LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090529.D
Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

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-BF101116.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	3.080	47	65	69	rVB	91068	421183	1.29%	0.186%
2	3.251	76	80	84	rBV	202041	401708	1.23%	0.178%
3	4.029	141	148	150	rBV	7005175	12526441	38.32%	5.538%
4	4.554	191	194	196	rVV	865027	1174884	3.59%	0.519%
5	5.171	244	248	251	rVV	2410629	4866671	14.89%	2.152%
6	5.446	268	272	274	rBV	10419071	15389595	47.08%	6.804%
7	5.572	278	283	286	rBV	11103721	32689898	100.00%	14.452%
8	5.732	295	297	301	rVB4	185446	338520	1.04%	0.150%
9	5.812	301	304	306	rBV	7083436	10632206	32.52%	4.701%
10	6.006	319	321	324	rVB2	590577	706939	2.16%	0.313%
11	6.120	328	331	333	rBV	2361769	2334398	7.14%	1.032%
12	6.269	341	344	349	rBV5	153884	379897	1.16%	0.168%
13	6.406	354	356	359	rBV	2302817	2050569	6.27%	0.907%
14	6.474	359	362	364	rBV	6205295	6582820	20.14%	2.910%
15	6.509	364	365	367	rVB	2718257	2000429	6.12%	0.884%
16	6.554	367	369	370	rBV	4577382	4702593	14.39%	2.079%
17	6.600	370	373	374	rBV2	525778	627284	1.92%	0.277%
18	6.634	374	376	379	rVB	3284956	3208507	9.81%	1.419%
19	6.726	382	384	386	rBV	2656717	3021805	9.24%	1.336%
20	6.783	386	389	391	rVB	8694999	10774208	32.96%	4.763%
21	6.817	391	392	395	rVB2	228310	349510	1.07%	0.155%
22	6.909	397	400	402	rBV3	289395	487751	1.49%	0.216%
23	6.955	402	404	407	rBV2	1000849	1945797	5.95%	0.860%
24	7.012	407	409	411	rVB	5333696	5719250	17.50%	2.529%
25	7.103	414	417	419	rBV	3709853	5229850	16.00%	2.312%
26	7.229	426	428	430	rVB	513150	600103	1.84%	0.265%
27	7.275	430	432	436	rVB3	1075461	2569359	7.86%	1.136%
28	7.343	436	438	440	rBV	539986	632324	1.93%	0.280%
29	7.389	440	442	443	rBV	372152	440498	1.35%	0.195%
30	7.435	443	446	447	rBV	406087	752948	2.30%	0.333%
31	7.515	448	453	457	rBV3	3145558	5759771	17.62%	2.546%
32	7.595	458	460	461	rVV	883742	1262485	3.86%	0.558%
33	7.640	461	464	465	rVV2	1272410	2948500	9.02%	1.304%
34	7.675	465	467	469	rVB2	1631138	2928572	8.96%	1.295%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

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-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.720	469	471	476	rVB3	1104964	2221179	6.79%	0.982%
36	7.823	476	480	484	rVB3	846866	1535389	4.70%	0.679%
37	7.880	484	485	486	rBV	590935	645985	1.98%	0.286%
38	7.903	486	487	490	rVB2	743999	1123451	3.44%	0.497%
39	7.972	490	493	498	rBV2	1730897	3662583	11.20%	1.619%
40	8.075	498	502	503	rBV4	658392	1463065	4.48%	0.647%
41	8.109	503	505	508	rVB3	307361	613150	1.88%	0.271%
42	8.177	510	511	513	rBV2	248160	427342	1.31%	0.189%
43	8.258	513	518	525	rVB2	4412872	9772690	29.90%	4.321%
44	8.418	525	532	534	rBV6	686049	2762519	8.45%	1.221%
45	8.486	536	538	539	rBV2	701856	926928	2.84%	0.410%
46	8.520	539	541	544	rVB	1060187	1766218	5.40%	0.781%
47	8.623	544	550	551	rBV5	823261	2533532	7.75%	1.120%
48	8.726	557	559	562	rVB4	606707	991312	3.03%	0.438%
49	8.840	566	569	570	rBV2	478503	885714	2.71%	0.392%
50	8.955	575	579	580	rVB2	1922124	2912996	8.91%	1.288%
51	8.978	580	581	583	rVB2	533607	431240	1.32%	0.191%
52	9.023	583	585	586	rBV	1016455	1107979	3.39%	0.490%
53	9.046	586	587	592	rVB	1886938	2856955	8.74%	1.263%
54	9.126	592	594	595	rBV	674714	1031602	3.16%	0.456%
55	9.172	596	598	600	rVB2	760543	1253885	3.84%	0.554%
56	9.263	602	606	608	rBV2	1192425	1839252	5.63%	0.813%
57	9.320	608	611	612	rVV	5689328	6853175	20.96%	3.030%
58	9.480	623	625	627	rBV2	476680	804003	2.46%	0.355%
59	9.515	627	628	629	rVB	678866	465702	1.42%	0.206%
60	9.583	632	634	635	rVB	337323	329377	1.01%	0.146%
61	9.663	638	641	643	rVV4	626414	1294565	3.96%	0.572%
62	9.709	643	645	647	rVV	848728	1257831	3.85%	0.556%
63	9.755	647	649	651	rVV3	424421	499084	1.53%	0.221%
64	9.812	651	654	655	rVB3	873713	1087545	3.33%	0.481%
65	9.949	664	666	668	rBV2	628965	818825	2.50%	0.362%
66	9.995	668	670	673	rVB	2271761	2168121	6.63%	0.959%
67	10.086	675	678	681	rBV3	263936	432833	1.32%	0.191%
68	10.143	681	683	684	rBV2	392287	541078	1.66%	0.239%
69	10.235	689	691	695	rBV3	624983	1516359	4.64%	0.670%
70	10.326	695	699	700	rVV4	729502	1313125	4.02%	0.581%
71	10.361	700	702	706	rVB3	648884	1016194	3.11%	0.449%

LSC Area Percent Report

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Data File : BF090529.D
Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

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-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.429	706	708	710	rBV2	492853	799873	2.45%	0.354%
73	10.692	729	731	732	rBV2	228905	351222	1.07%	0.155%
74	10.795	736	740	742	rVB	1748726	2315131	7.08%	1.024%
75	11.344	786	788	791	rBV2	261047	505402	1.55%	0.223%
76	11.481	798	800	803	rBV	1644136	1815144	5.55%	0.802%
77	12.018	845	847	850	rBV	555563	787881	2.41%	0.348%
78	12.807	914	916	918	rBV	367784	342501	1.05%	0.151%
79	13.069	937	939	942	rBV	4613244	5603840	17.14%	2.477%
80	13.961	1015	1017	1023	rVB	503382	588178	1.80%	0.260%
81	14.132	1029	1032	1034	rVB	1076050	1453569	4.45%	0.643%
82	15.607	1158	1161	1190	rVB	868975	2006588	6.14%	0.887%

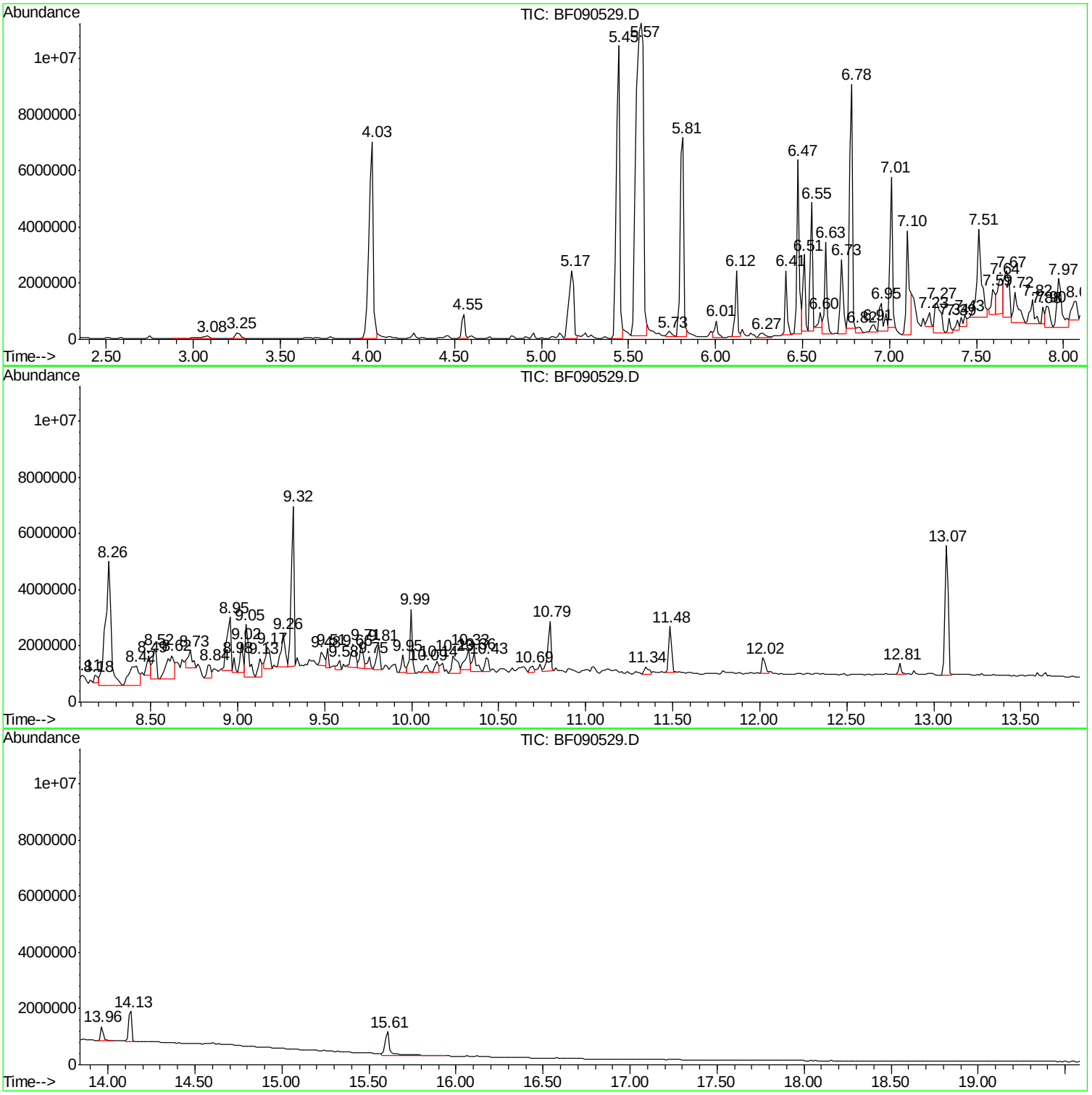
Sum of corrected areas: 226189385

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090529.D
Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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\BF101216\
Data File : BF090529.D
Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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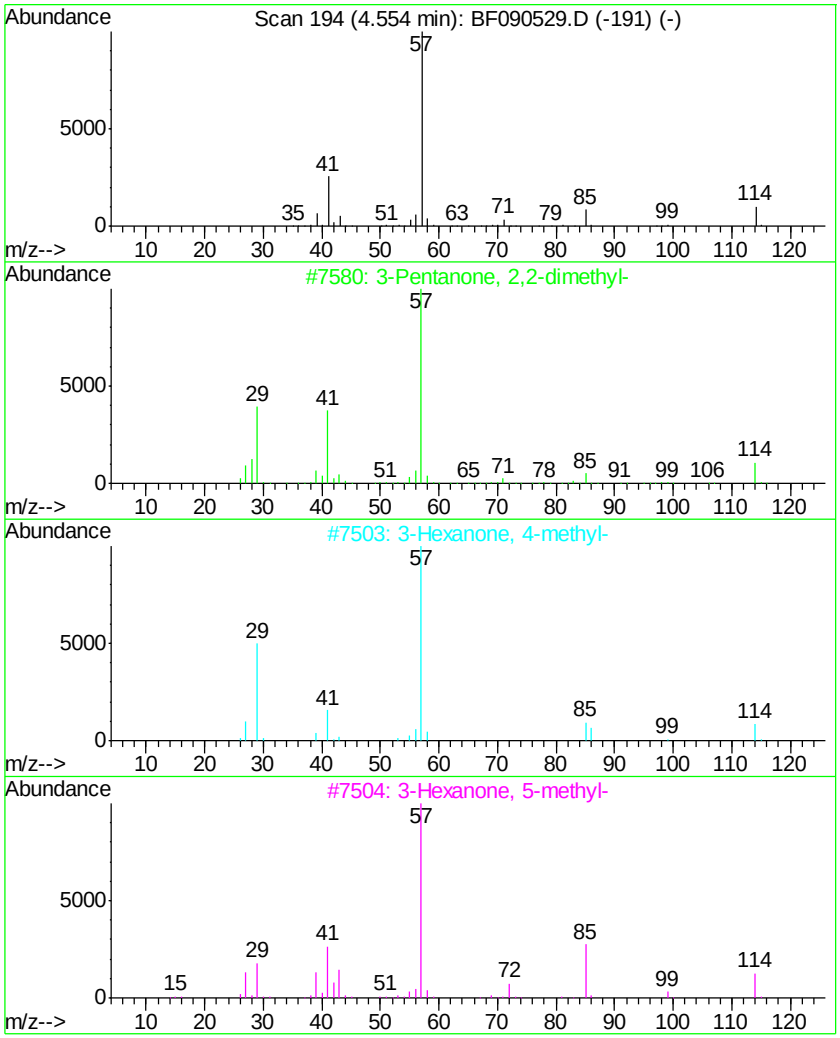
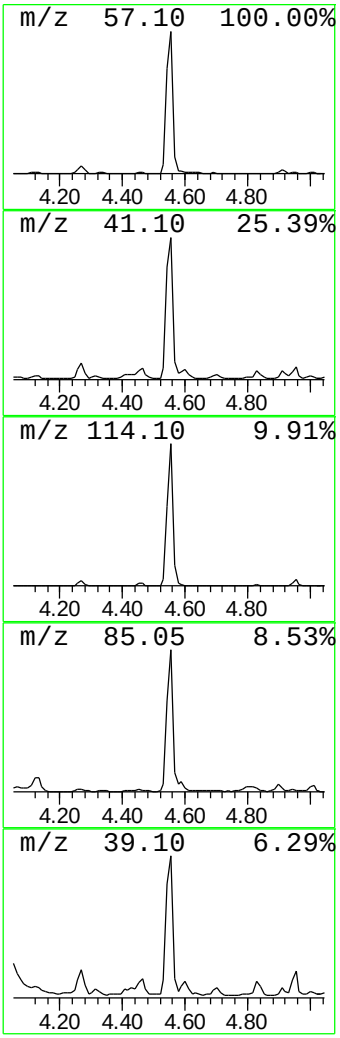
Peak Number 2 3-Pentanone, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	12.08 ng	1174880	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	80
2	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	72
3	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	53
4	3-Heptanone	114	C7H14O	000106-35-4	40
5	3,4-Hexanedione	114	C6H10O2	004437-51-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
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Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

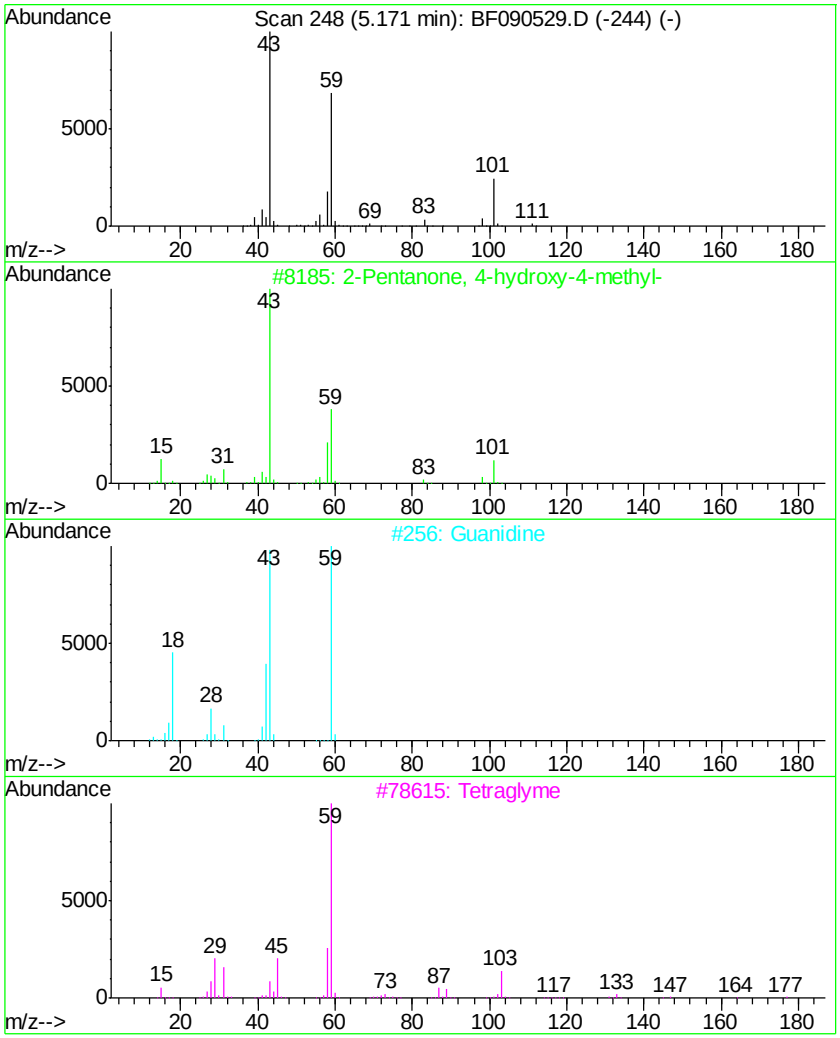
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

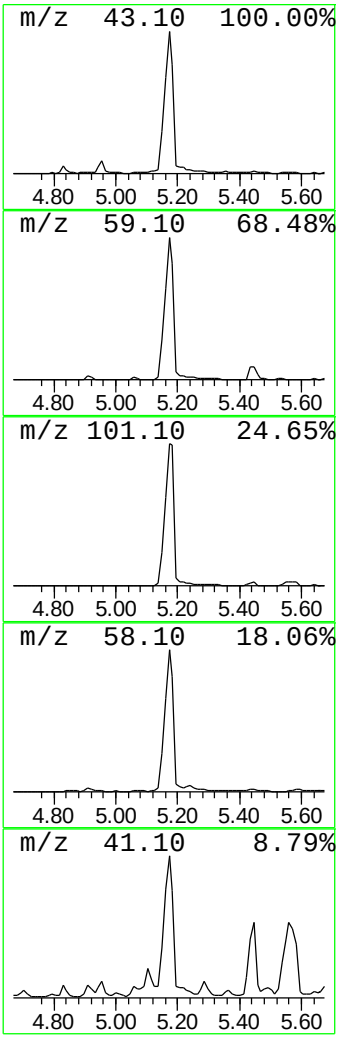
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	50.02 ng	4866670	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	43
3	Tetraglyme	222	C10H22O5	000143-24-8	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090529.D
Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

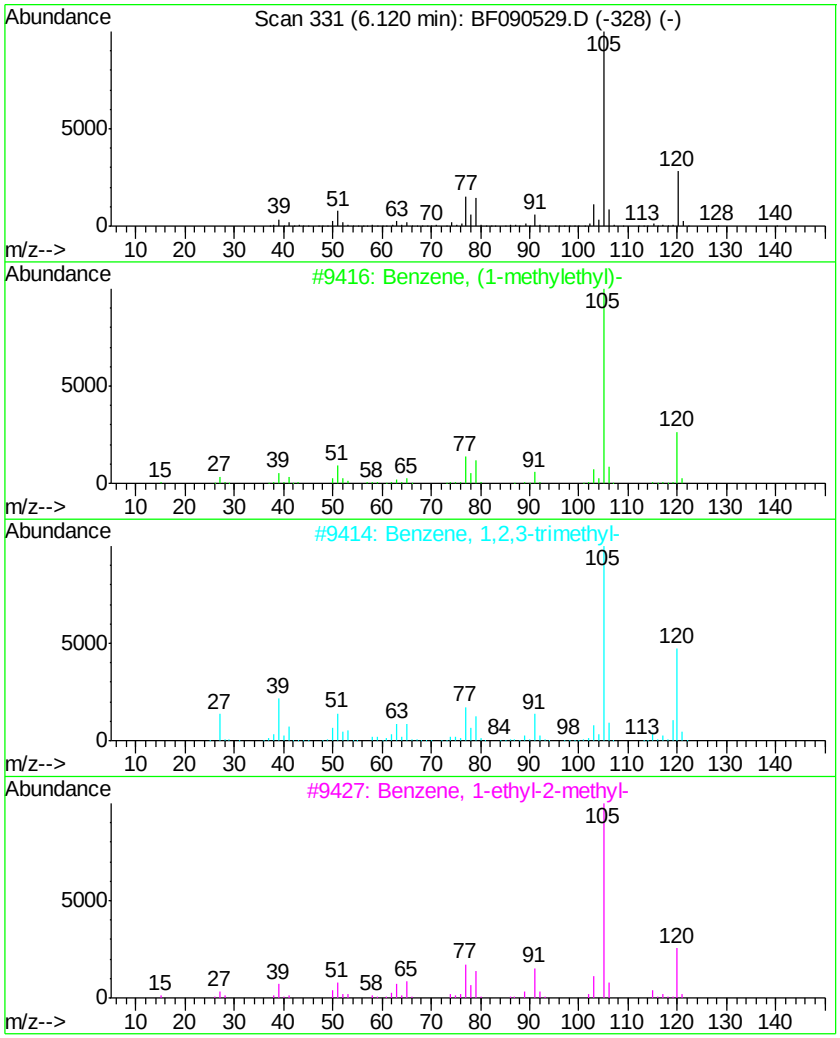
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

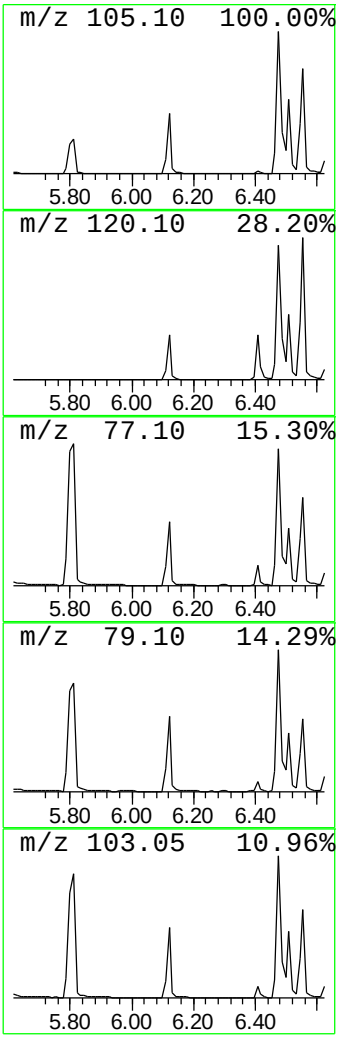
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	23.99 ng	2334400	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090529.D
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Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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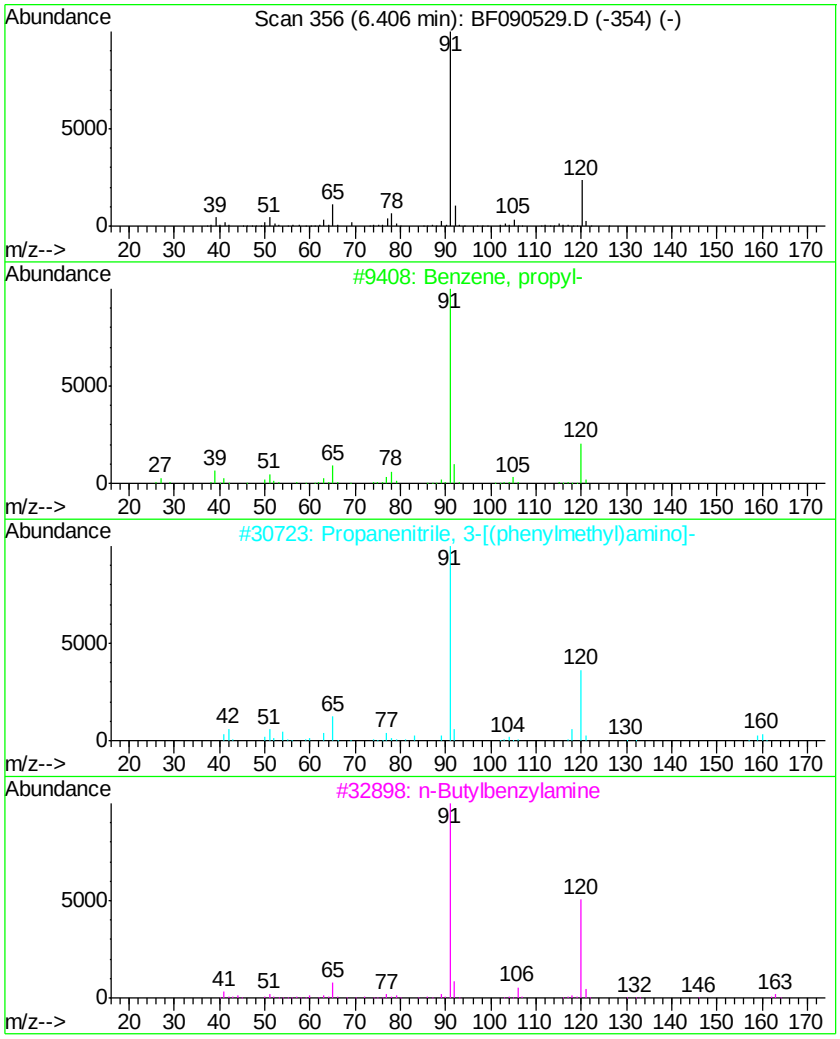
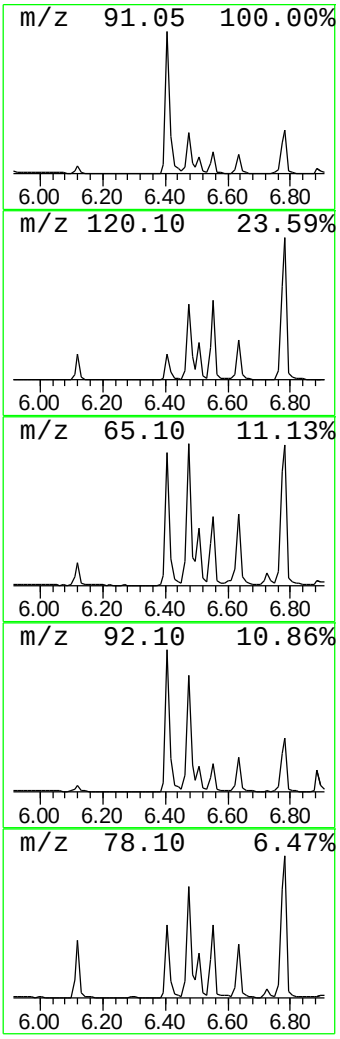
Peak Number 7 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	21.08 ng	2050570	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
3	n-Butylbenzylamine	163	C11H17N	002403-22-7	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
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Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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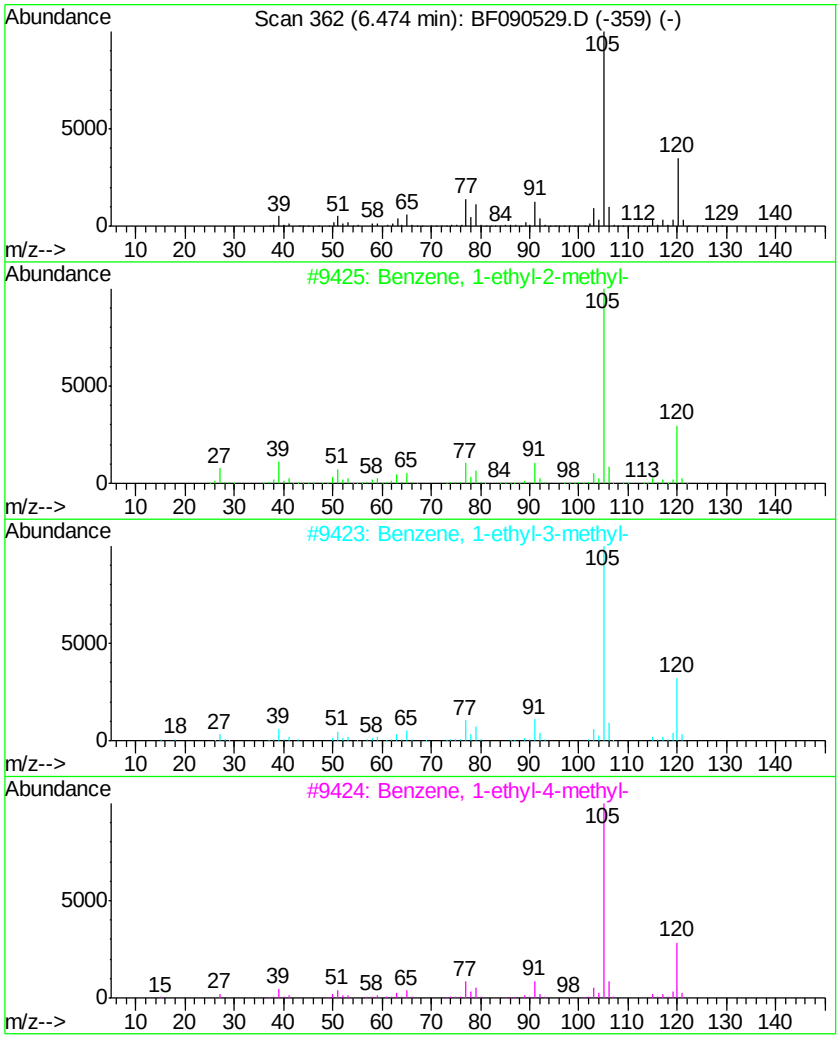
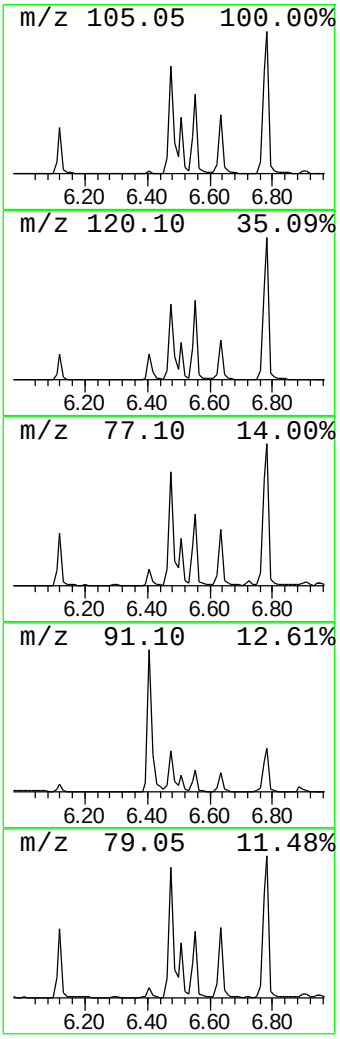
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	67.66 ng	6582820	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090529.D
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Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

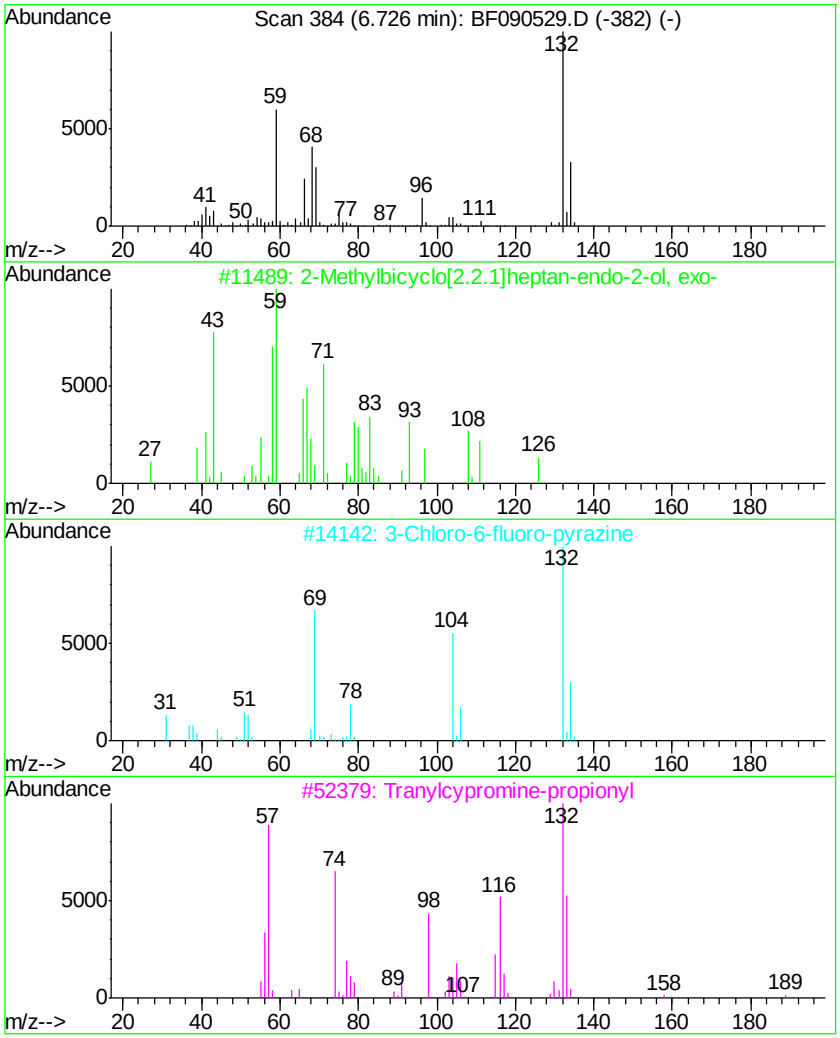
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

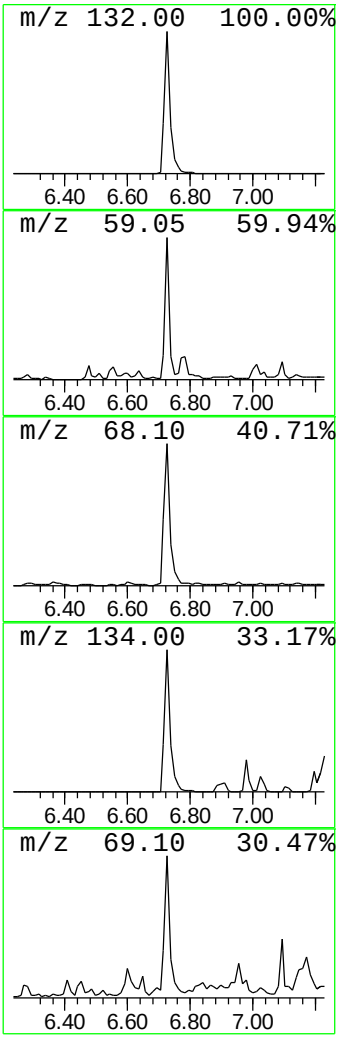
****

Peak Number 10 unknown6.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	31.06 ng	3021810	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbicyclo[2.2.1]heptan-end...	126	C8H14O	1000138-89-4	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	14
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF090529.D
Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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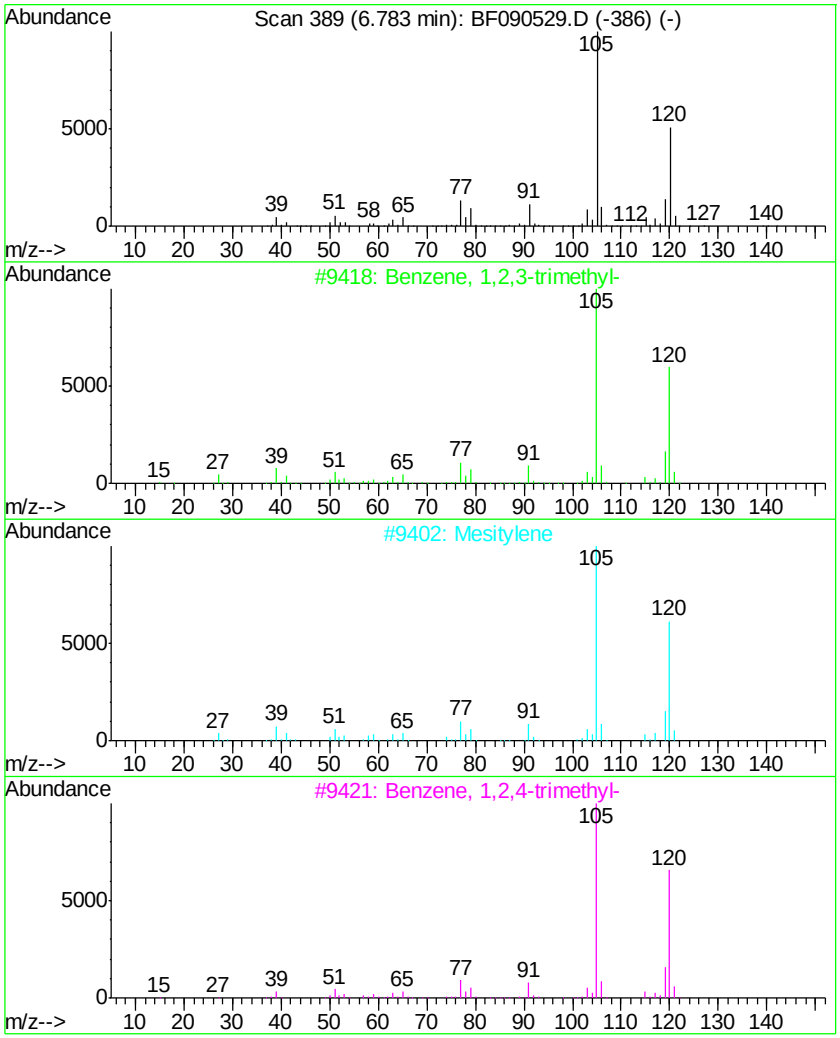
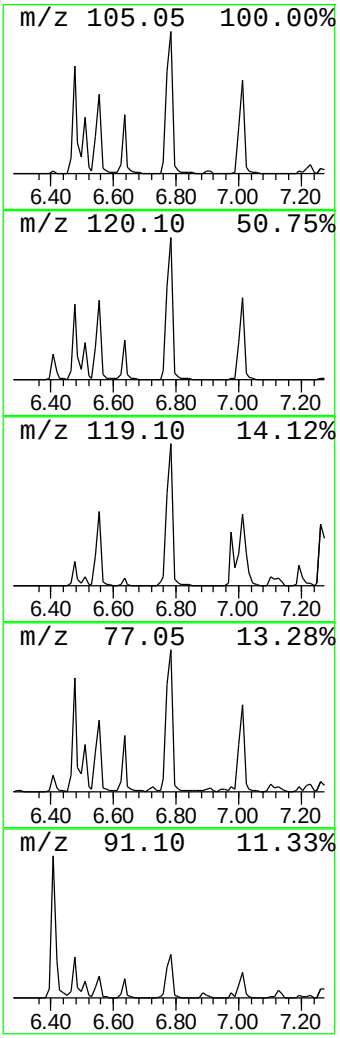
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	110.74 ng	10774200	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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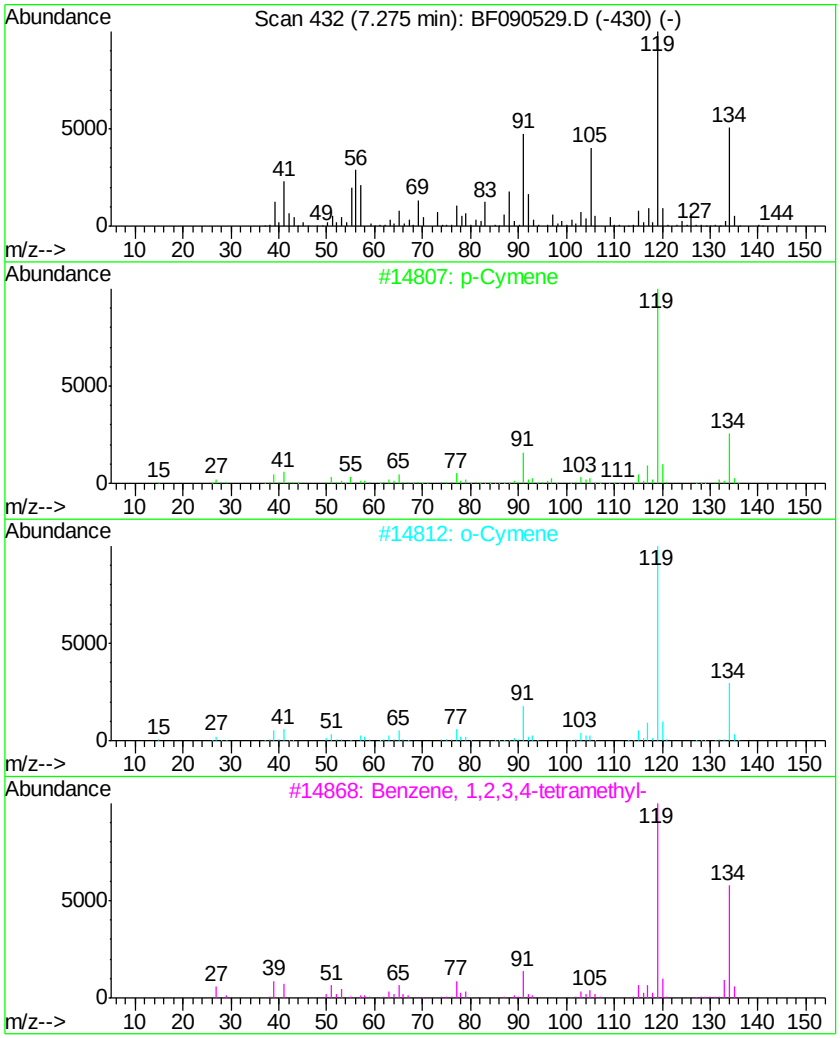
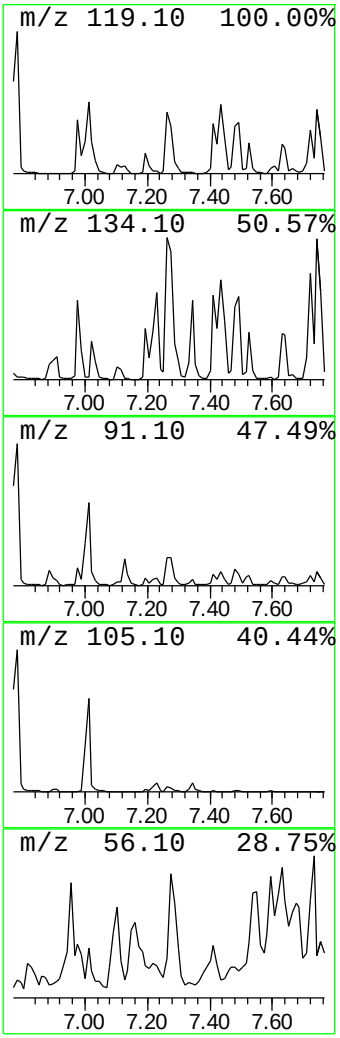
Peak Number 14 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	26.41 ng	2569360	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





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Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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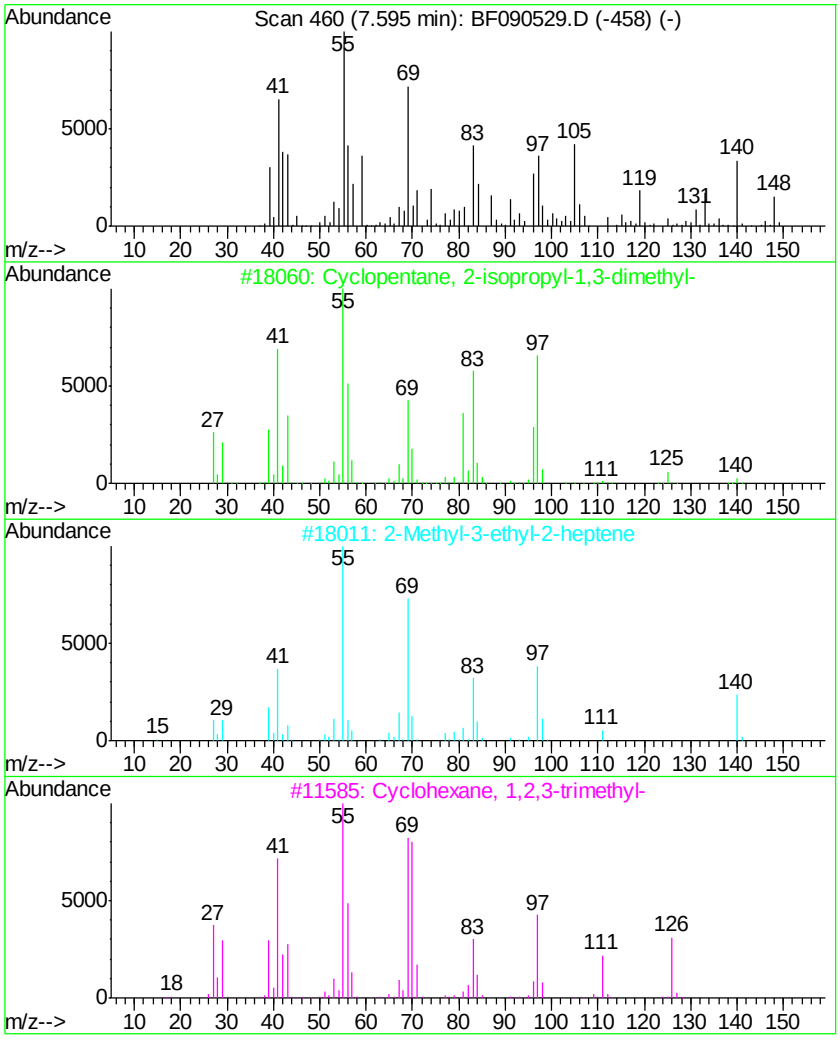
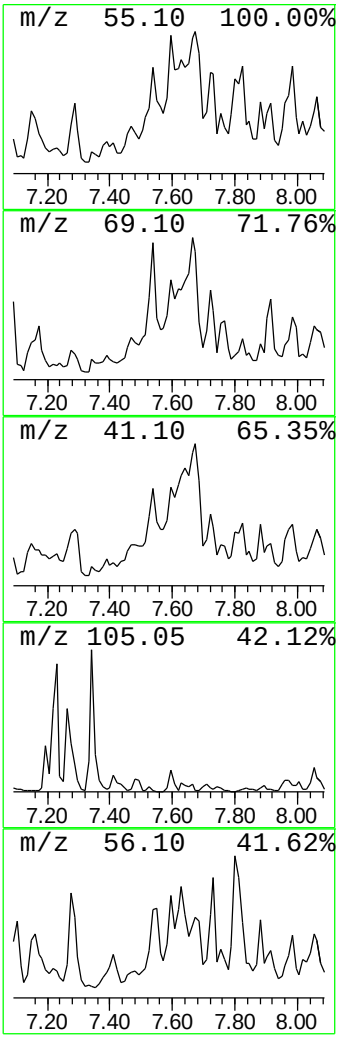
Peak Number 15 unknown7.59 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	12.98 ng	1262490	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	43
2	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	38
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	35
4	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	22
5	4-Decene	140	C10H20	019689-18-0	18





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Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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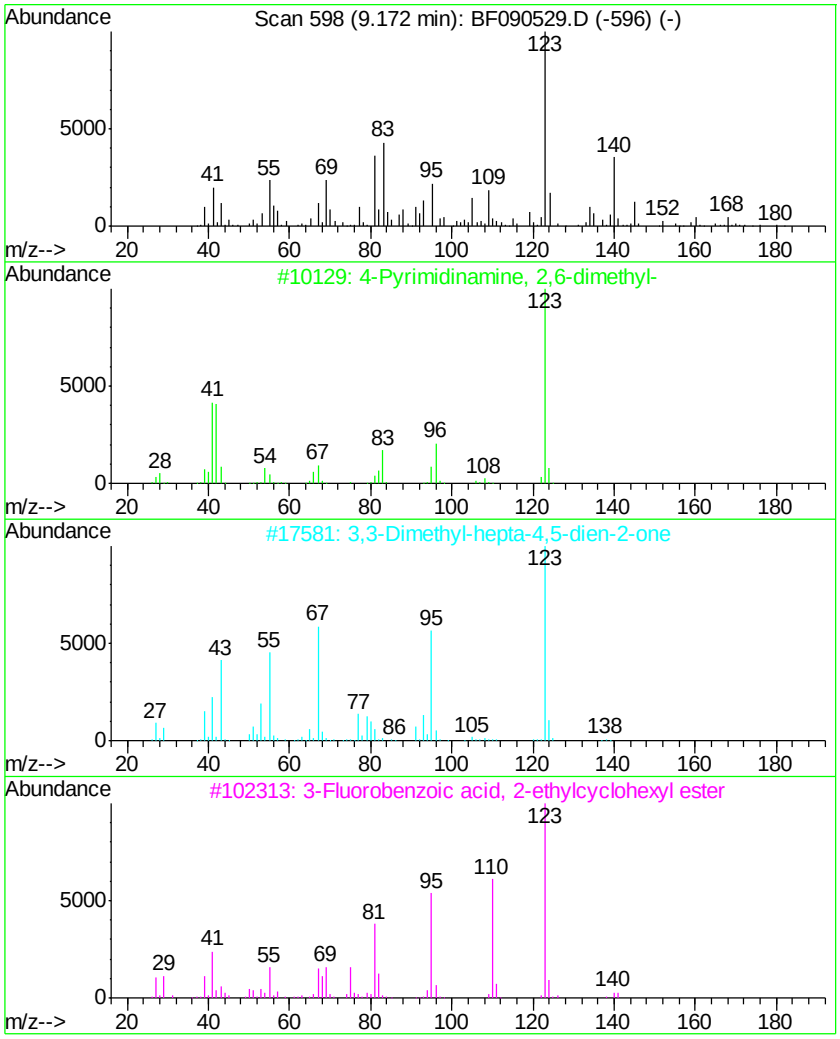
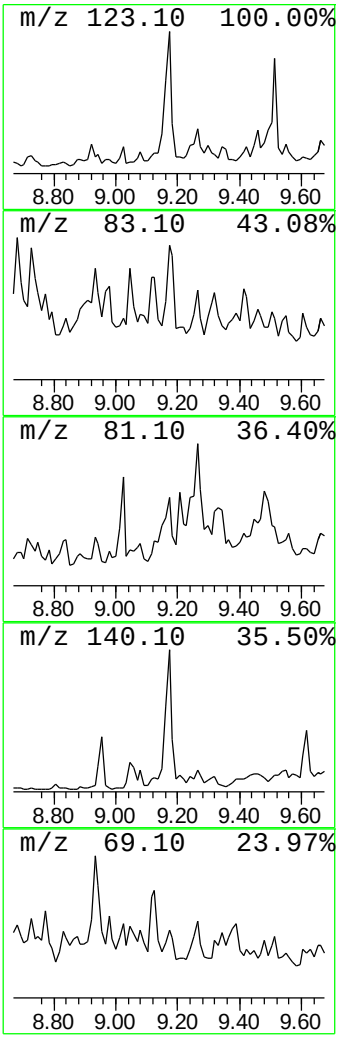
Peak Number 16 unknown9.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	11.57 ng	1253890	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	43
2	3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	43
3	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	43
4	Phorone	138	C9H14O	000504-20-1	42
5	Ethanone, 1-[2-methyl-5-(1-methy...	166	C11H18O	074063-72-2	38





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Data File : BF090529.D
Acq On : 12 Oct 2016 12:21
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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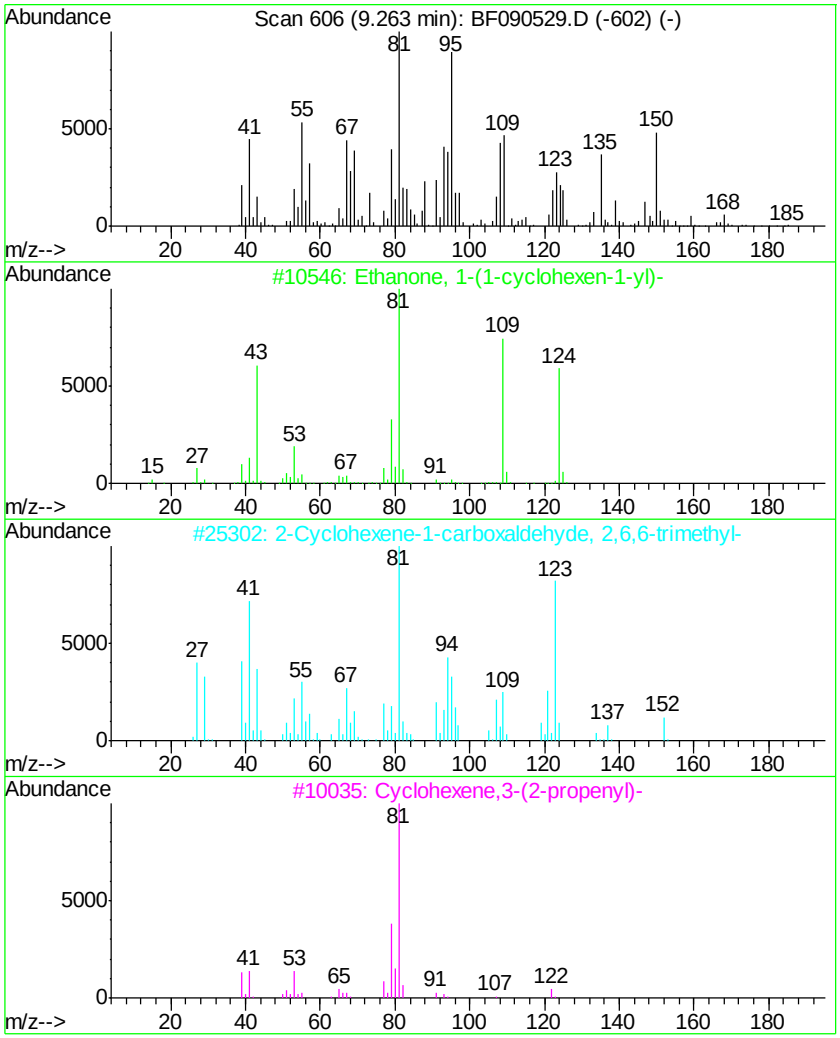
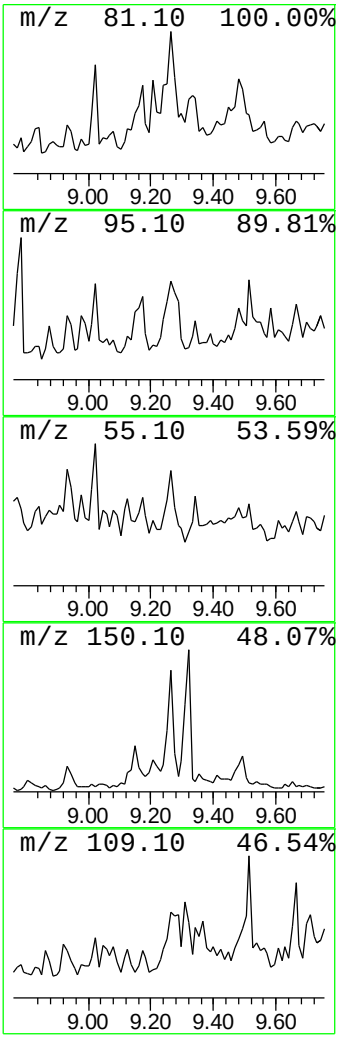
Peak Number 17 unknown9.26 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	16.97 ng	1839250	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	25
2	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	22
3	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	15
4	5-Hydroxy-2-pyridinecarbaldehyde	123	C6H5NO2	031191-08-9	14
5	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	14





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Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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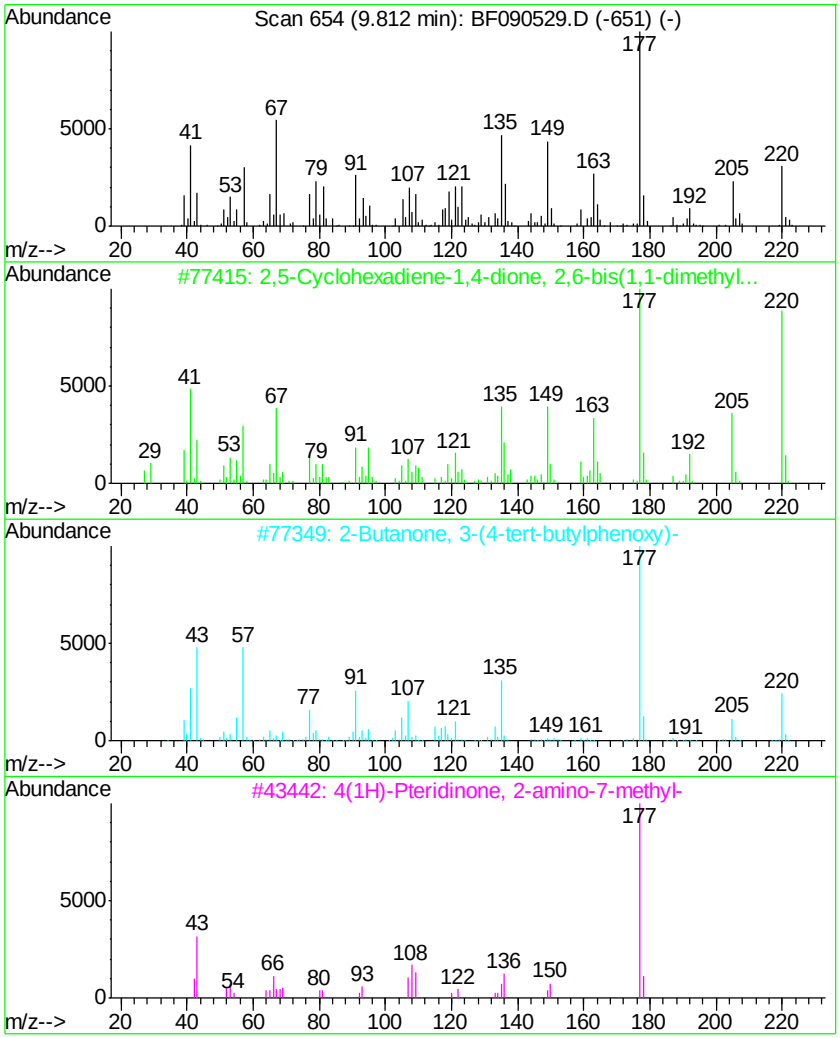
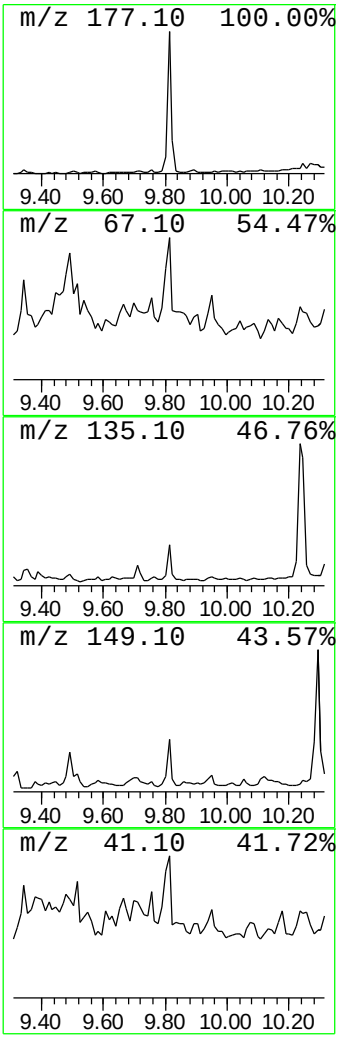
Peak Number 18 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	10.03 ng	1087550	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	97
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	41
3	4(1H)-Pteridinone, 2-amino-7-met...	177	C7H7N5O	013040-58-9	38
4	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	38
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	38





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Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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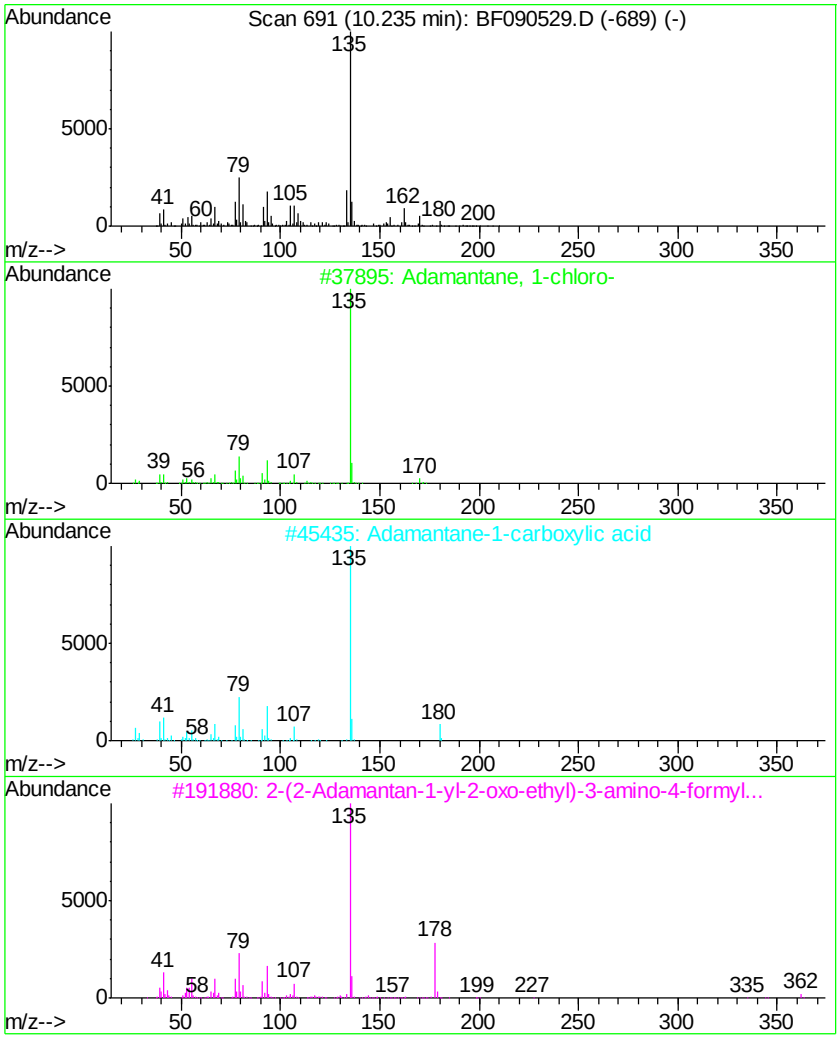
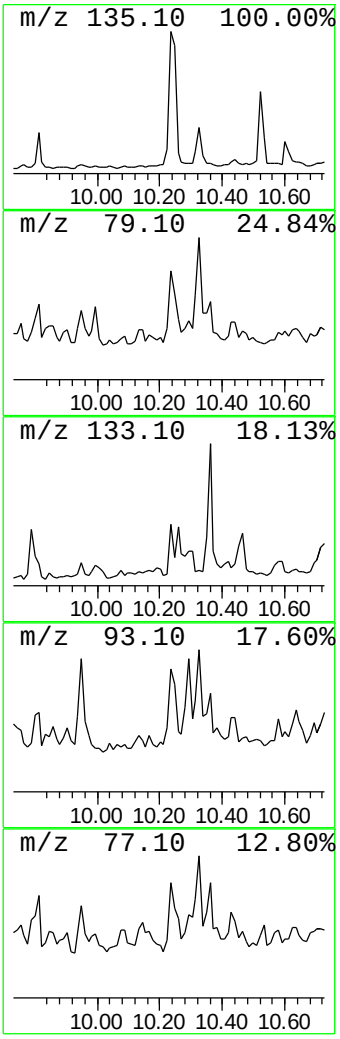
Peak Number 19 Adamantane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	13.99 ng	1516360	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	76
2	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	70
3	2-(2-Adamantan-1-yl-2-oxo-ethyl)...	362	C21H22N4O2	1000277-75-6	64
4	Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	64
5	Adamantane-1-carboxylic acid, 4-...	284	C18H20O3	1000276-61-1	64





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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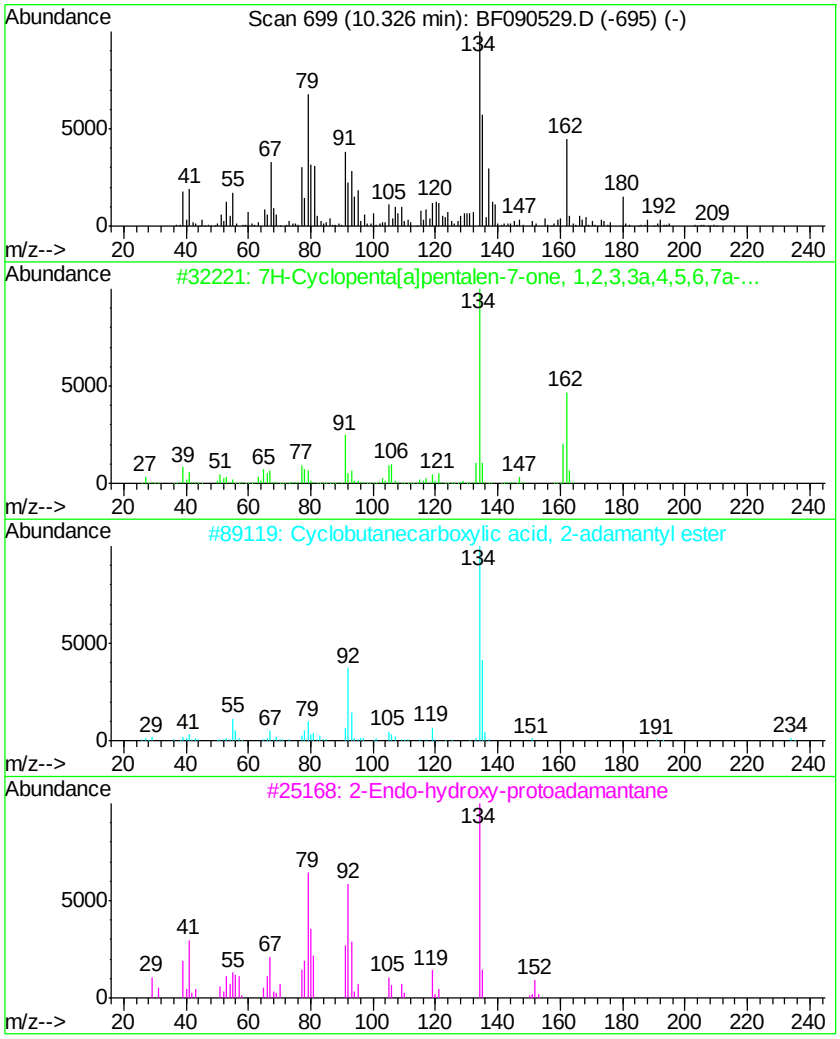
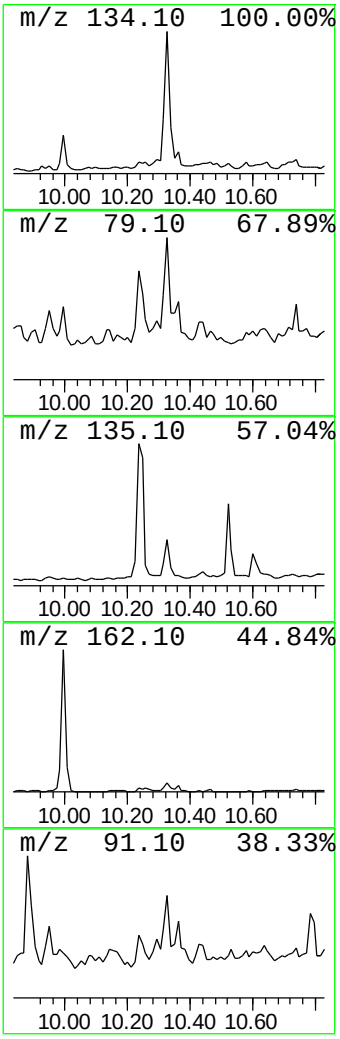
Peak Number 20 unknown10.33 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	12.11 ng	1313130	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Cyclopenta[a]pentalen-7-one, ...	162	C11H14O	108686-36-8	38
2	Cyclobutanecarboxylic acid, 2-ad...	234	C15H22O2	1000282-88-4	38
3	2-Endo-hydroxy-protoadamantane	152	C10H16O	1000146-18-7	38
4	Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	30
5	Pyridine, 2,6-diethyl-	135	C9H13N	000935-28-4	30





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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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
3-Pentanone, 2,2-...	4.55	12.1	ng	1174880	1	6.95	1945800	20.0
2-Pentanone, 4-hy...	5.17	50.0	ng	4866670	1	6.95	1945800	20.0
Benzene, (1-methy...	6.12	24.0	ng	2334400	1	6.95	1945800	20.0
Benzene, propyl-	6.41	21.1	ng	2050570	1	6.95	1945800	20.0
Benzene, 1-ethyl-...	6.47	67.7	ng	6582820	1	6.95	1945800	20.0
unknown6.73	6.73	31.1	ng	3021810	1	6.95	1945800	20.0
Benzene, 1,2,3-tr...	6.78	110.7	ng	10774200	1	6.95	1945800	20.0
p-Cymene	7.27	26.4	ng	2569360	1	6.95	1945800	20.0
unknown7.59	7.59	13.0	ng	1262490	1	6.95	1945800	20.0
unknown9.17	9.17	11.6	ng	1253890	3	9.99	2168120	20.0
unknown9.26	9.26	17.0	ng	1839250	3	9.99	2168120	20.0
2,5-Cyclohexadien...	9.81	10.0	ng	1087550	3	9.99	2168120	20.0
Adamantane, 1-chl...	10.23	14.0	ng	1516360	3	9.99	2168120	20.0
unknown10.33	10.33	12.1	ng	1313130	3	9.99	2168120	20.0