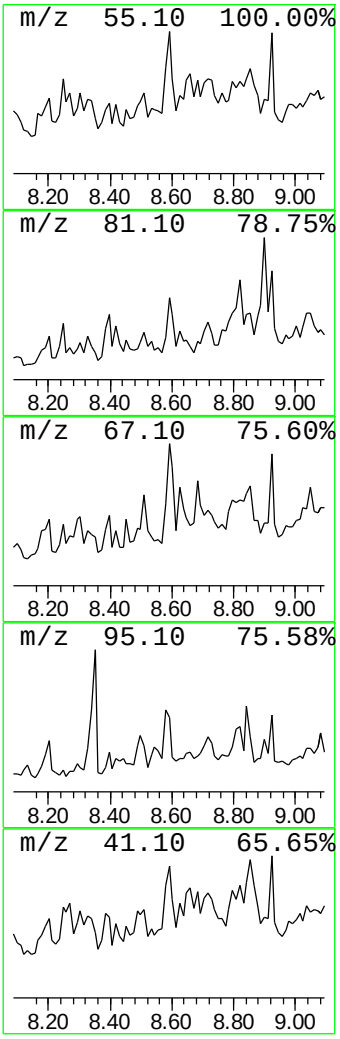
Peak Number 12 Cyclodecene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	7.12 ng	535842	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	86
2	2-Decalone,c&t	152	C10H16O	004832-17-1	83
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	62





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Misc :
ALS Vial : 31 Sample Multiplier: 1

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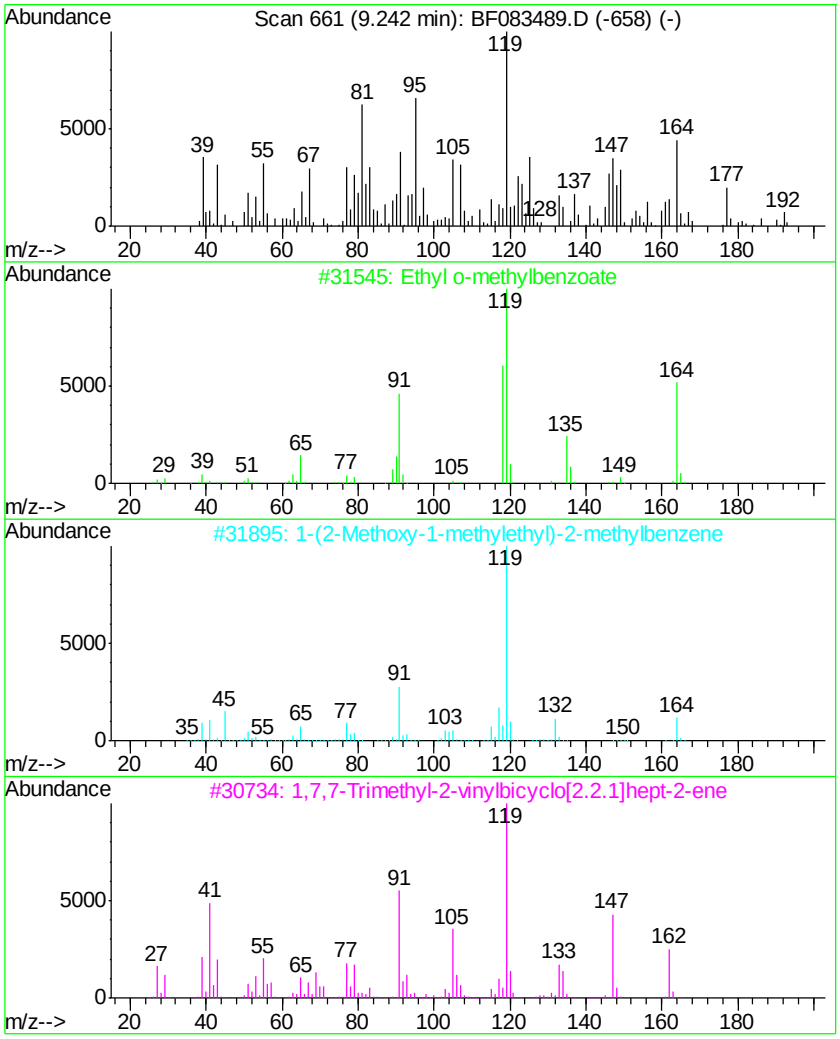
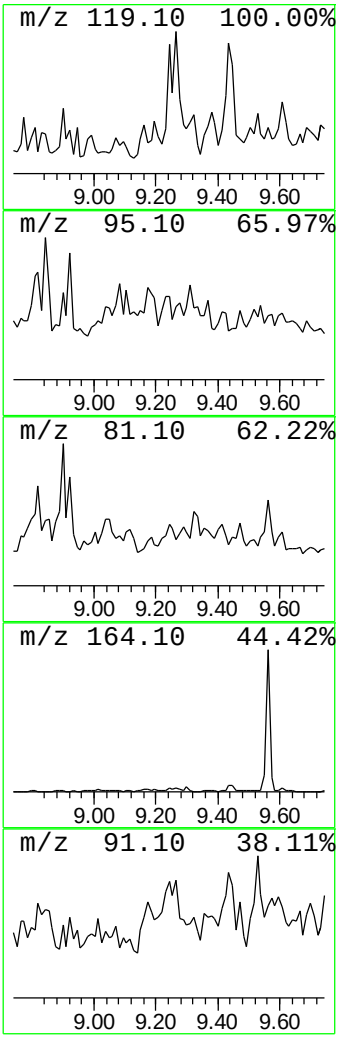
Peak Number 13 unknown9.24 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.21 ng	407720	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	38
2	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	30
3	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	30
4	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	25
5	N-Isopropyl-p-toluamide	177	C11H15NO	002144-17-4	25





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Sample : G4588-05
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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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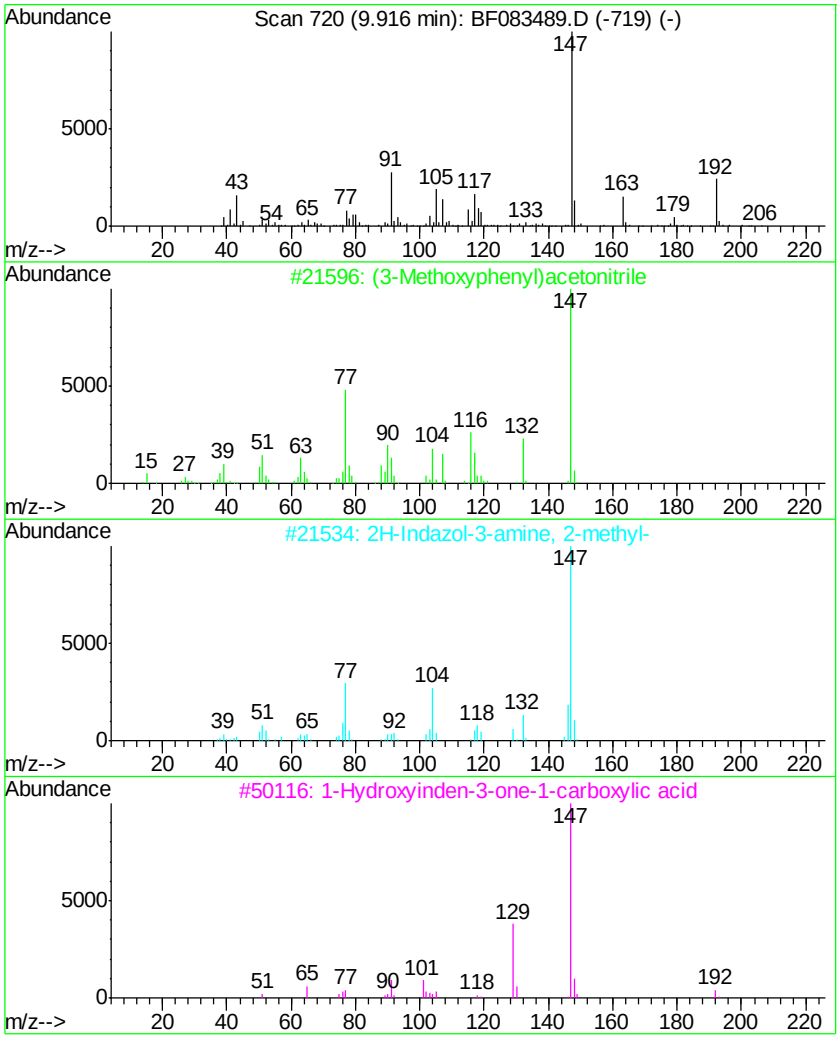
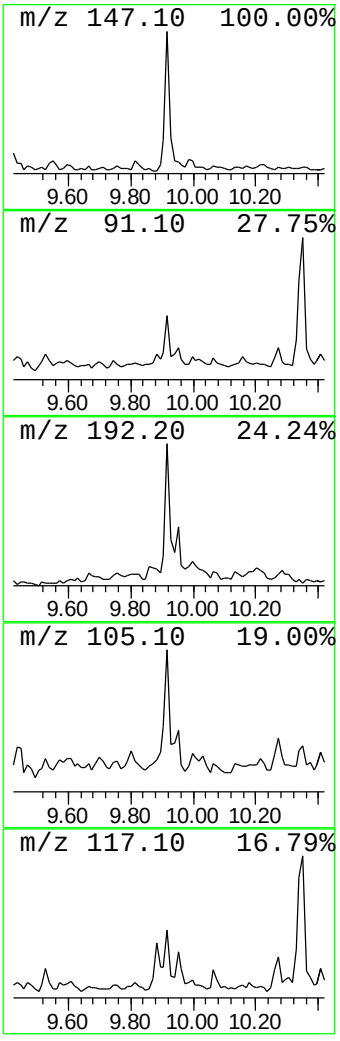
Peak Number 14 (3-Methoxyphenyl)acetonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	4.90 ng	383465	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	53
2	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	52
3	1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	50
4	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47
5	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	47





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Sample : G4588-05
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Instrument : BNA_F
ClientSampleId : MW-01

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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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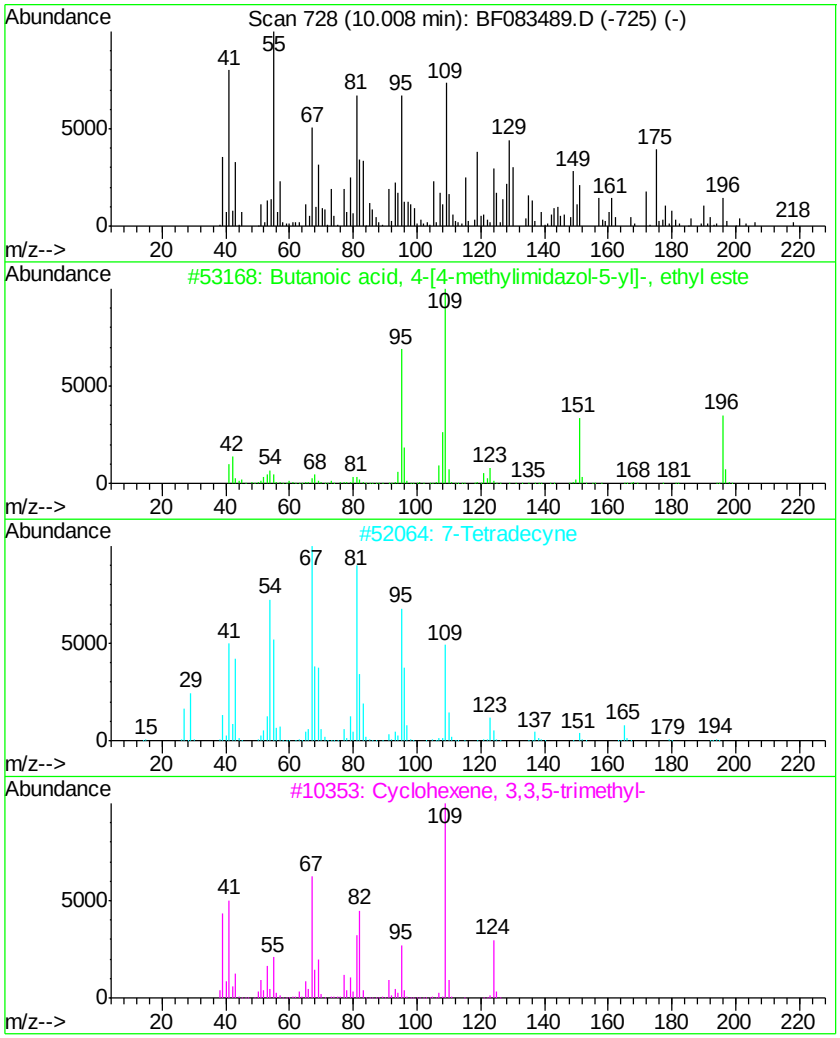
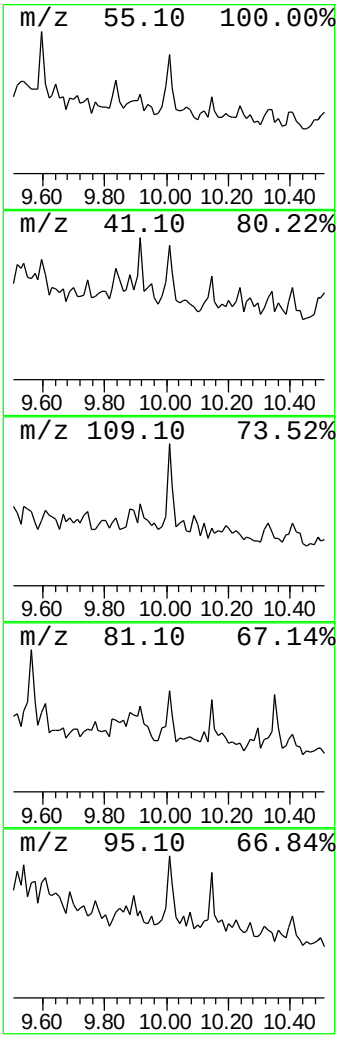
Peak Number 15 unknown10.01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	5.27 ng	412179	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	35
2	7-Tetradecyne	194	C14H26	035216-11-6	30
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	25
4	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	25
5	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	25





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Misc :
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TIC Integration Parameters: LSCINT.P

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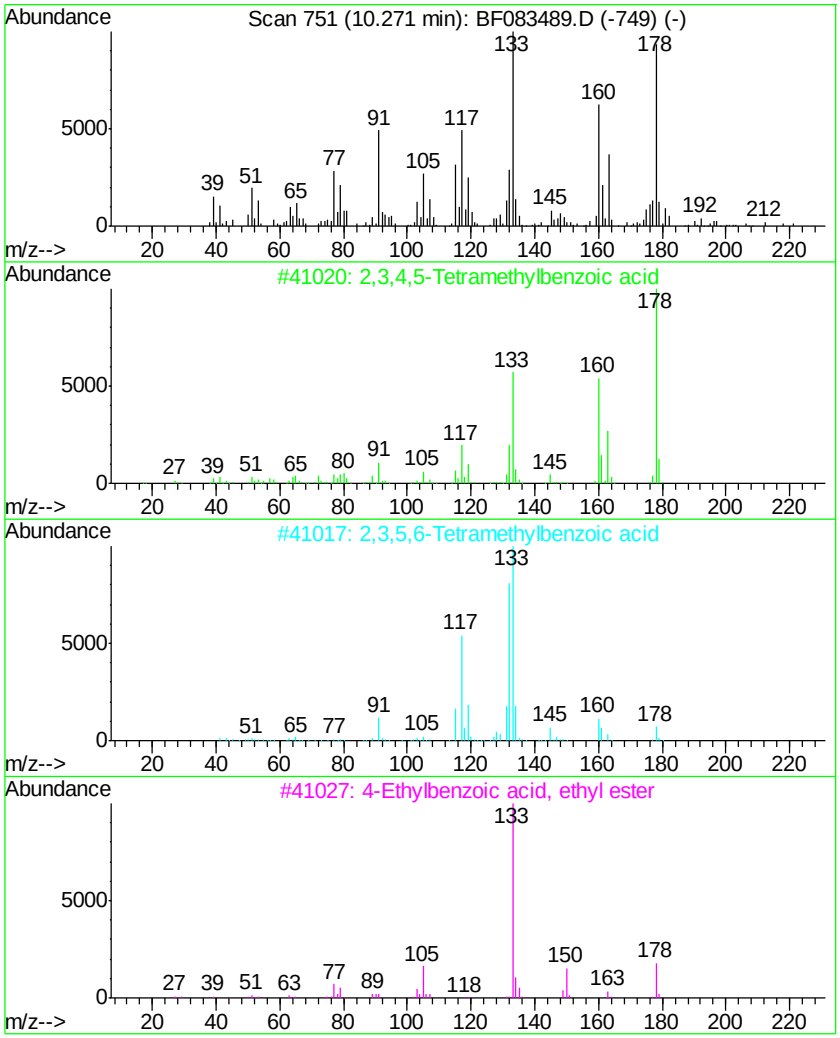
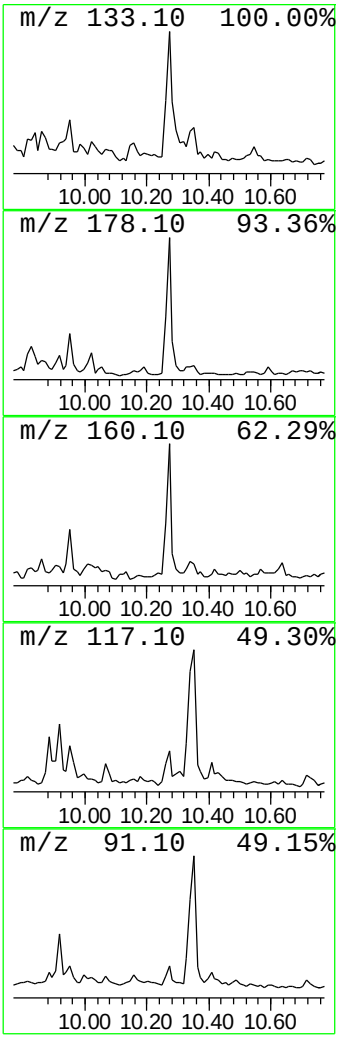
Peak Number 16 2,3,4,5-Tetramethylbenzoic ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	5.47 ng	428213	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	93
2	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	49
3	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	45
4	7-Methoxy-3,4-dihydro-2[1H]-quin...	178	C9H10N2O2	055687-29-1	35
5	1H-2-Benzopyran-1-one, 3,4-dihyd...	178	C10H10O3	000480-33-1	30





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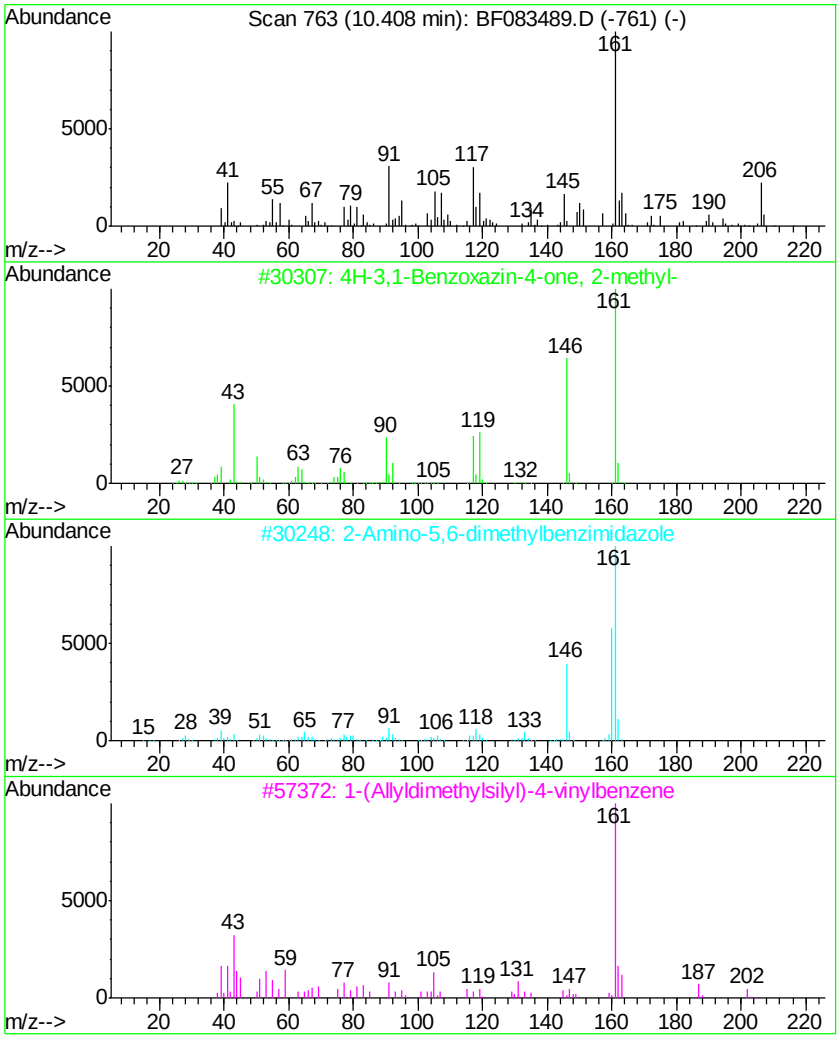
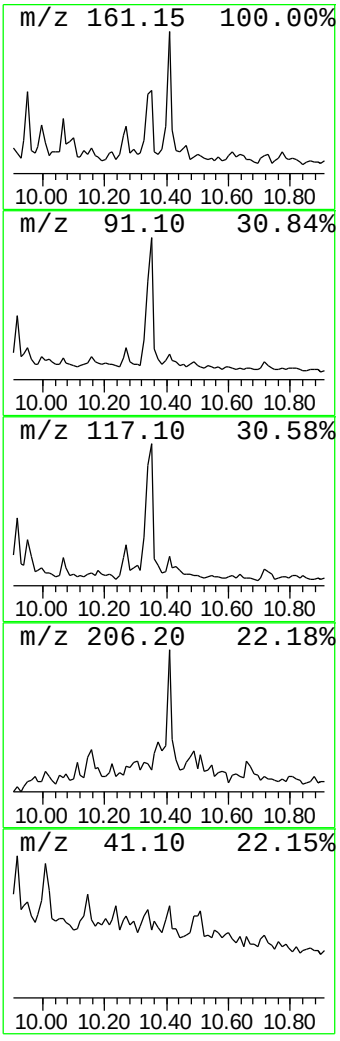
Peak Number 17 unknown10.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	7.36 ng	391568	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-3,1-Benzoxazin-4-one, 2-methyl-	161	C9H7NO2	054789-69-4	47
2	2-Amino-5,6-dimethylbenzimidazole	161	C9H11N3	029096-75-1	47
3	1-(Allyldimethylsilyl)-4-vinylbe...	202	C13H18Si	018052-72-7	47
4	2,4-Quinolinediol	161	C9H7NO2	000086-95-3	47
5	n-Propylnornicotine	190	C12H18N2	091907-45-8	43





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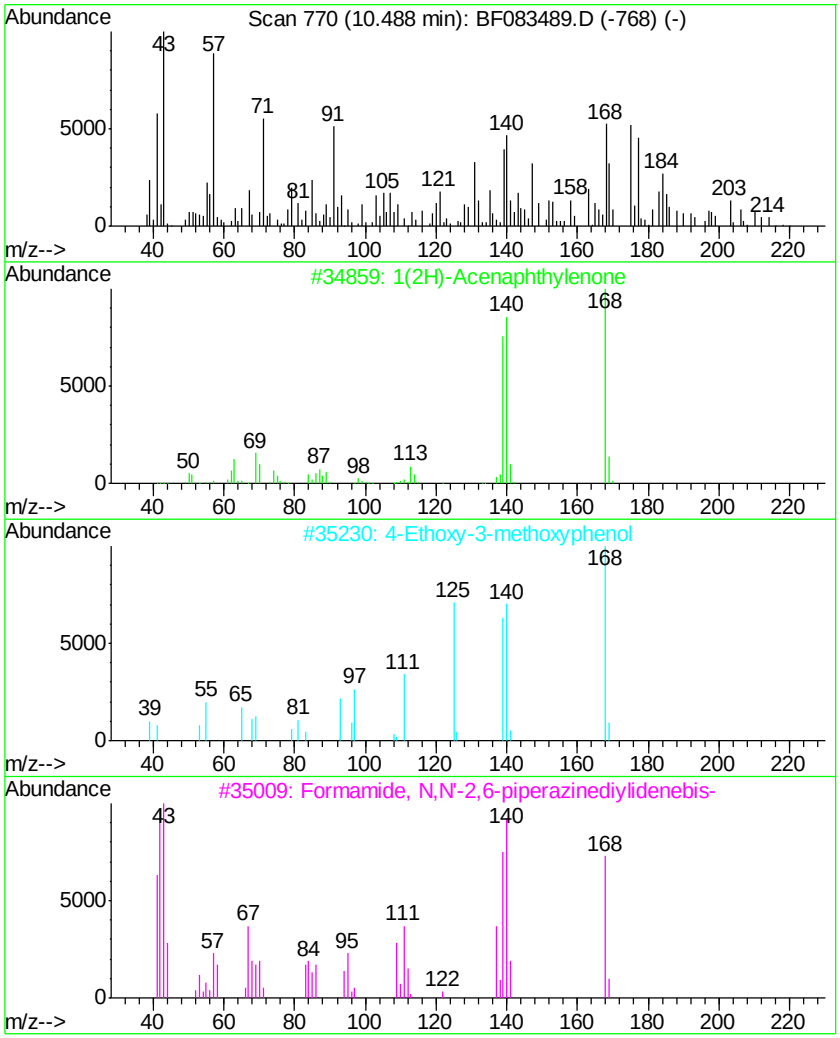
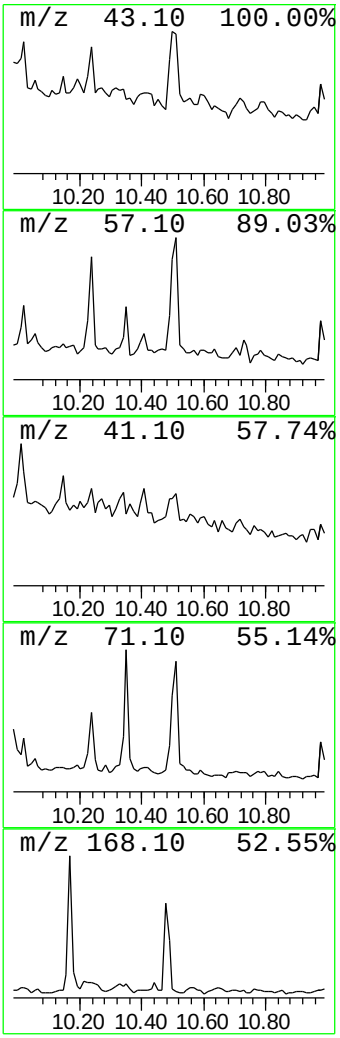
Peak Number 18 unknown10.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	5.88 ng	313104	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	38
2	4-Ethoxy-3-methoxyphenol	168	C9H12O3	065383-58-6	30
3	Formamide, N,N'-2,6-piperazinedi...	168	C6H8N4O2	035975-28-1	27
4	2,6-Bis(chloromethyl)pyridine	175	C7H7Cl2N	003099-28-3	25
5	5,6-Dihydroxythieno(3,4-b)pyrazine	168	C6H4N2O2S	090070-10-3	18





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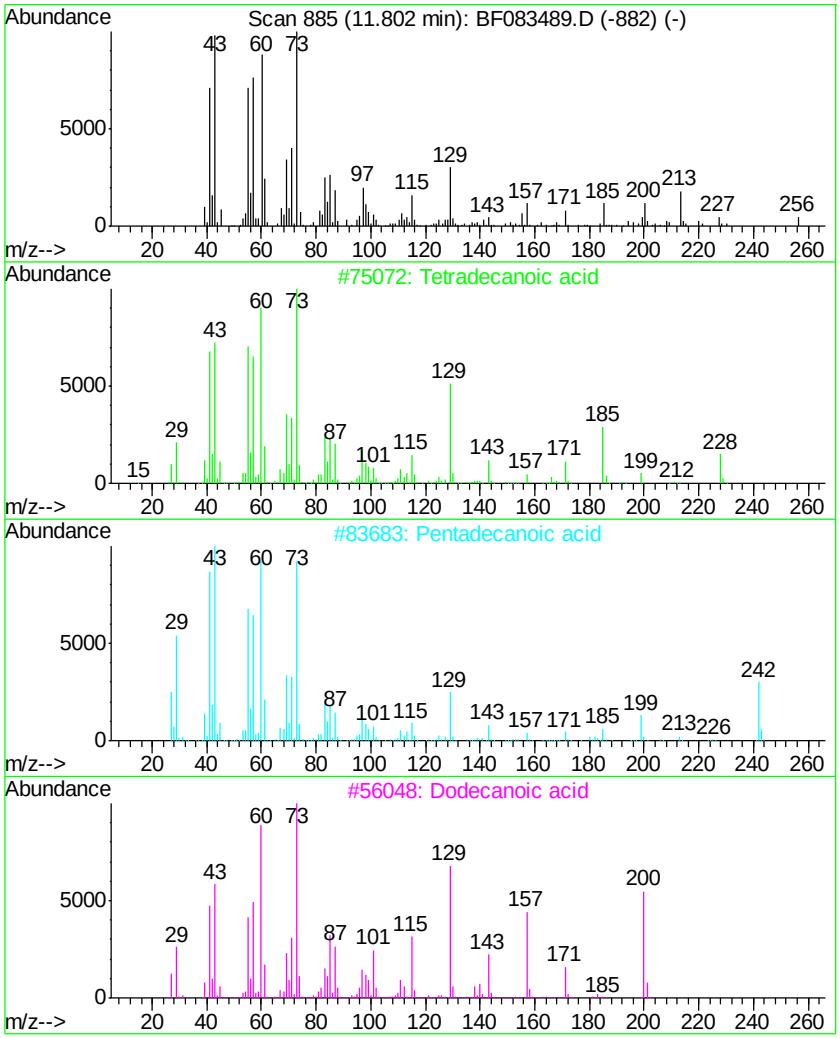
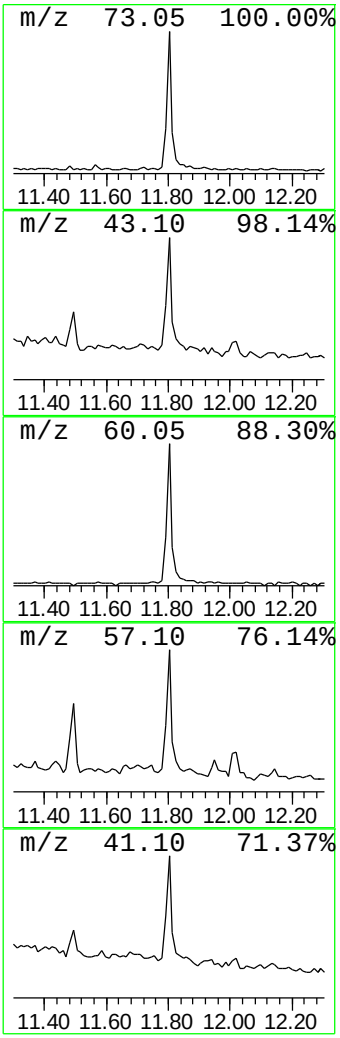
Peak Number 19 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.20 ng	436078	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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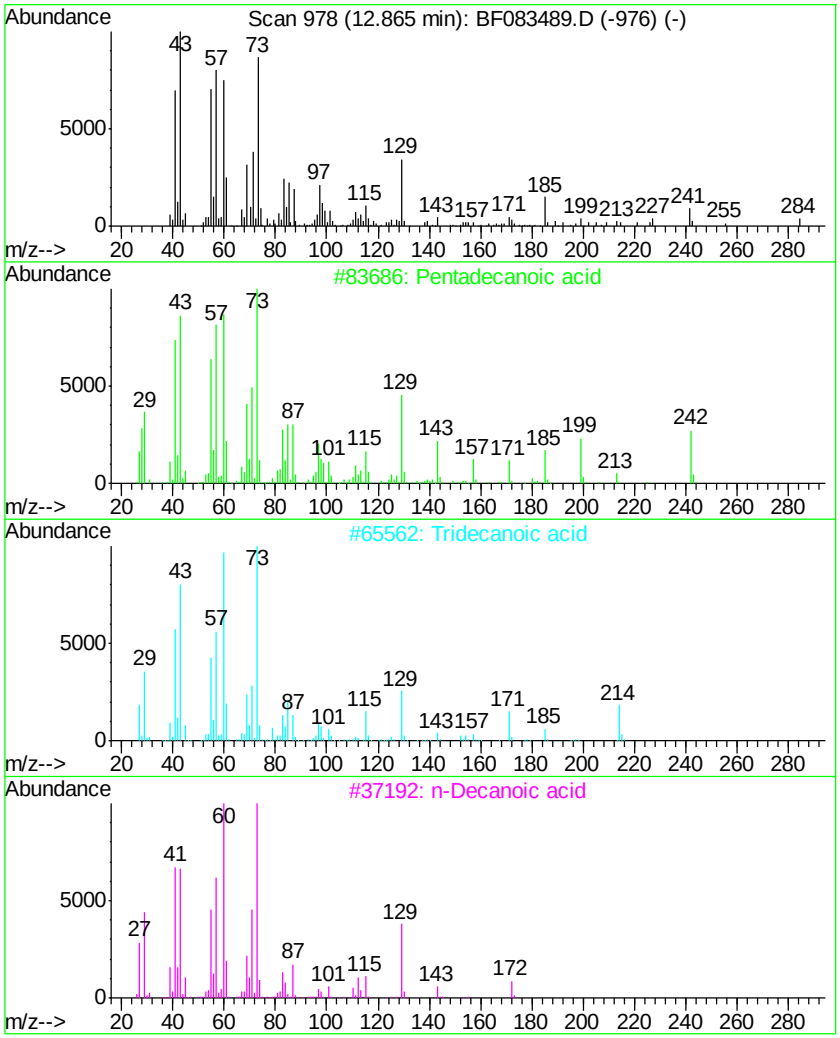
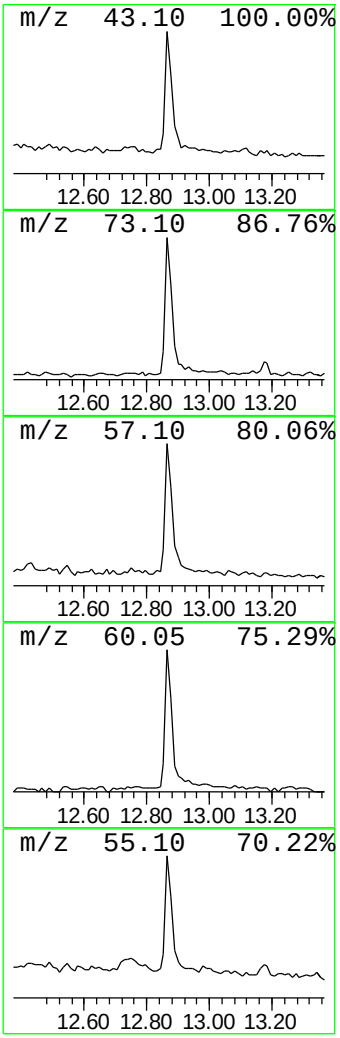
Peak Number 20 Pentadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.79 ng	307902	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Hexadecane	226	C16H34	000544-76-3	56
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083489.D
Acq On : 4 Dec 2015 6:00
Operator : UM/IZ
Sample : G4588-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.62	6.8	ng	433251	1	6.53	1278850	20.0
Benzene, chloro-	4.69	13.3	ng	848979	1	6.53	1278850	20.0
Benzene, 1,2-diet...	6.88	4.5	ng	287073	1	6.53	1278850	20.0
Benzene, 1,2,4,5-...	7.31	6.4	ng	484645	2	7.81	1504220	20.0
Benzene, 2,4-diet...	7.48	6.7	ng	505241	2	7.81	1504220	20.0
Benzene, 1-methyl...	7.56	4.8	ng	356960	2	7.81	1504220	20.0
unknown7.76	7.76	4.7	ng	356811	2	7.81	1504220	20.0
Naphthalene, 1,2,...	8.06	8.2	ng	616611	2	7.81	1504220	20.0
unknown8.20	8.20	4.6	ng	344783	2	7.81	1504220	20.0
Cyclodecene, 1-me...	8.59	7.1	ng	535842	2	7.81	1504220	20.0
unknown9.24	9.24	5.2	ng	407720	3	9.56	1565150	20.0
(3-Methoxyphenyl)...	9.92	4.9	ng	383465	3	9.56	1565150	20.0
unknown10.01	10.01	5.3	ng	412179	3	9.56	1565150	20.0
2,3,4,5-Tetrameth...	10.27	5.5	ng	428213	3	9.56	1565150	20.0
unknown10.41	10.41	7.4	ng	391568	4	11.09	1064150	20.0
unknown10.49	10.49	5.9	ng	313104	4	11.09	1064150	20.0
Tetradecanoic acid	11.80	8.2	ng	436078	4	11.09	1064150	20.0
Pentadecanoic acid	12.87	5.8	ng	307902	4	11.09	1064150	20.0