LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.678	6	8	12	rVB	46851	73446	2.18%	0.133%
2	1.735	12	13	22	rVV	146763	268487	7.98%	0.487%
3	1.861	22	24	50	rVB	1700877	3094333	91.97%	5.614%
4	3.553	169	172	179	rBV	142755	254507	7.56%	0.462%
5	4.959	293	295	298	rBV	74839	105689	3.14%	0.192%
6	5.381	330	332	335	rVB	1211923	1246022	37.03%	2.261%
7	5.553	345	347	351	rVB2	134648	144347	4.29%	0.262%
8	5.827	369	371	373	rVB	281272	233951	6.95%	0.424%
9	5.953	379	382	384	rVB2	117772	133498	3.97%	0.242%
10	6.044	388	390	393	rVB	42151	75267	2.24%	0.137%
11	6.113	393	396	399	rBV2	82213	145416	4.32%	0.264%
12	6.250	407	408	410	rVB	116741	91084	2.71%	0.165%
13	6.433	421	424	426	rVB	1176565	1223102	36.35%	2.219%
14	6.513	428	431	433	rBV4	24547	59108	1.76%	0.107%
15	6.570	433	436	438	rBV	2037272	2436217	72.41%	4.420%
16	6.673	443	445	448	rVB2	53310	72156	2.14%	0.131%
17	6.753	448	452	454	rBV4	97094	233044	6.93%	0.423%
18	6.799	454	456	460	rVB	838448	883152	26.25%	1.602%
19	6.879	460	463	466	rBV3	33044	73613	2.19%	0.134%
20	6.959	467	470	471	rBV	2200757	2206787	65.59%	4.004%
21	6.982	471	472	473	rVB	172850	118489	3.52%	0.215%
22	7.005	473	474	476	rVB	62125	70535	2.10%	0.128%
23	7.050	476	478	483	rVB2	251694	341679	10.16%	0.620%
24	7.142	483	486	489	rBV	193771	351802	10.46%	0.638%
25	7.199	489	491	492	rBV	104405	114037	3.39%	0.207%
26	7.233	492	494	499	rVB5	36258	68826	2.05%	0.125%
27	7.370	499	506	511	rBV4	1901930	3364581	100.00%	6.104%
28	7.450	511	513	515	rBV2	292482	340805	10.13%	0.618%
29	7.496	515	517	518	rBV	152811	136068	4.04%	0.247%
30	7.576	521	524	526	rVB	823519	828438	24.62%	1.503%
31	7.610	526	527	530	rBV3	118502	174768	5.19%	0.317%
32	7.702	532	535	536	rBV2	80115	110131	3.27%	0.200%
33	7.747	536	539	543	rVB4	256823	728704	21.66%	1.322%
34	7.827	543	546	551	rBV	825386	1084115	32.22%	1.967%

LSC Area Percent Report

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Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.919	551	554	556	rBV2	569753	727052	21.61%	1.319%
36	7.976	556	559	560	rBV2	364948	415811	12.36%	0.754%
37	8.022	562	563	565	rVB2	126205	152795	4.54%	0.277%
38	8.090	565	569	572	rBV2	1421138	1896455	56.37%	3.441%
39	8.182	575	577	579	rVB3	107473	127859	3.80%	0.232%
40	8.262	582	584	585	rBV2	100603	189600	5.64%	0.344%
41	8.296	585	587	589	rBV2	75105	89354	2.66%	0.162%
42	8.342	589	591	592	rBV	177073	213196	6.34%	0.387%
43	8.387	592	595	596	rVB2	101761	181312	5.39%	0.329%
44	8.433	596	599	601	rBV3	131272	284002	8.44%	0.515%
45	8.479	601	603	605	rVB2	190305	219345	6.52%	0.398%
46	8.525	605	607	609	rBV2	313884	514558	15.29%	0.934%
47	8.559	609	610	612	rVB	260122	182603	5.43%	0.331%
48	8.593	612	613	615	rVB2	139421	111997	3.33%	0.203%
49	8.639	615	617	620	rBV3	126918	265272	7.88%	0.481%
50	8.685	620	621	622	rBV	72481	56899	1.69%	0.103%
51	8.753	623	627	628	rBV2	329801	438869	13.04%	0.796%
52	8.788	628	630	632	rVB	324412	418188	12.43%	0.759%
53	8.833	632	634	635	rBV	136347	210165	6.25%	0.381%
54	8.868	635	637	638	rVV	403107	421656	12.53%	0.765%
55	8.902	638	640	642	rVV	1168622	1203807	35.78%	2.184%
56	8.936	642	643	645	rVB2	75411	84733	2.52%	0.154%
57	9.039	651	652	653	rBV	141548	113598	3.38%	0.206%
58	9.085	654	656	657	rVV2	156416	154797	4.60%	0.281%
59	9.119	657	659	661	rVV	586575	619987	18.43%	1.125%
60	9.176	661	664	665	rVV	2092929	3047663	90.58%	5.529%
61	9.245	668	670	673	rBV3	265832	429536	12.77%	0.779%
62	9.428	684	686	689	rBV3	339662	631456	18.77%	1.146%
63	9.508	690	693	694	rVV	516894	831011	24.70%	1.508%
64	9.553	696	697	698	rVV	518995	536585	15.95%	0.973%
65	9.576	698	699	700	rVV	723899	578827	17.20%	1.050%
66	9.610	700	702	705	rVV4	268316	657424	19.54%	1.193%
67	9.713	709	711	713	rVV3	179662	313319	9.31%	0.568%
68	9.759	713	715	716	rVV	334719	313832	9.33%	0.569%
69	9.793	716	718	719	rVB2	71251	75053	2.23%	0.136%
70	9.839	719	722	724	rBV	858246	1282136	38.11%	2.326%
71	9.885	724	726	727	rVB	490001	631832	18.78%	1.146%

LSC Area Percent Report

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Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.045	738	740	741	rVB2	210025	176554	5.25%	0.320%
73	10.193	748	753	754	rBV	935503	1753967	52.13%	3.182%
74	10.216	754	755	757	rVV2	249964	317251	9.43%	0.576%
75	10.285	759	761	764	rVV2	176862	282943	8.41%	0.513%
76	10.353	764	767	768	rVV2	327748	568195	16.89%	1.031%
77	10.422	771	773	775	rVV3	208771	301572	8.96%	0.547%
78	10.502	778	780	782	rVB	372072	369318	10.98%	0.670%
79	10.605	787	789	790	rBV	461214	597821	17.77%	1.085%
80	10.639	790	792	793	rVV	1431840	1780209	52.91%	3.230%
81	10.673	793	795	799	rVV4	248903	557969	16.58%	1.012%
82	10.765	800	803	805	rVB3	710180	917468	27.27%	1.665%
83	10.971	819	821	824	rVB3	155000	289308	8.60%	0.525%
84	11.153	836	837	838	rBV	125932	105705	3.14%	0.192%
85	11.233	842	844	847	rVB2	191618	235758	7.01%	0.428%
86	11.279	847	848	850	rBV2	73010	62897	1.87%	0.114%
87	11.325	850	852	853	rBV	1129323	966550	28.73%	1.754%
88	11.405	858	859	860	rVB	86011	58961	1.75%	0.107%
89	11.714	885	886	889	rVB2	196496	205821	6.12%	0.373%
90	11.862	898	899	904	rVB4	115328	201656	5.99%	0.366%
91	12.079	916	918	923	rVB	676197	746681	22.19%	1.355%
92	12.651	965	968	970	rVV2	106538	129011	3.83%	0.234%
93	12.697	970	972	974	rVV	50742	56279	1.67%	0.102%
94	12.742	974	976	978	rVB	176098	169477	5.04%	0.307%
95	12.914	988	991	993	rBV	2516964	2598449	77.23%	4.714%
96	13.439	1036	1037	1039	rBV	99939	106608	3.17%	0.193%
97	13.485	1039	1041	1043	rBV	402857	461853	13.73%	0.838%
98	13.817	1068	1070	1078	rVB	63219	88690	2.64%	0.161%
99	13.954	1080	1082	1084	rBV	917544	863075	25.65%	1.566%
100	15.371	1203	1206	1208	rBV	406651	640733	19.04%	1.162%

Sum of corrected areas: 55119567

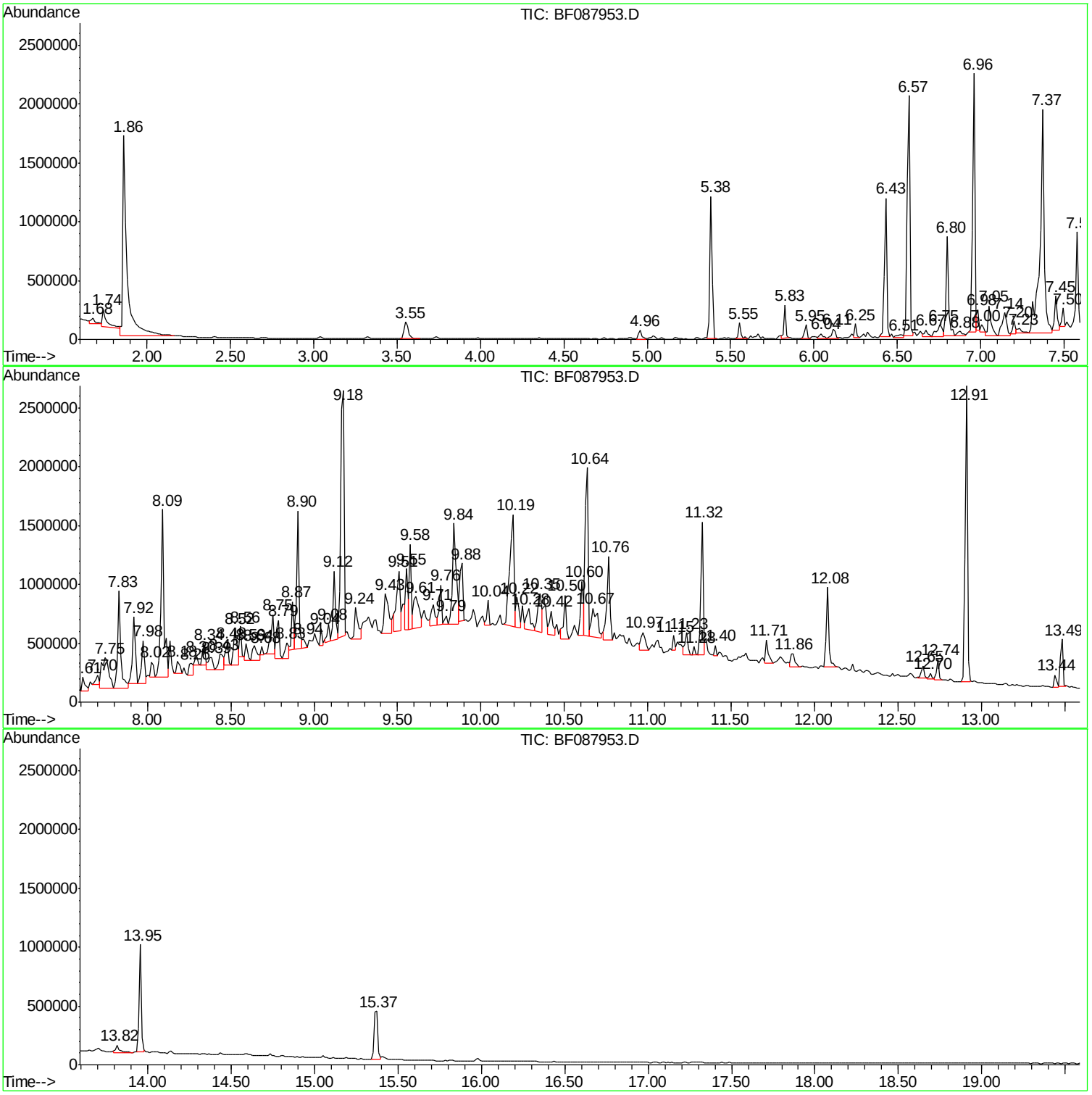
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

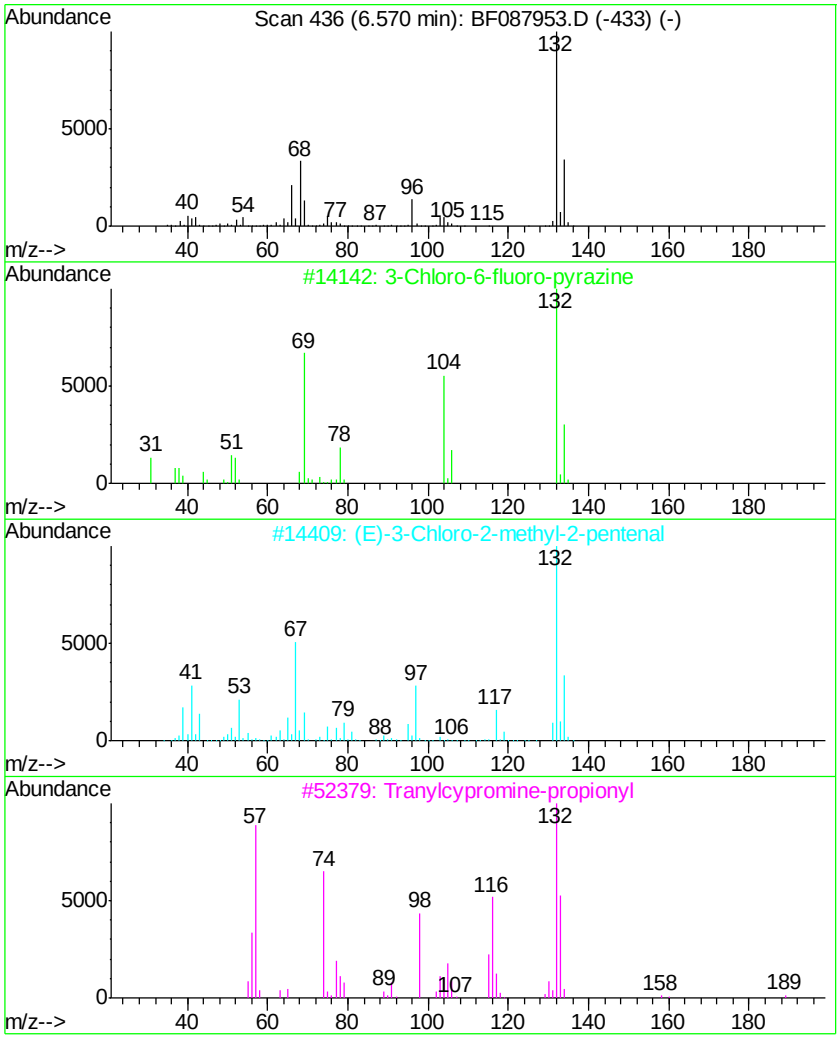
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

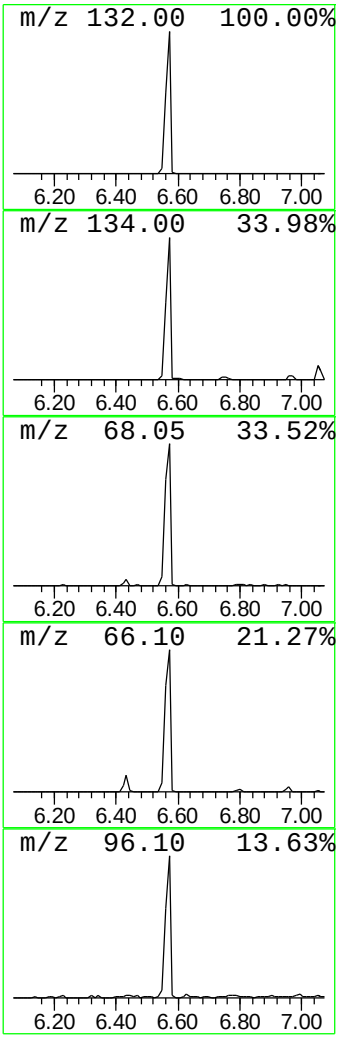
****

Peak Number 2 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	55.17 ng	2436220	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

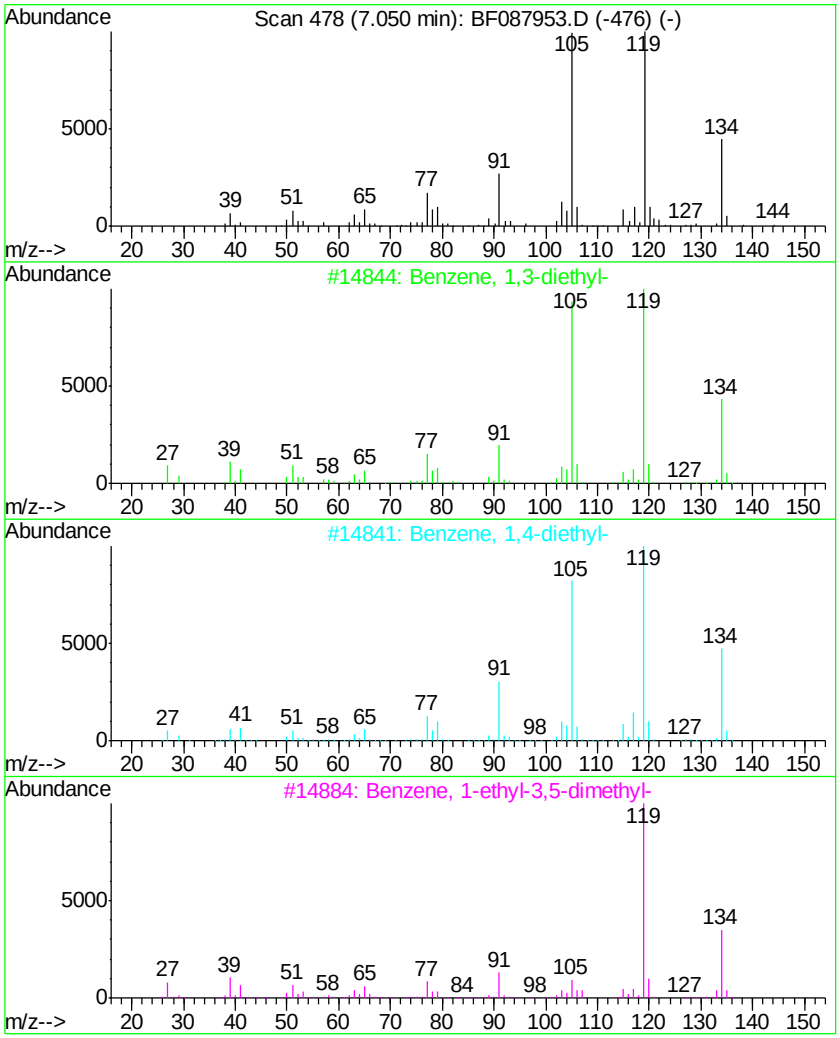
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

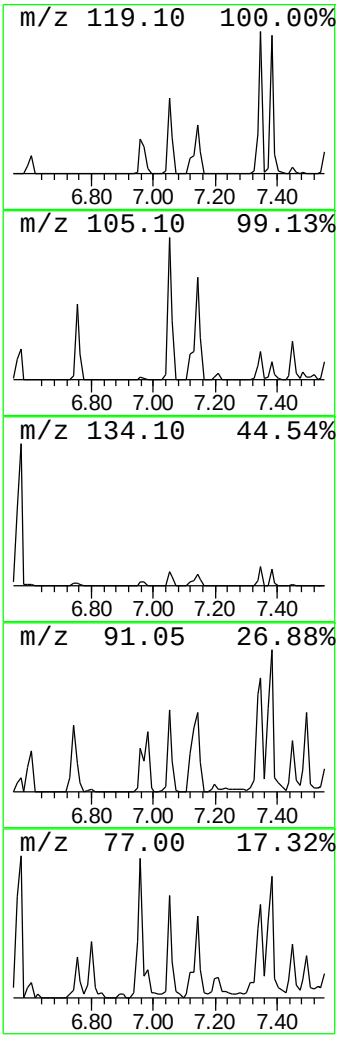
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	7.74 ng	341679	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

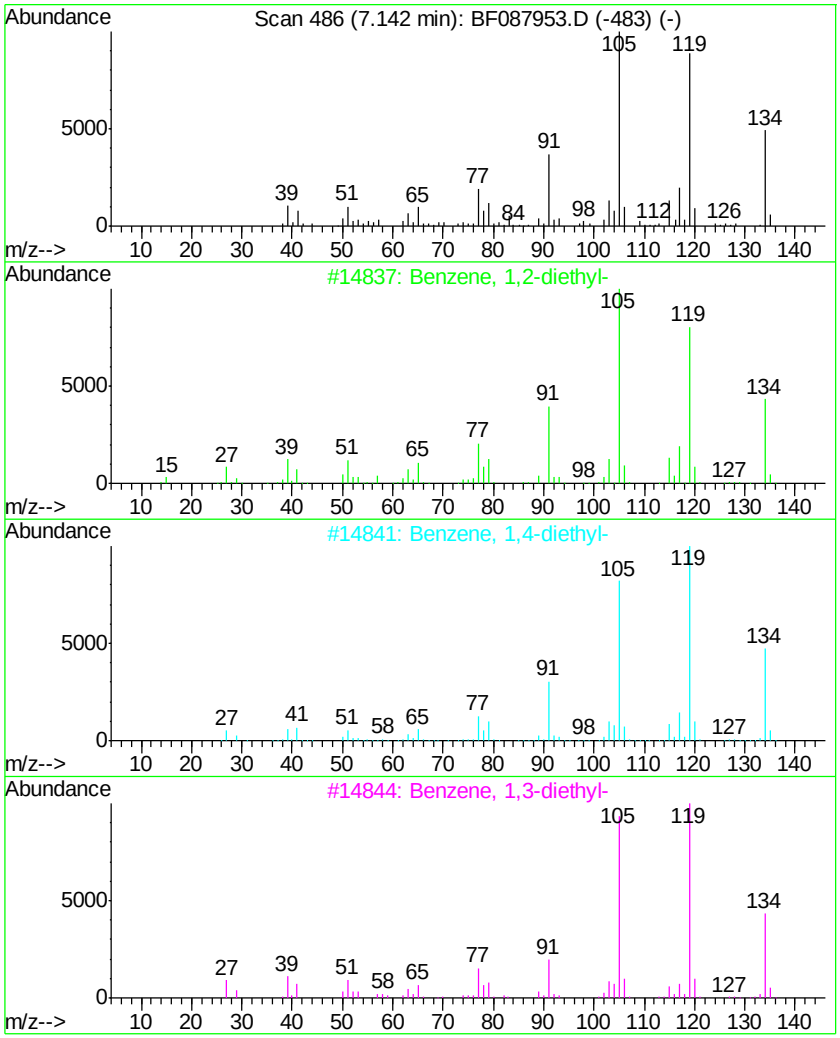
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

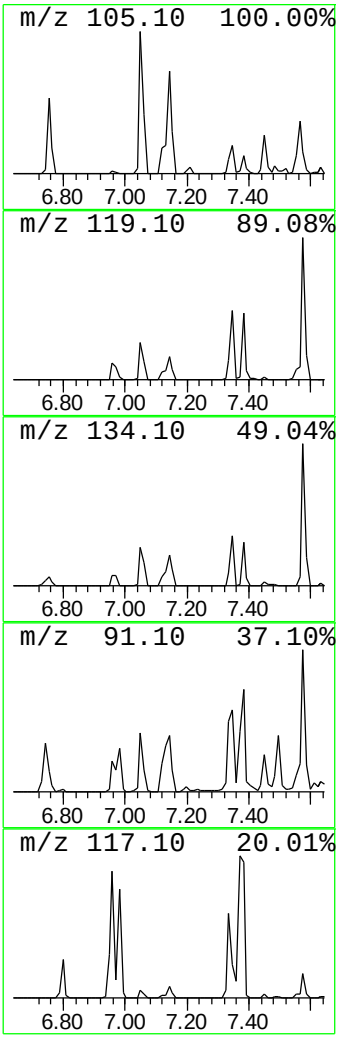
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	7.97 ng	351802	1,4-Dichlorobenzene-d4	6.80

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	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

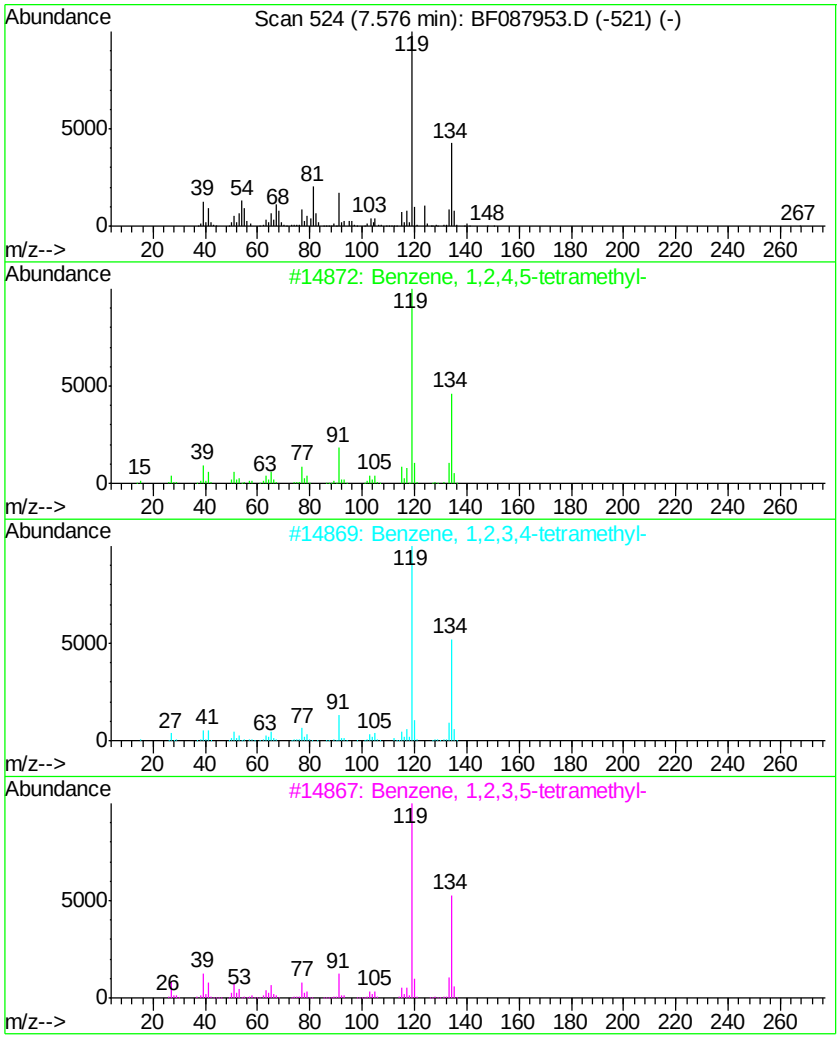
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

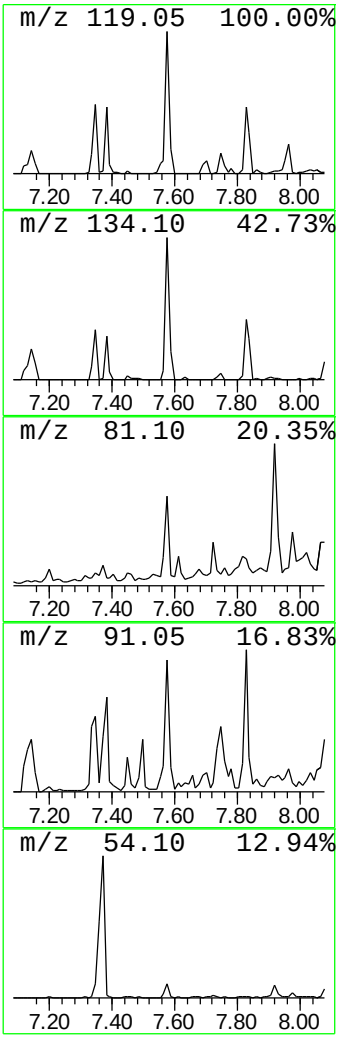
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	8.74 ng	828438	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	p-Cymene	134	C10H14	000099-87-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

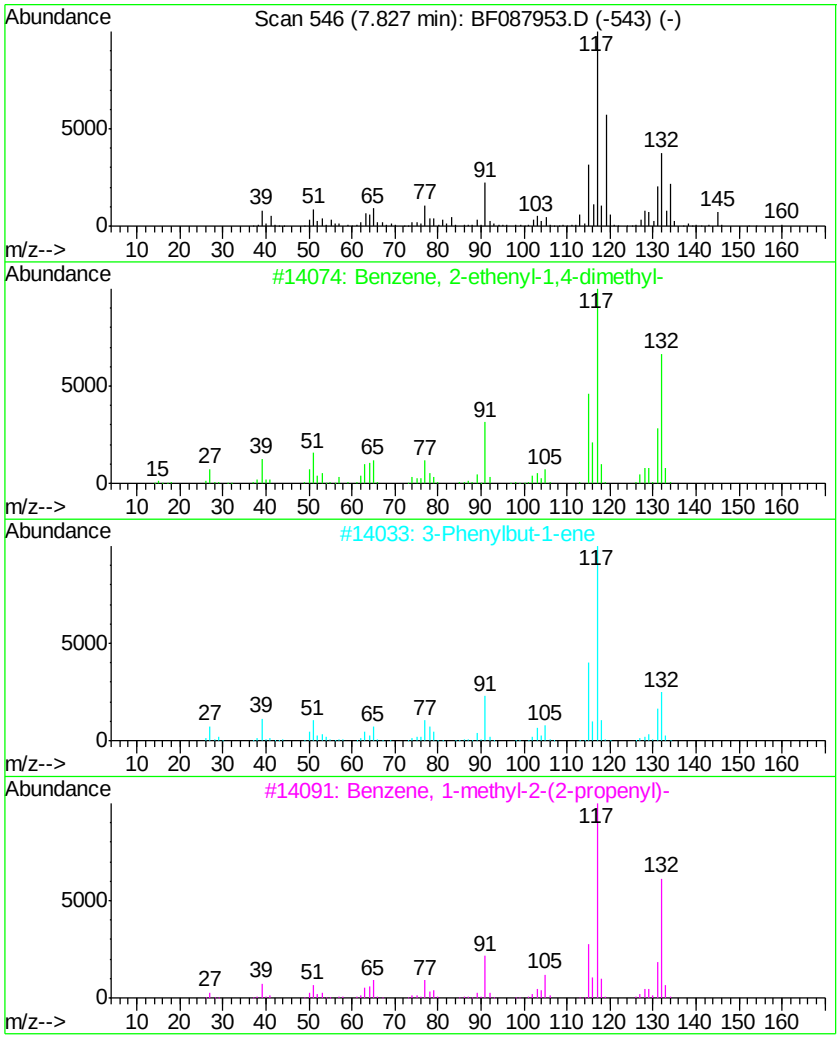
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

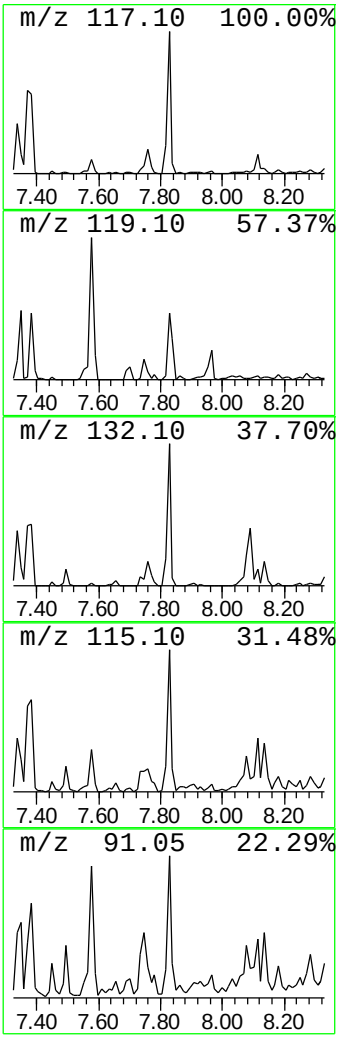
****

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	11.43 ng	1084120	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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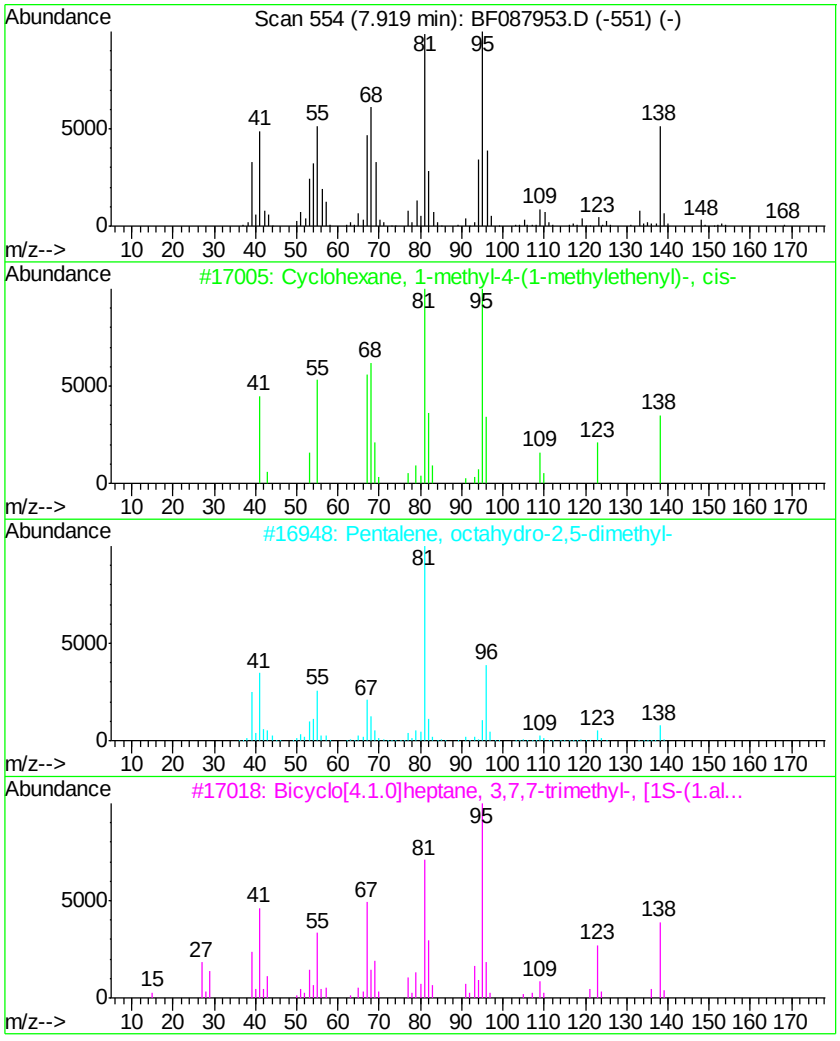
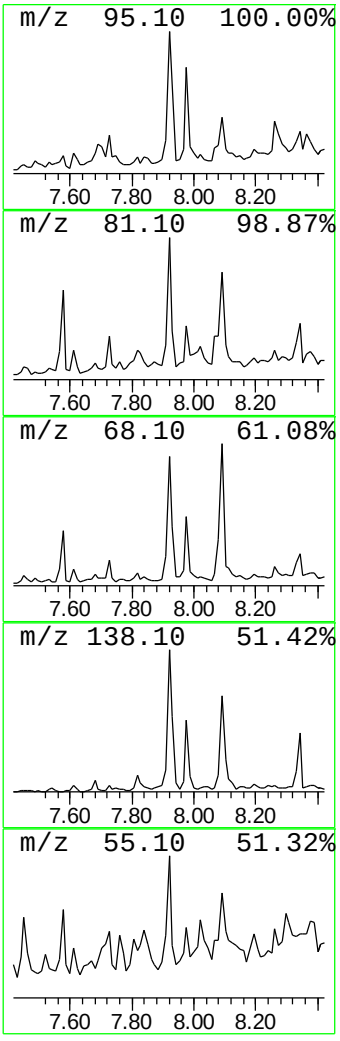
Peak Number 8 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	7.67 ng	727052	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	91
2	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	58
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	58
4	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	53
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	52





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Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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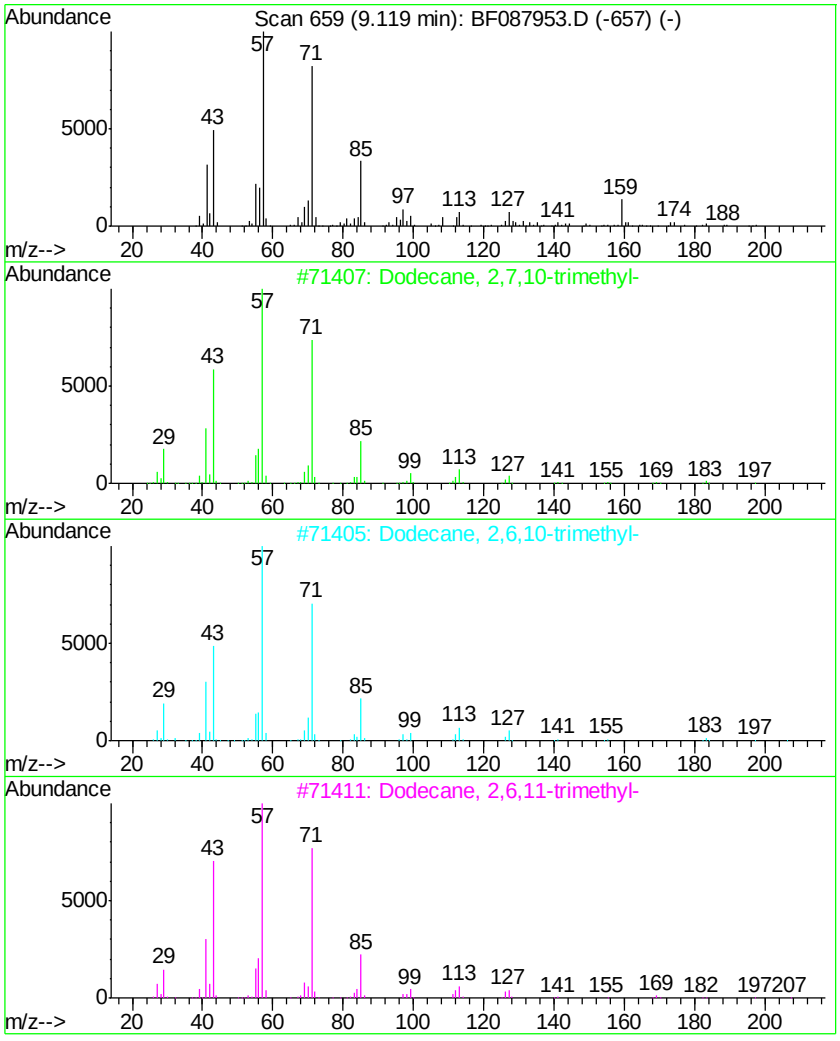
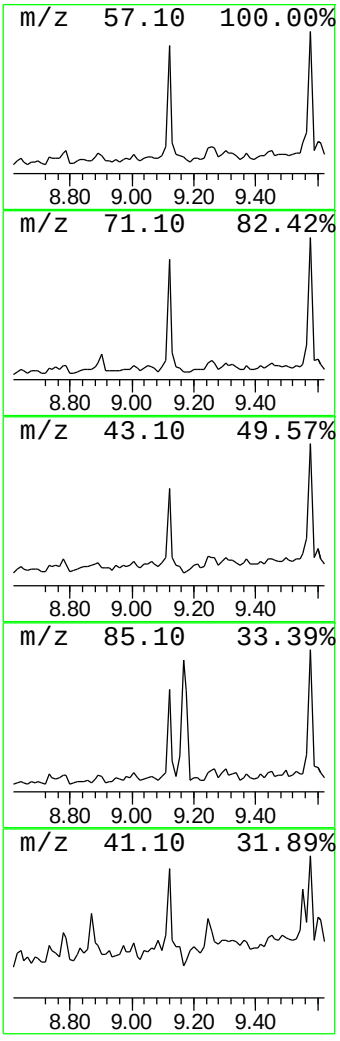
Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	9.67 ng	619987	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	50
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50





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Misc :
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Instrument : BNA_F
ClientSampleId : W-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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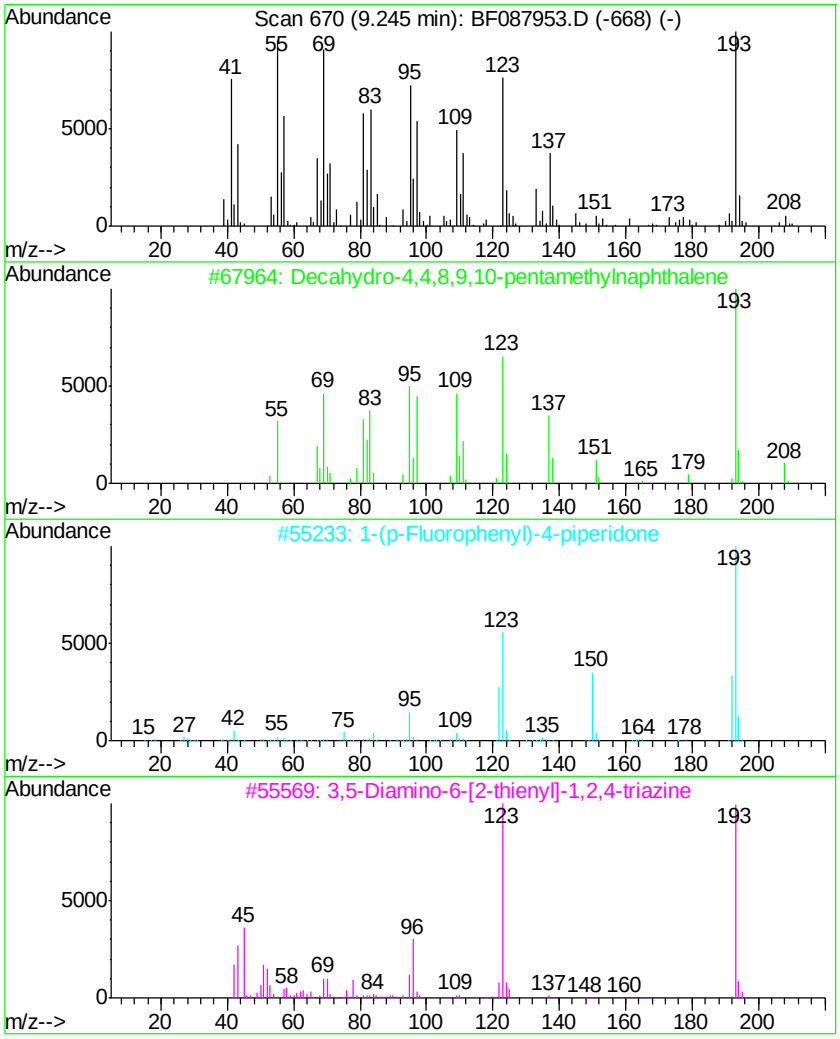
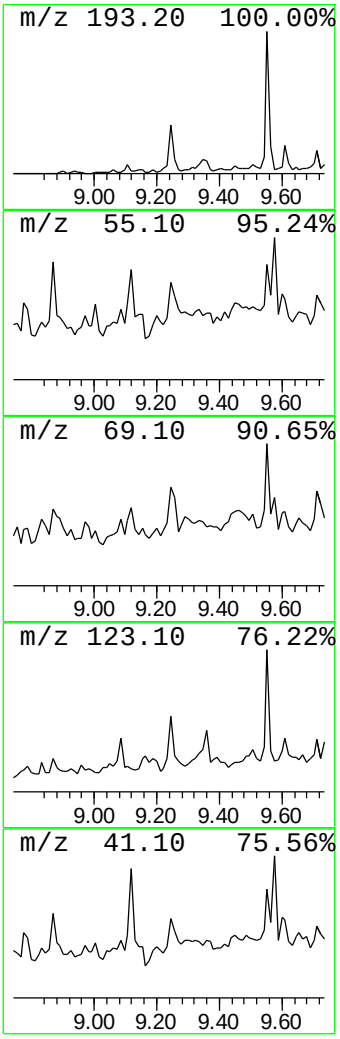
Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	6.70 ng	429536	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	72
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3	3,5-Diamino-6-[2-thienyl]-1,2,4-...	193	C7H7N5S	058848-66-1	35
4	Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	35
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30





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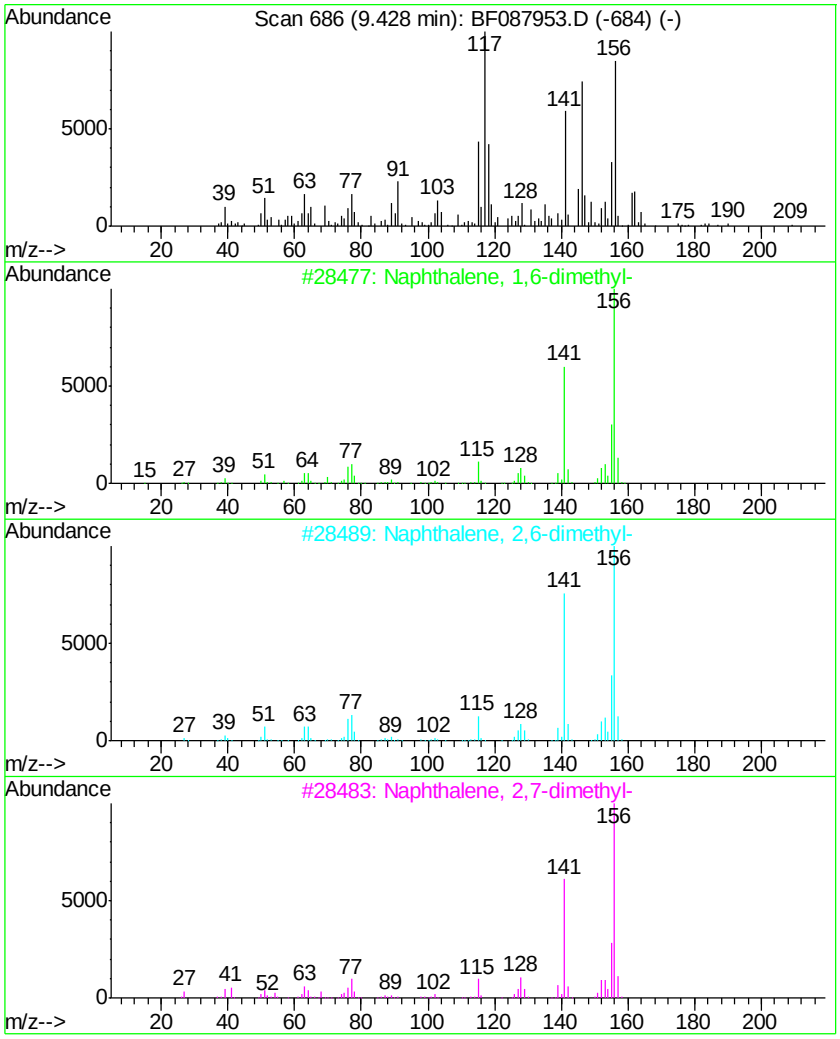
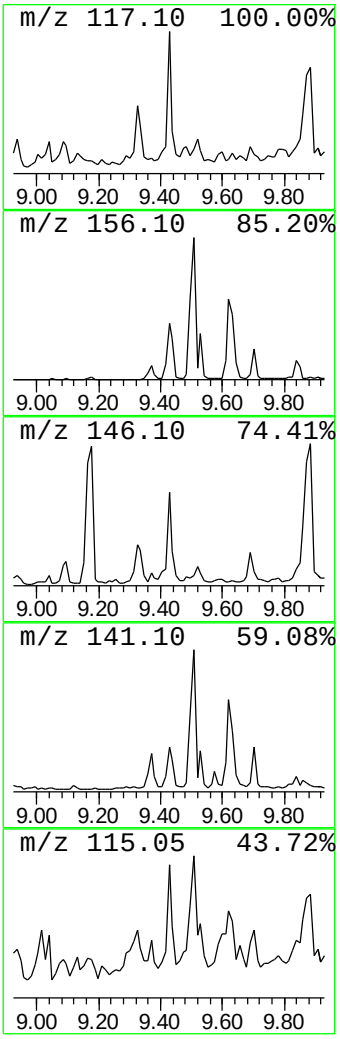
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	9.85 ng	631456	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	56
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	55
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	52
4	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	42
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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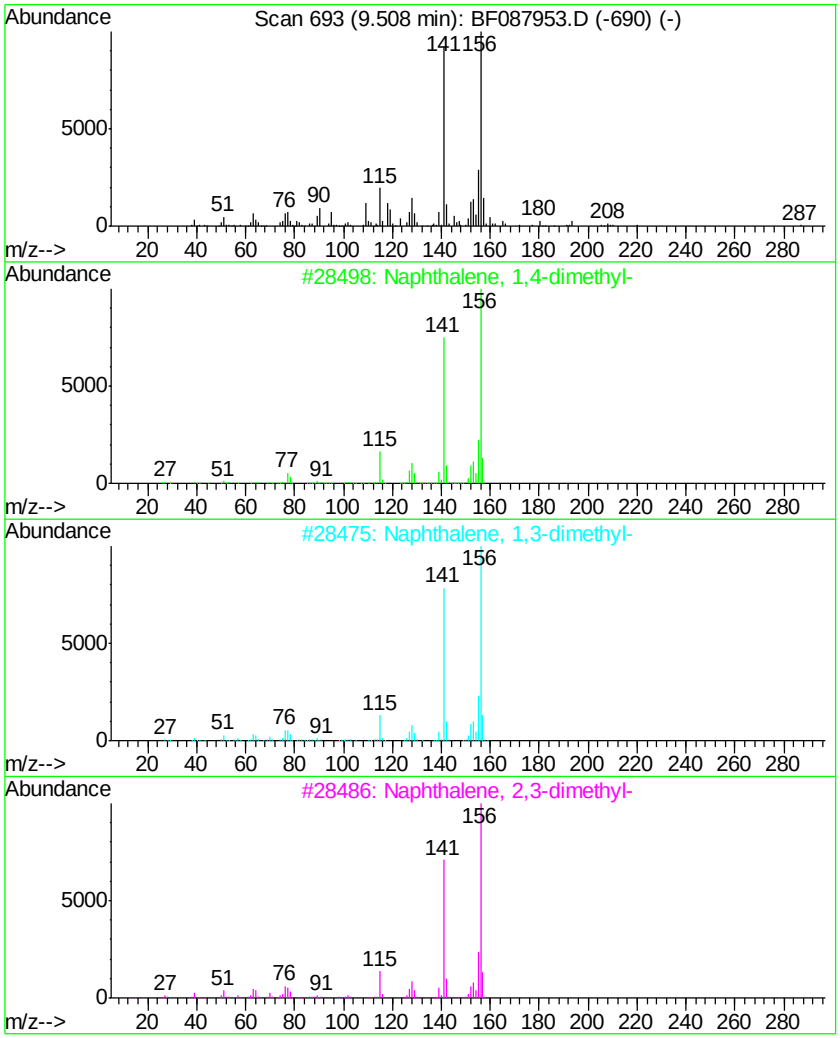
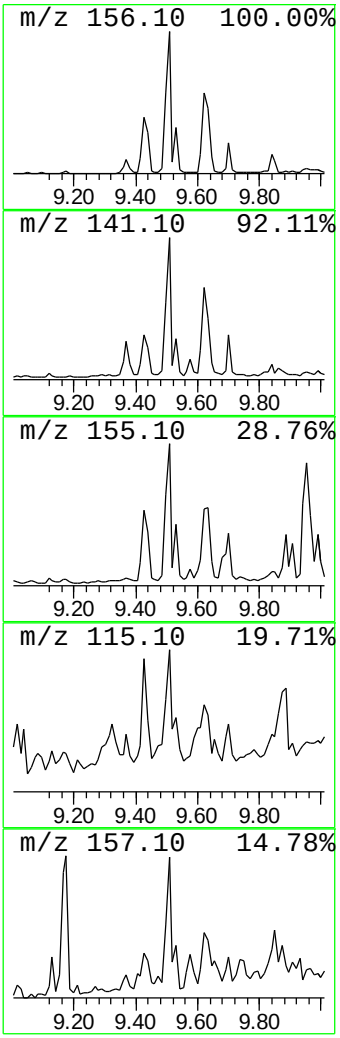
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	12.96 ng	831011	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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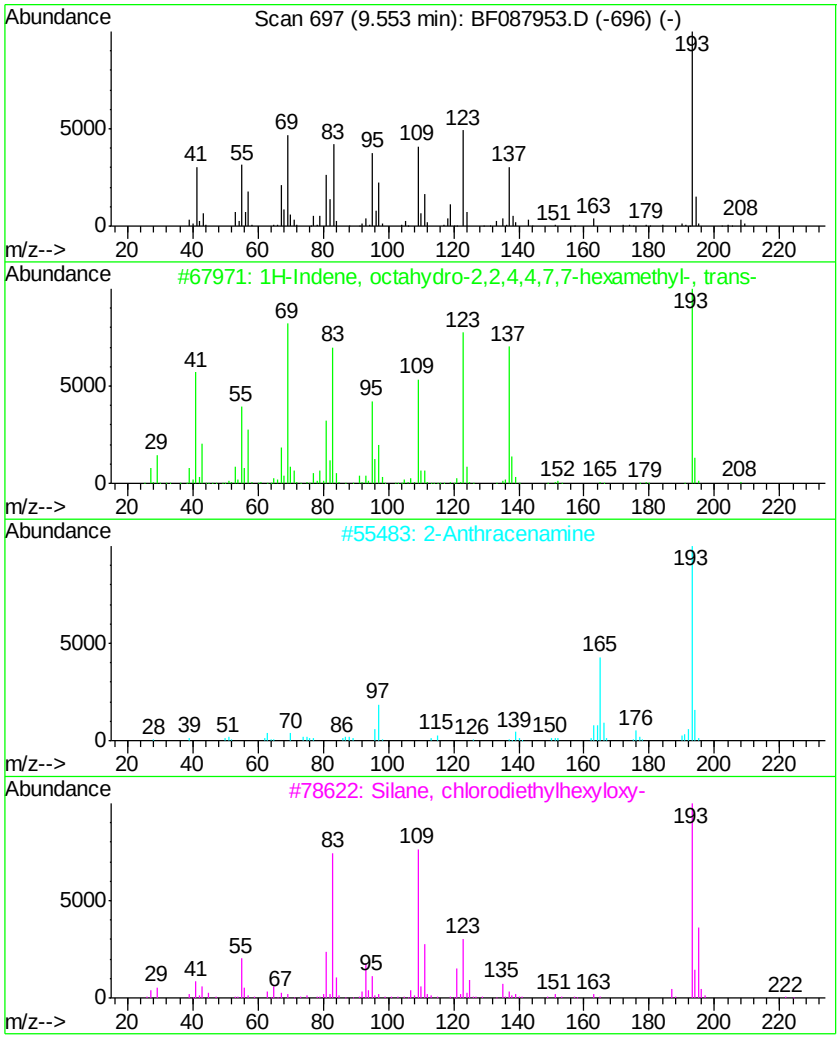
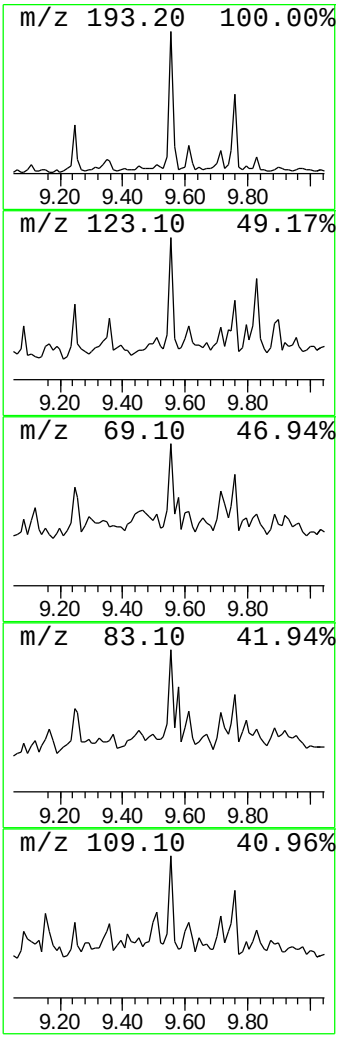
Peak Number 13 unknown9.55 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	8.37 ng	536585	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	25
2	2-Anthracenamine	193	C14H11N	000613-13-8	25
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	23
4	3-Phenylindole	193	C14H11N	001504-16-1	22
5	Iminostilbene	193	C14H11N	000256-96-2	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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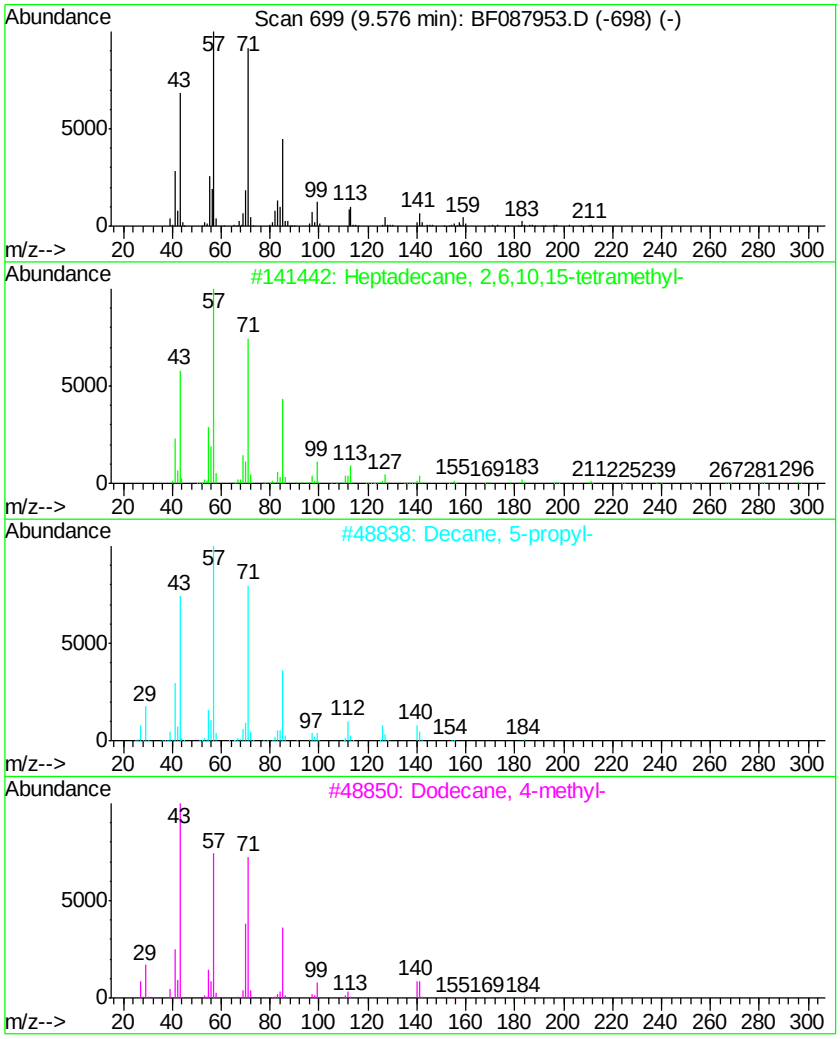
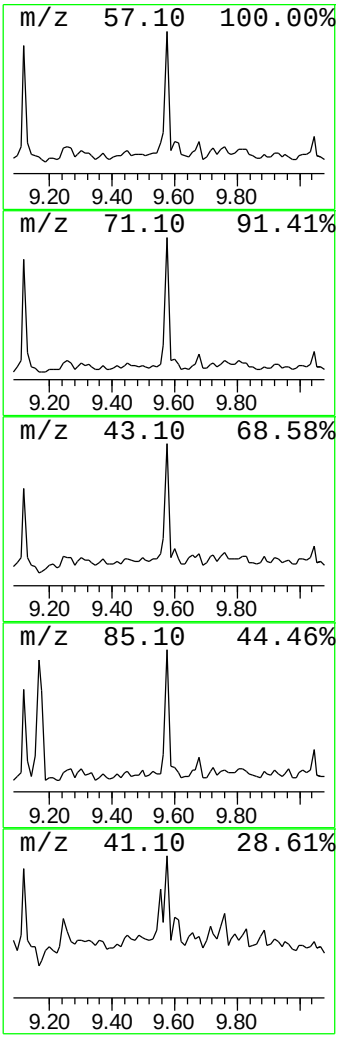
Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	9.03 ng	578827	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Decane, 5-propyl-	184	C13H28	017312-62-8	83
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
4	Hexadecane	226	C16H34	000544-76-3	53
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	52





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Sample : H3490-04
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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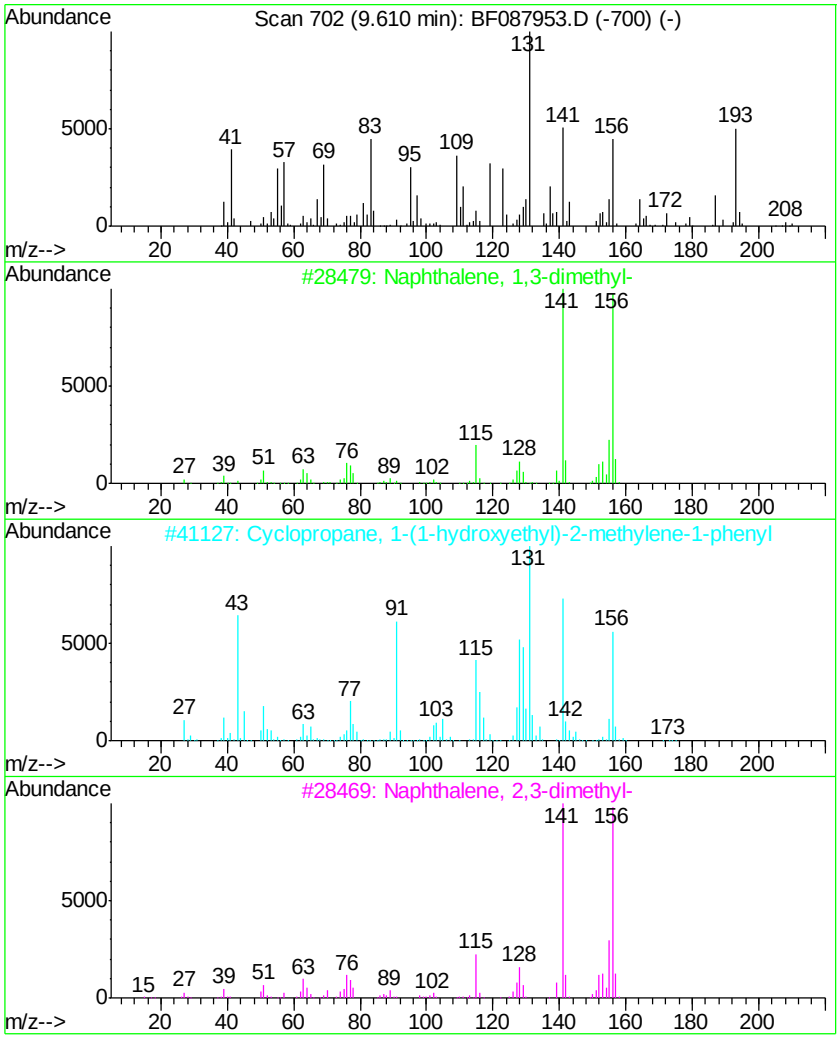
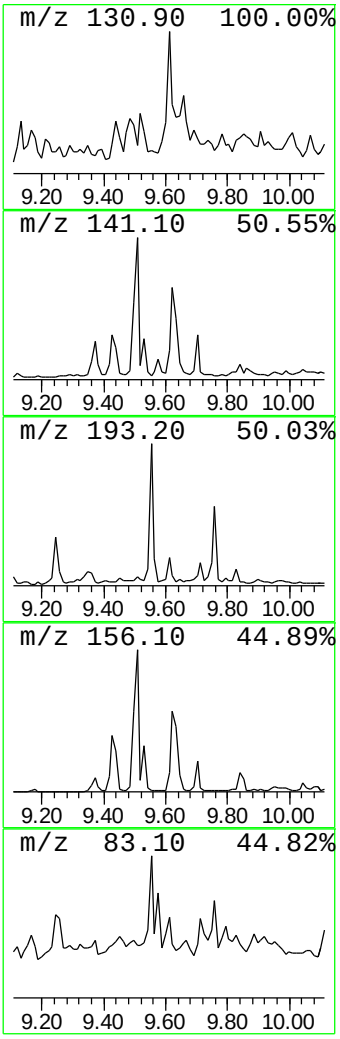
Peak Number 15 unknown9.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	10.26 ng	657424	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	25
2	Cyclopropane, 1-(1-hydroxyethyl)...	174	C12H14O	1000157-22-1	20
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	15
4	Butanenitrile, 2-(amino)(methylt...	156	C6H8N2OS	058955-39-8	12
5	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	10





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Instrument : BNA_F
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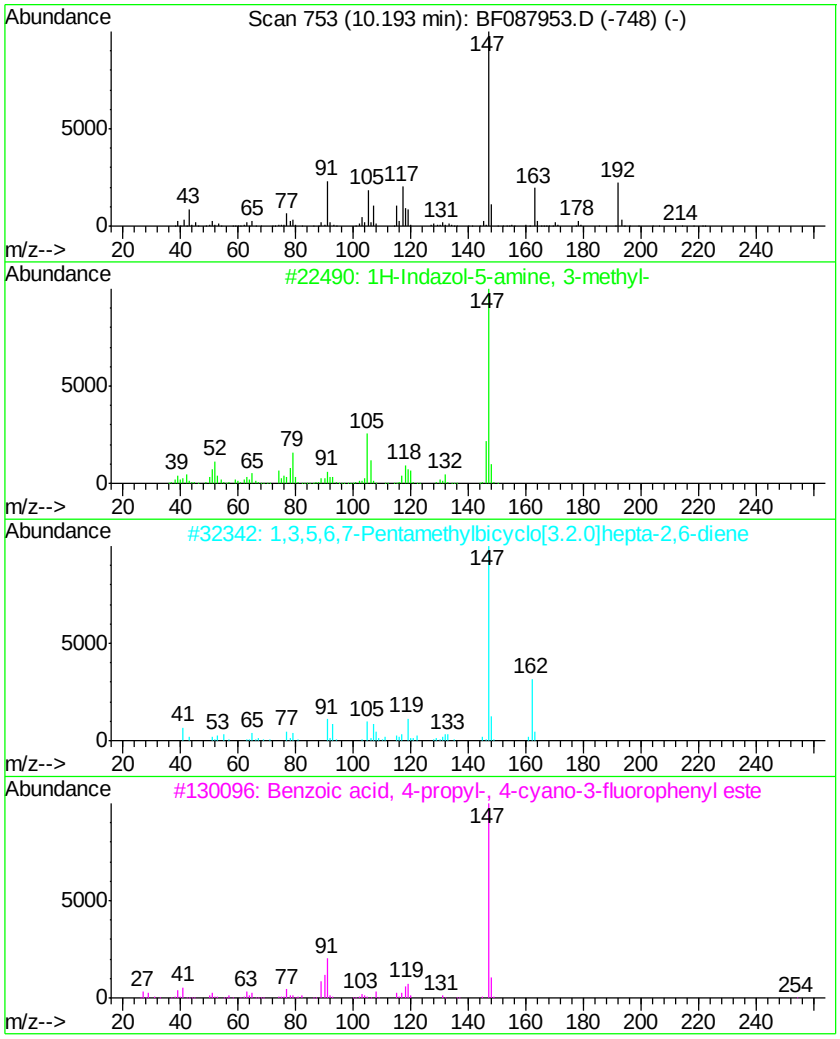
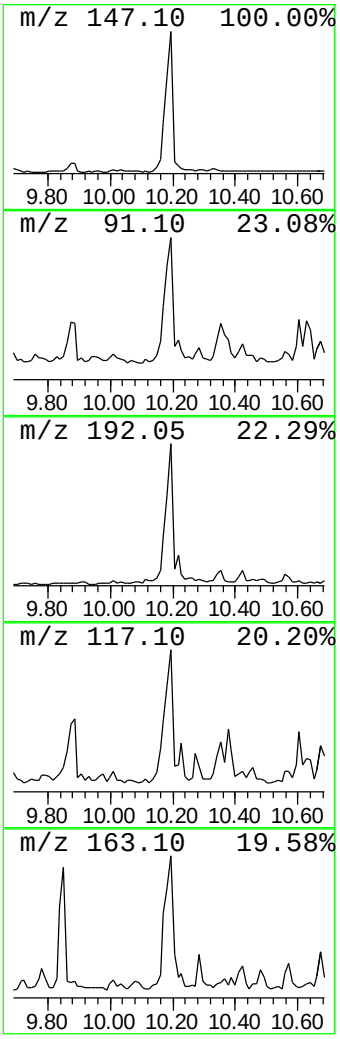
Peak Number 16 unknown10.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	27.36 ng	1753970	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	43
2	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	43
3	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
4	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
5	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	38





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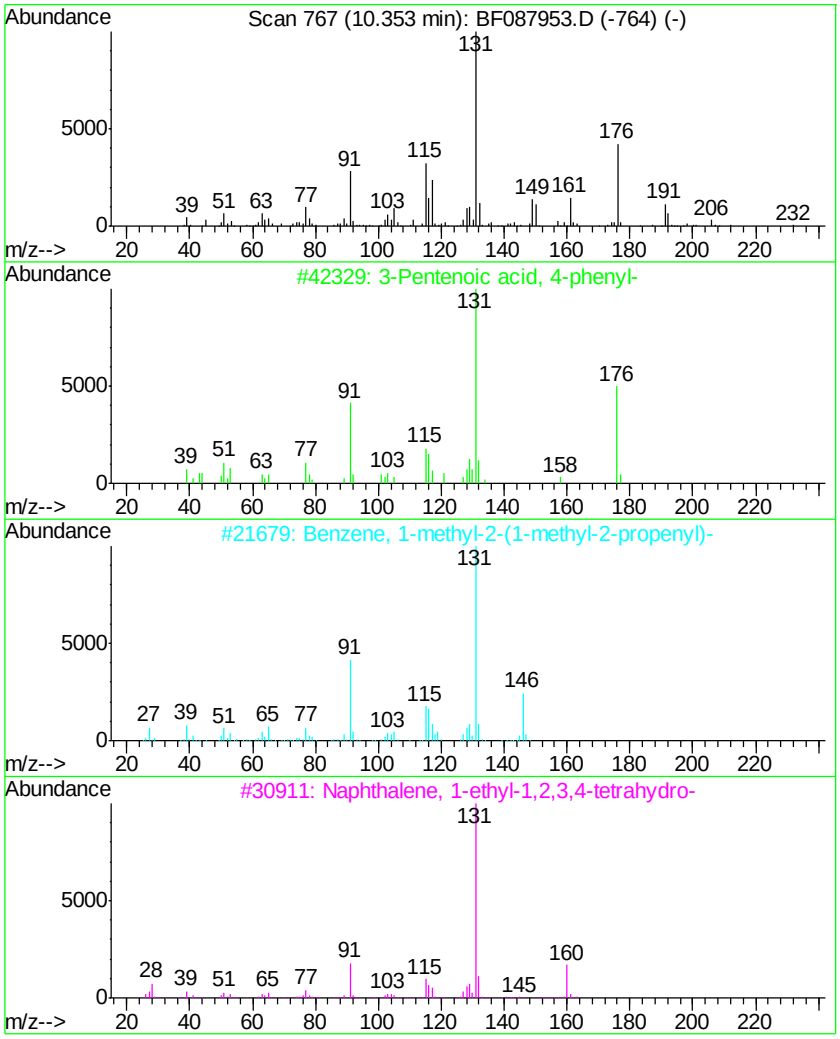
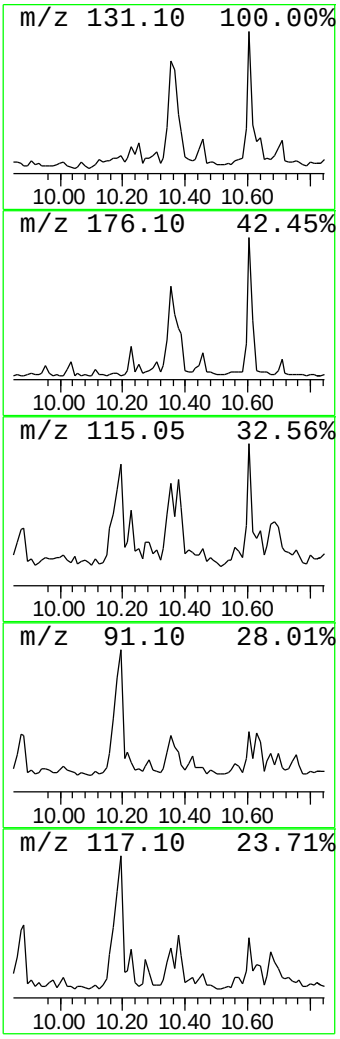
Peak Number 17 3-Pentenoic acid, 4-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	8.86 ng	568195	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	62
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38
3	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	38
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	38
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	38





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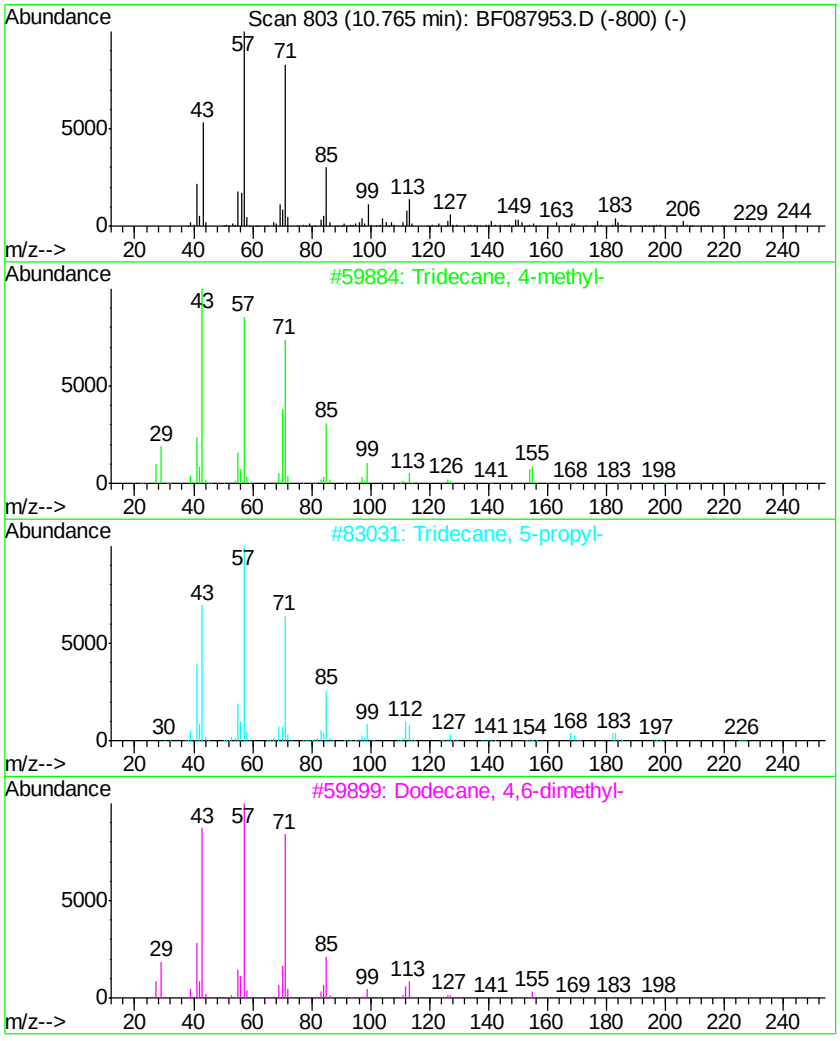
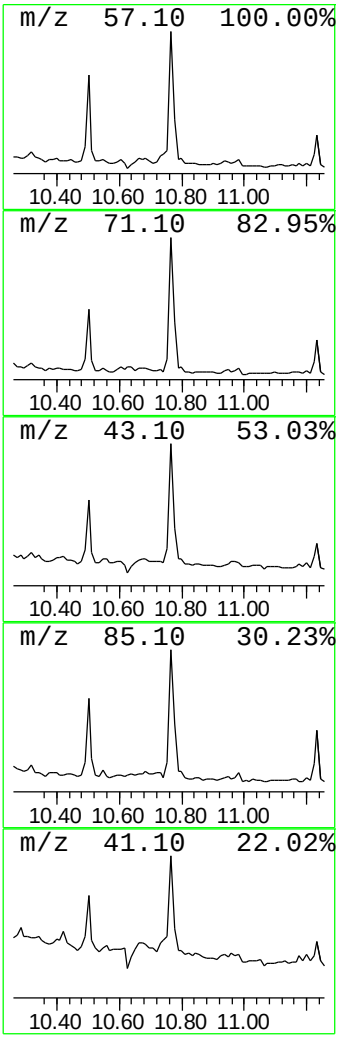
Peak Number 18 Tridecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	18.98 ng	917468	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	74





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ClientSampleId : W-02

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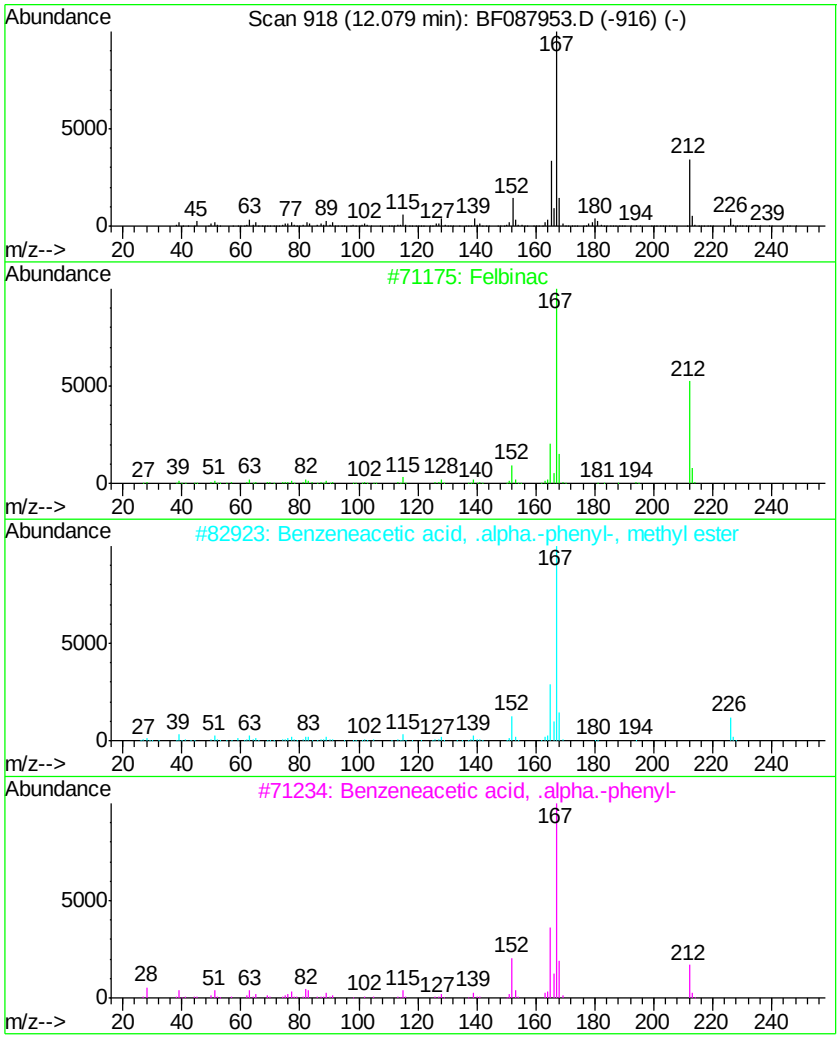
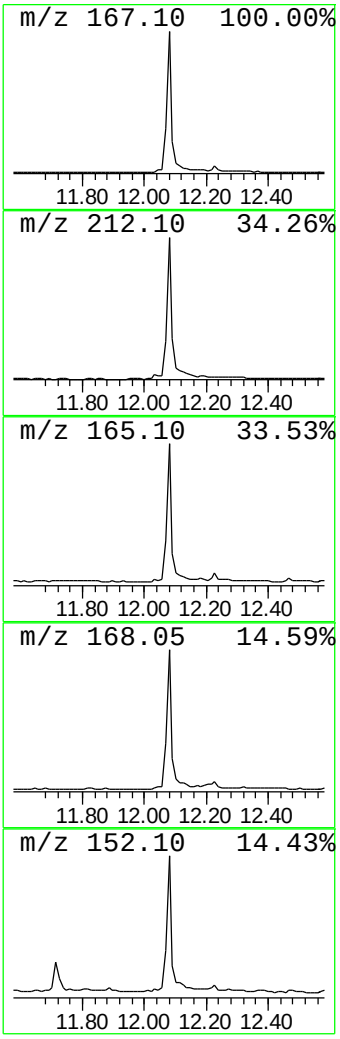
Peak Number 19 Felbinac Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	15.45 ng	746681	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Felbinac	212	C14H12O2	005728-52-9	93
2	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	93
3	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	90
4	Benzoic acid, 4-(phenylmethyl)-	212	C14H12O2	000620-86-0	86
5	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

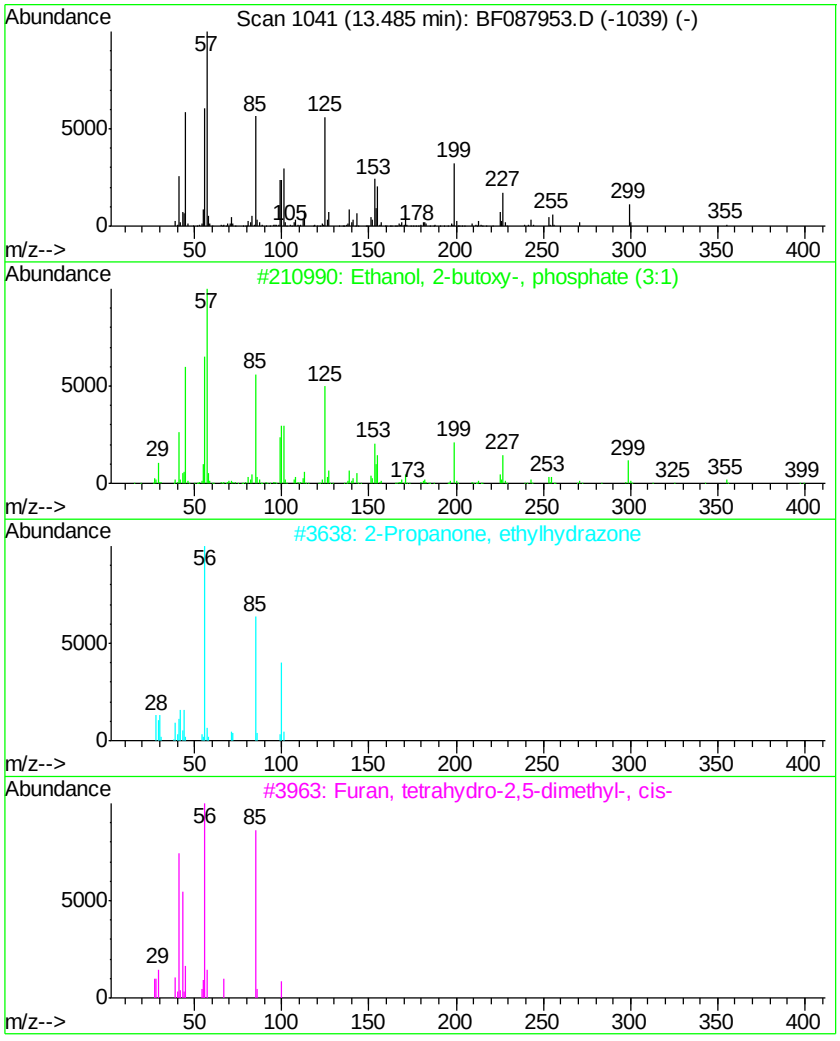
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

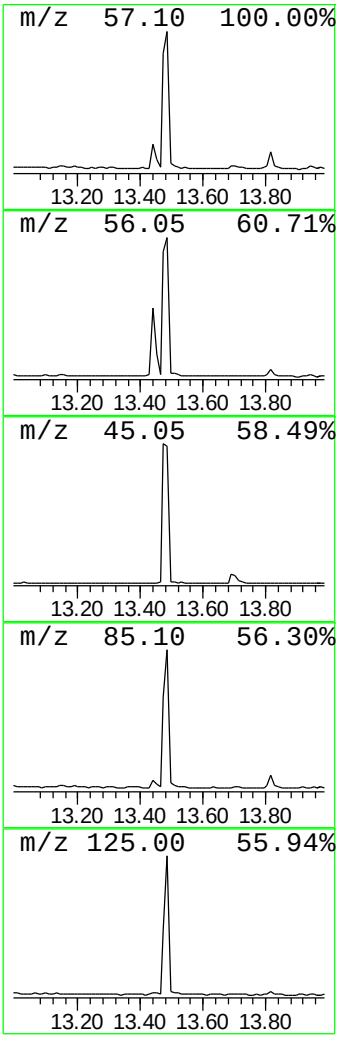
****

Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	10.70 ng	461853	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	93
2	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	12
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	10
4	1-Methoxy-2-methyl-2-butene	100	C6H12O	1000279-59-7	10
5	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.57	6.57	55.2	ng	2436220	1	6.80	883152	20.0
Benzene, 1,3-diet...	7.05	7.7	ng	341679	1	6.80	883152	20.0
Benzene, 1,2-diet...	7.14	8.0	ng	351802	1	6.80	883152	20.0
Benzene, 1,2,4,5-...	7.58	8.7	ng	828438	2	8.09	1896460	20.0
Benzene, 2-etheny...	7.83	11.4	ng	1084120	2	8.09	1896460	20.0
Cyclohexane, 1-me...	7.92	7.7	ng	727052	2	8.09	1896460	20.0
Dodecane, 2,7,10-...	9.12	9.7	ng	619987	3	9.84	1282140	20.0
Decahydro-4,4,8,9...	9.24	6.7	ng	429536	3	9.84	1282140	20.0
Naphthalene, 1,6-...	9.43	9.8	ng	631456	3	9.84	1282140	20.0
Naphthalene, 1,4-...	9.51	13.0	ng	831011	3	9.84	1282140	20.0
unknown9.55	9.55	8.4	ng	536585	3	9.84	1282140	20.0
Heptadecane, 2,6,...	9.58	9.0	ng	578827	3	9.84	1282140	20.0
unknown9.61	9.61	10.3	ng	657424	3	9.84	1282140	20.0
unknown10.19	10.19	27.4	ng	1753970	3	9.84	1282140	20.0
3-Pentenoic acid,...	10.35	8.9	ng	568195	3	9.84	1282140	20.0
Tridecane, 4-methyl-	10.76	19.0	ng	917468	4	11.32	966550	20.0
Felbinac	12.08	15.4	ng	746681	4	11.32	966550	20.0
Ethanol, 2-butoxy...	13.49	10.7	ng	461853	5	13.95	863075	20.0