LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087955.D
Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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	1.735	12	13	22	rVB	175847	271941	7.95%	0.643%
2	1.861	22	24	66	rVB	1541483	2936562	85.89%	6.943%
3	4.959	293	295	302	rBV	70463	113004	3.31%	0.267%
4	5.393	330	333	335	rVB	1506455	1645624	48.13%	3.891%
5	5.953	379	382	385	rBV	152717	141572	4.14%	0.335%
6	6.250	407	408	410	rVB	155975	119129	3.48%	0.282%
7	6.433	421	424	426	rVB	1202035	1120035	32.76%	2.648%
8	6.570	433	436	438	rBV	2272478	2645409	77.37%	6.254%
9	6.753	448	452	454	rBV2	120998	145578	4.26%	0.344%
10	6.799	454	456	458	rBV	808648	691047	20.21%	1.634%
11	6.959	467	470	472	rBV	2405787	2443636	71.47%	5.777%
12	7.050	476	478	480	rVV	179755	159187	4.66%	0.376%
13	7.142	483	486	489	rBV2	161076	196348	5.74%	0.464%
14	7.199	489	491	493	rBV2	31090	42018	1.23%	0.099%
15	7.370	501	506	509	rBV2	1949933	2876193	84.12%	6.800%
16	7.450	511	513	515	rBV	109943	103495	3.03%	0.245%
17	7.496	515	517	519	rVB	94797	89570	2.62%	0.212%
18	7.576	521	524	526	rVB	458491	419702	12.28%	0.992%
19	7.610	526	527	530	rBV3	20158	43525	1.27%	0.103%
20	7.702	533	535	536	rBV2	40701	63756	1.86%	0.151%
21	7.747	536	539	543	rVB2	162399	338359	9.90%	0.800%
22	7.827	543	546	548	rBV	1134632	1138608	33.30%	2.692%
23	7.862	548	549	551	rVB	50316	38329	1.12%	0.091%
24	7.907	551	553	556	rVB	45562	81620	2.39%	0.193%
25	7.965	556	558	559	rBV	54521	57177	1.67%	0.135%
26	7.999	559	561	562	rBV	42087	56526	1.65%	0.134%
27	8.033	562	564	565	rVB2	31634	41277	1.21%	0.098%
28	8.090	565	569	570	rBV	978713	1212069	35.45%	2.866%
29	8.136	572	573	575	rVB	184761	145503	4.26%	0.344%
30	8.182	575	577	578	rBV2	78097	77461	2.27%	0.183%
31	8.216	578	580	581	rBV2	42341	46126	1.35%	0.109%
32	8.250	581	583	584	rVB	58801	56774	1.66%	0.134%
33	8.285	584	586	588	rBV	172450	188583	5.52%	0.446%
34	8.330	588	590	596	rVV5	121449	305345	8.93%	0.722%

LSC Area Percent Report

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Data File : BF087955.D
Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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	8.467	601	602	604	rVB2	108378	129980	3.80%	0.307%
36	8.559	604	610	611	rBV	155584	168353	4.92%	0.398%
37	8.593	611	613	614	rBV	229828	186772	5.46%	0.442%
38	8.650	617	618	619	rBV	57857	49688	1.45%	0.117%
39	8.673	619	620	622	rVB2	34497	40791	1.19%	0.096%
40	8.753	622	627	628	rBV2	246007	366472	10.72%	0.866%
41	8.788	628	630	632	rVB2	25924	37299	1.09%	0.088%
42	8.833	632	634	636	rBV2	30981	39755	1.16%	0.094%
43	8.902	637	640	642	rBV	1640327	1516458	44.35%	3.585%
44	8.936	642	643	645	rVV2	49541	62383	1.82%	0.147%
45	8.970	645	646	649	rVB3	78211	113951	3.33%	0.269%
46	9.039	649	652	654	rVB4	48604	122105	3.57%	0.289%
47	9.085	654	656	658	rBV3	44078	62691	1.83%	0.148%
48	9.130	658	660	661	rBV2	45761	70522	2.06%	0.167%
49	9.165	661	663	666	rBV	2517237	3418987	100.00%	8.083%
50	9.325	675	677	678	rBV2	123234	140756	4.12%	0.333%
51	9.359	678	680	683	rVB3	114350	170634	4.99%	0.403%
52	9.428	683	686	688	rBV	224424	316746	9.26%	0.749%
53	9.473	688	690	691	rBV2	96573	123188	3.60%	0.291%
54	9.496	691	692	694	rVV	314579	413078	12.08%	0.977%
55	9.530	694	695	697	rVV2	242319	213457	6.24%	0.505%
56	9.633	699	704	705	rVV4	106957	278697	8.15%	0.659%
57	9.702	708	710	712	rVB2	94615	112494	3.29%	0.266%
58	9.748	712	714	716	rBV2	132630	158205	4.63%	0.374%
59	9.839	719	722	726	rBV	1199284	1533273	44.85%	3.625%
60	9.931	728	730	733	rBV4	50387	92999	2.72%	0.220%
61	10.045	739	740	742	rVB2	80079	64569	1.89%	0.153%
62	10.136	744	748	749	rBV3	111311	279570	8.18%	0.661%
63	10.171	749	751	752	rVV	420775	563126	16.47%	1.331%
64	10.205	752	754	755	rVV	207155	278286	8.14%	0.658%
65	10.262	757	759	762	rVB4	86141	155760	4.56%	0.368%
66	10.331	762	765	769	rBV3	239172	639853	18.71%	1.513%
67	10.422	771	773	776	rVB4	109647	212204	6.21%	0.502%
68	10.559	782	785	786	rBV2	151659	225402	6.59%	0.533%
69	10.593	786	788	789	rBV2	289011	367004	10.73%	0.868%
70	10.628	789	791	793	rBV2	1438086	1990552	58.22%	4.706%
71	10.742	800	801	803	rVB2	71676	97906	2.86%	0.231%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	10.788	803	805	806	rVB2	48827	45364	1.33%	0.107%
73	10.822	806	808	814	rVB4	87943	225363	6.59%	0.533%
74	10.959	818	820	823	rVB	122871	128811	3.77%	0.305%
75	11.039	825	827	832	rVB5	73208	160744	4.70%	0.380%
76	11.142	835	836	840	rBV2	38149	71109	2.08%	0.168%
77	11.233	842	844	846	rVB	80801	86981	2.54%	0.206%
78	11.325	849	852	854	rBV	1082605	1093898	31.99%	2.586%
79	11.542	869	871	872	rBV	85458	92522	2.71%	0.219%
80	11.862	898	899	903	rVB3	87880	105120	3.07%	0.249%
81	12.034	912	914	916	rBV2	42347	70999	2.08%	0.168%
82	12.079	916	918	920	rVB	110368	169223	4.95%	0.400%
83	12.651	966	968	970	rVB3	41231	47793	1.40%	0.113%
84	12.696	970	972	974	rVB	87853	84400	2.47%	0.200%
85	12.742	974	976	977	rBV	289746	266764	7.80%	0.631%
86	12.914	988	991	994	rBV	2604983	2812595	82.26%	6.650%
87	13.439	1035	1037	1039	rBV	170363	190538	5.57%	0.450%
88	13.485	1039	1041	1042	rBV2	34608	34463	1.01%	0.081%
89	13.702	1057	1060	1064	rVB3	43105	78500	2.30%	0.186%
90	13.817	1068	1070	1074	rVB	69725	79714	2.33%	0.188%
91	13.954	1080	1082	1084	rBV	873050	793262	23.20%	1.875%
92	14.731	1148	1150	1155	rVB	34184	45734	1.34%	0.108%
93	15.051	1176	1178	1183	rVB	26945	39269	1.15%	0.093%
94	15.371	1203	1206	1208	rBV	455980	622783	18.22%	1.472%
95	15.417	1208	1210	1214	rVB2	27733	49335	1.44%	0.117%
96	16.285	1284	1286	1294	rVB6	12854	35789	1.05%	0.085%

Sum of corrected areas: 42296127

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
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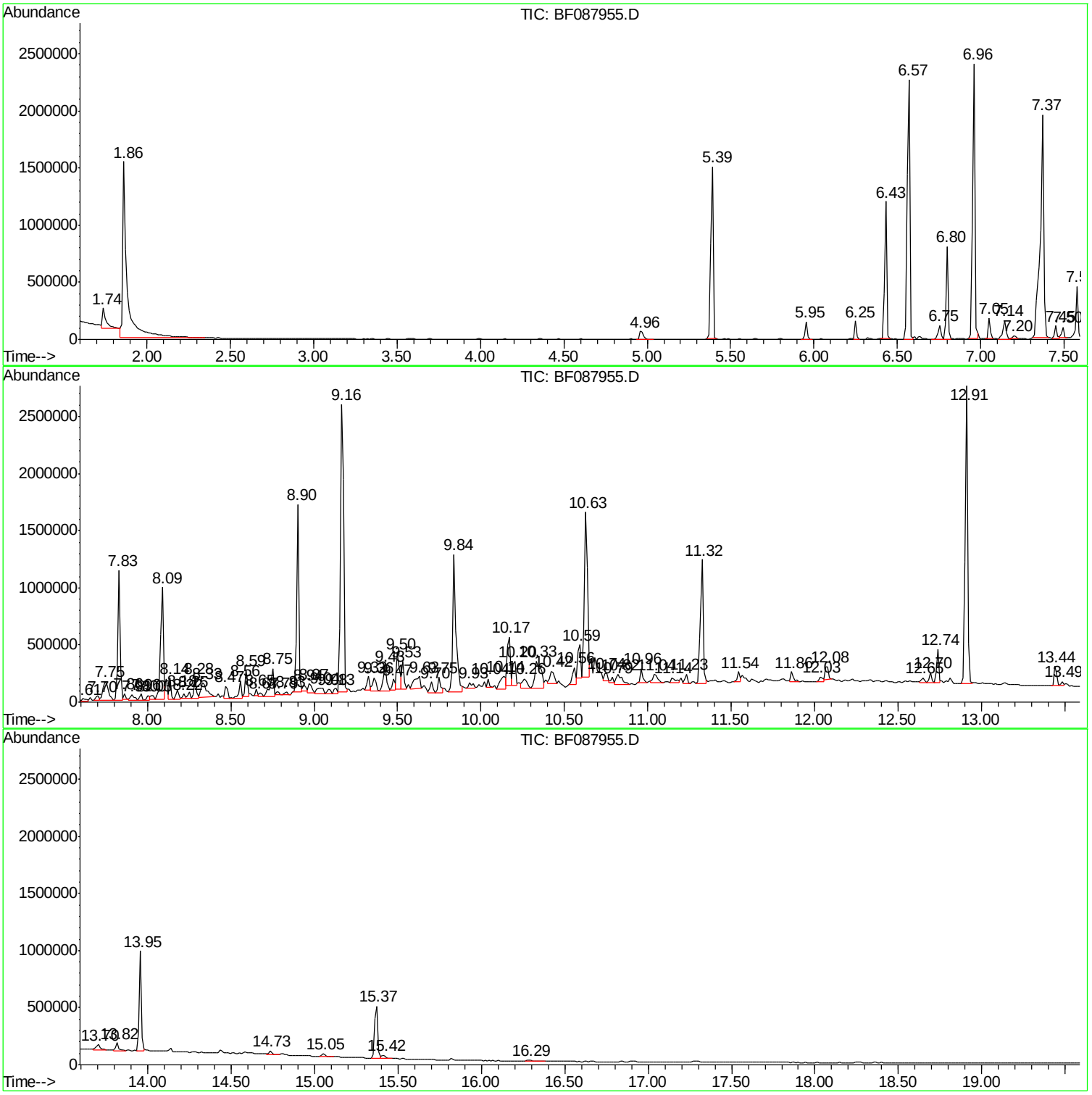
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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 : BF087955.D
Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

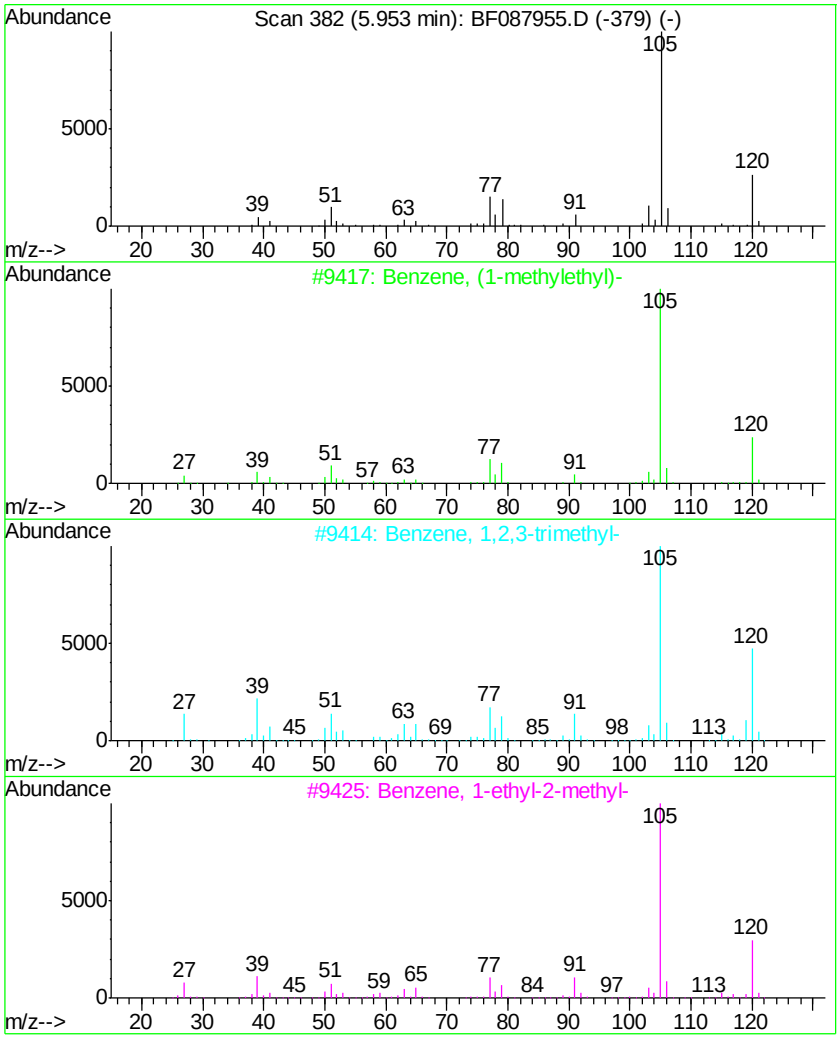
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

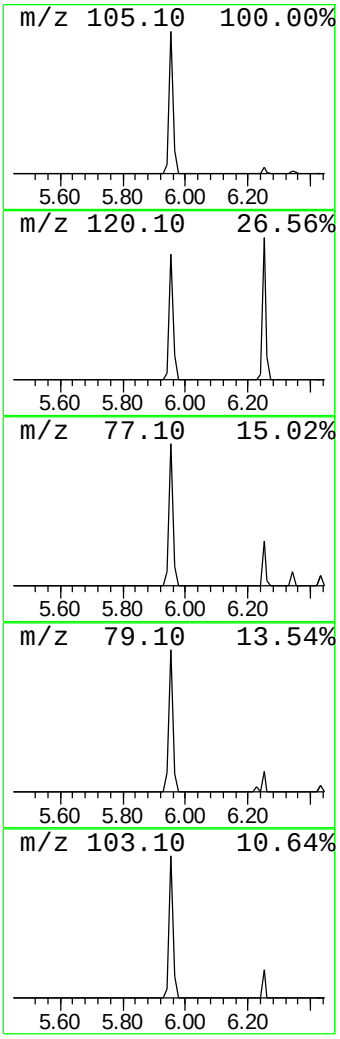
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.10 ng	141572	1,4-Dichlorobenzene-d4	6.80

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	80
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087955.D
Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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

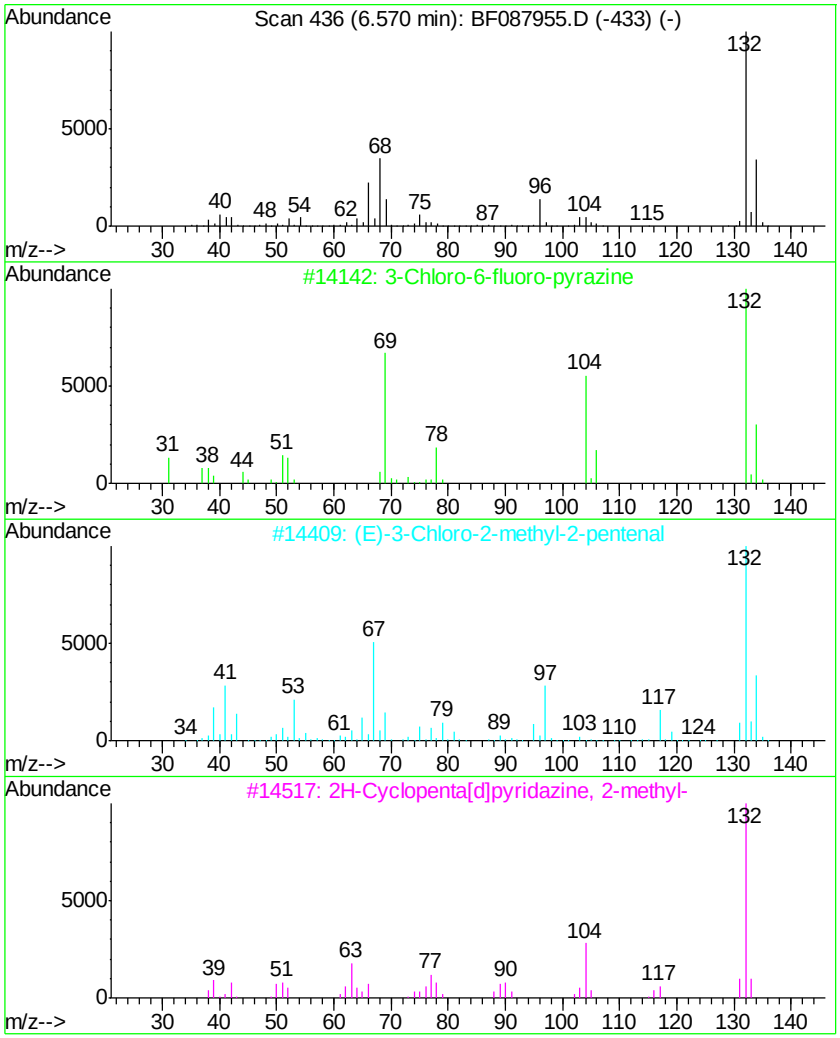
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

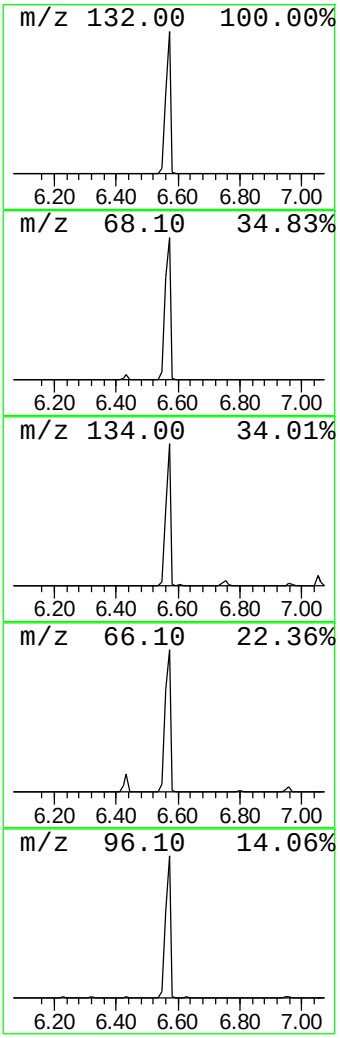
****

Peak Number 4 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	76.56 ng	2645410	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	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Sample : H3490-06
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Instrument : BNA_F
ClientSampleId : W-04

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

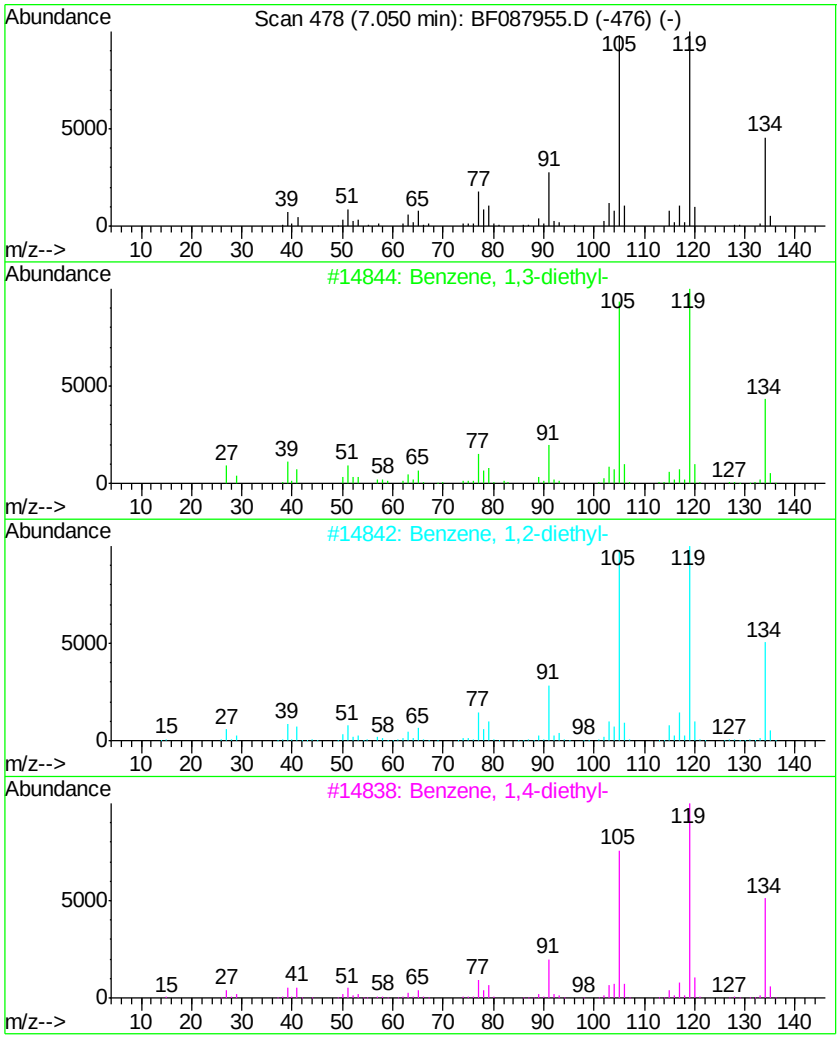
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

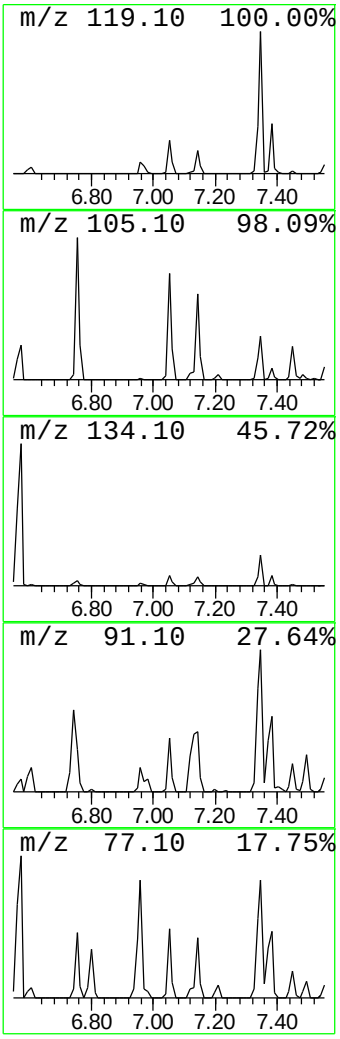
****

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	4.61 ng	159187	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	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087955.D
Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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

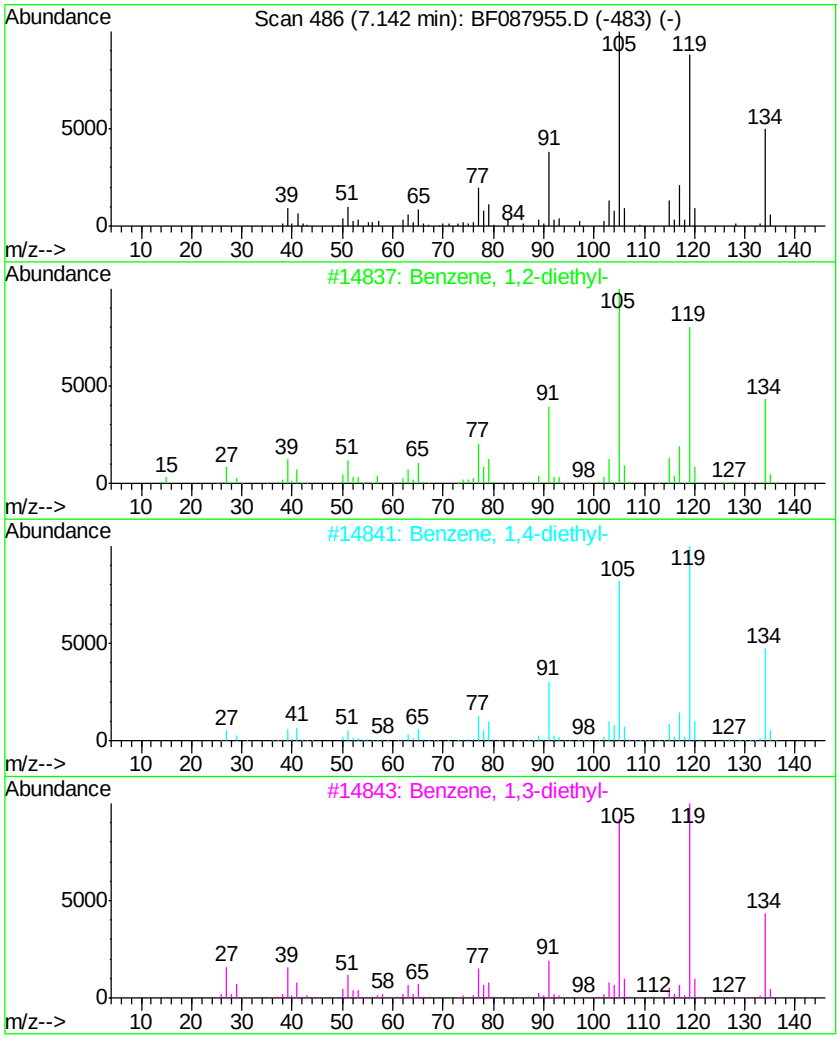
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

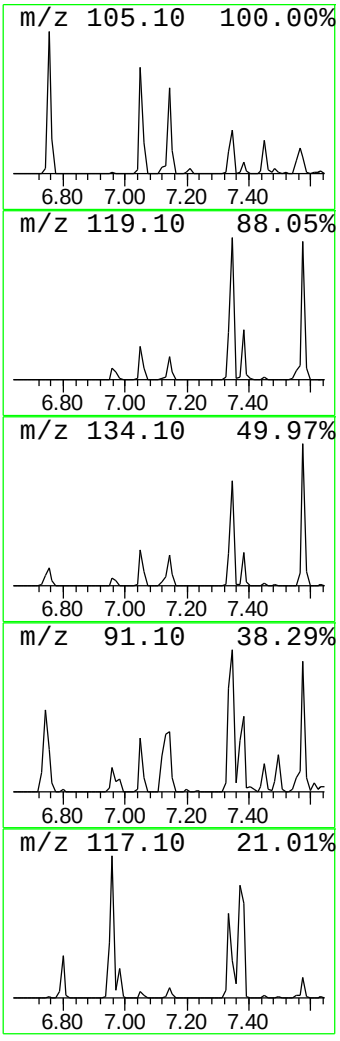
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	5.68 ng	196348	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	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087955.D
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Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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

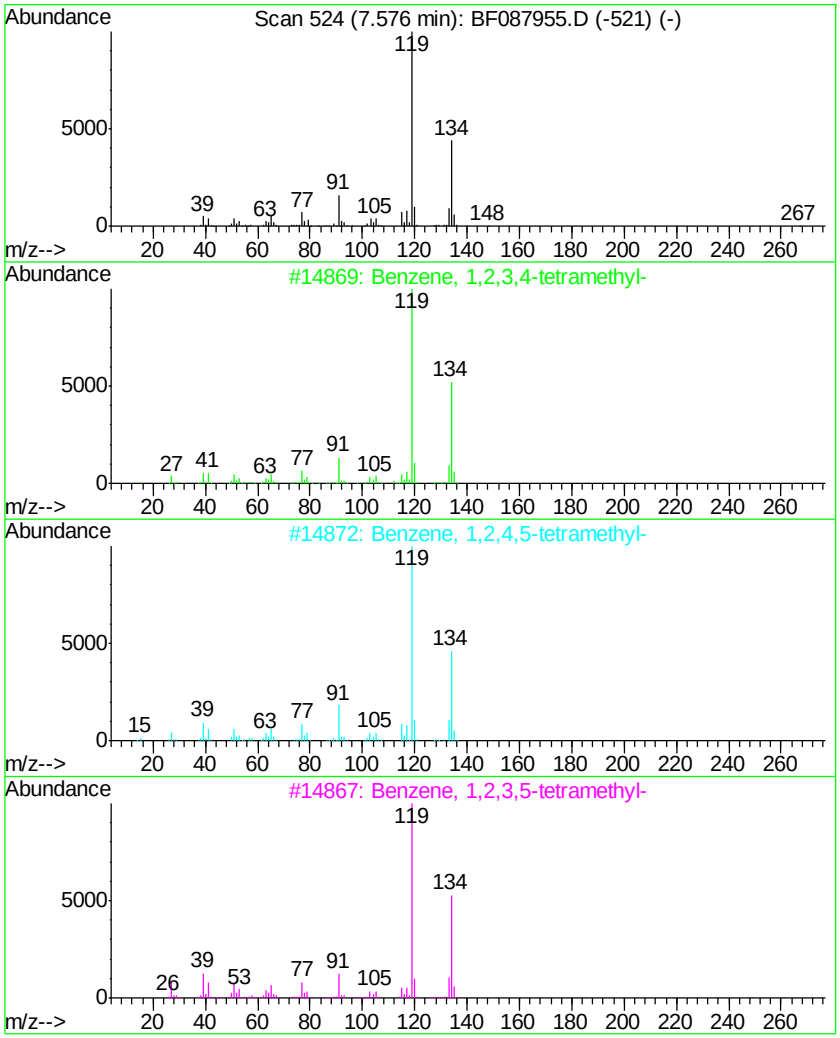
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

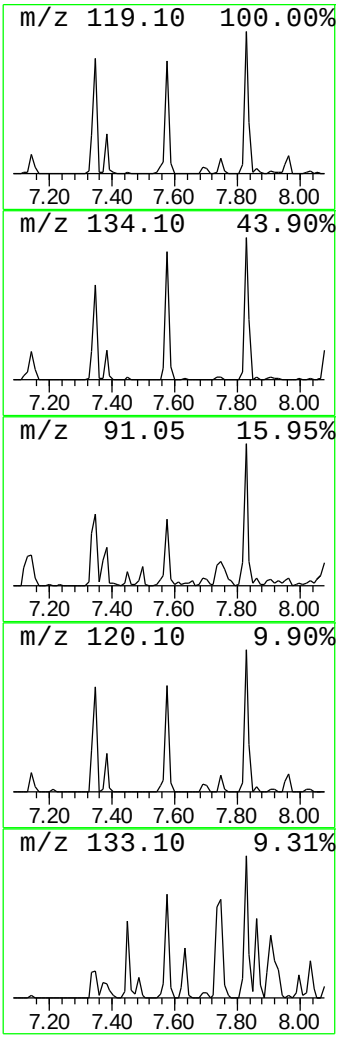
****

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	6.93 ng	419702	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087955.D
Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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

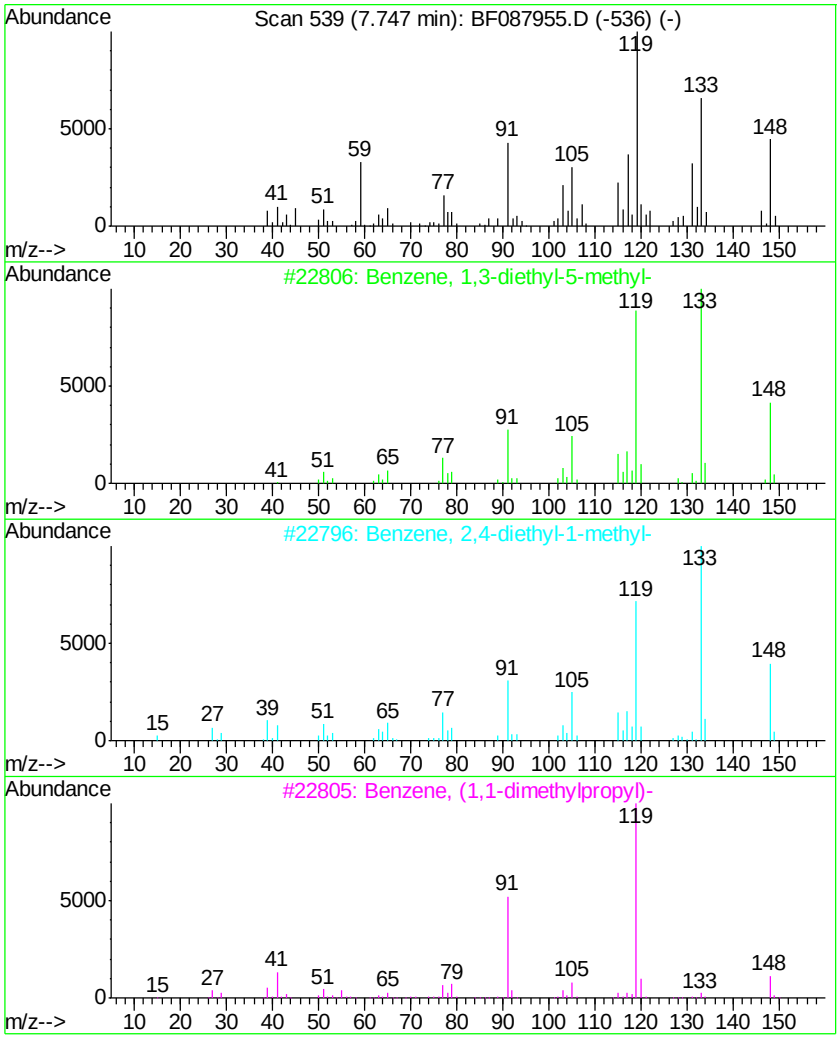
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

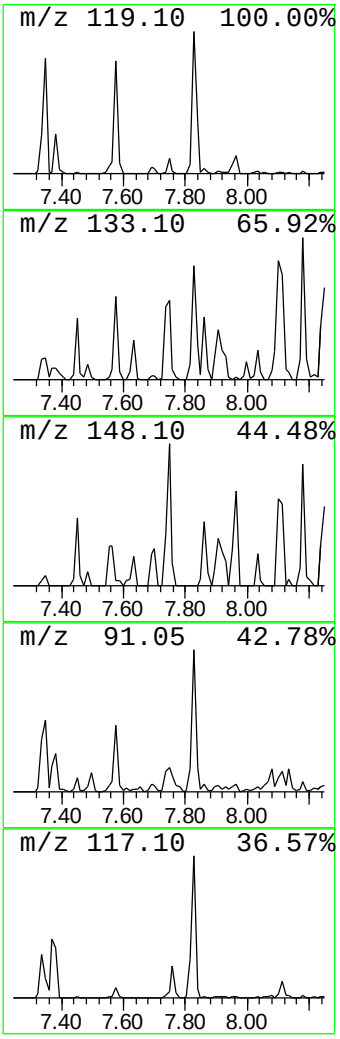
****

Peak Number 9 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	5.58 ng	338359	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	35





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Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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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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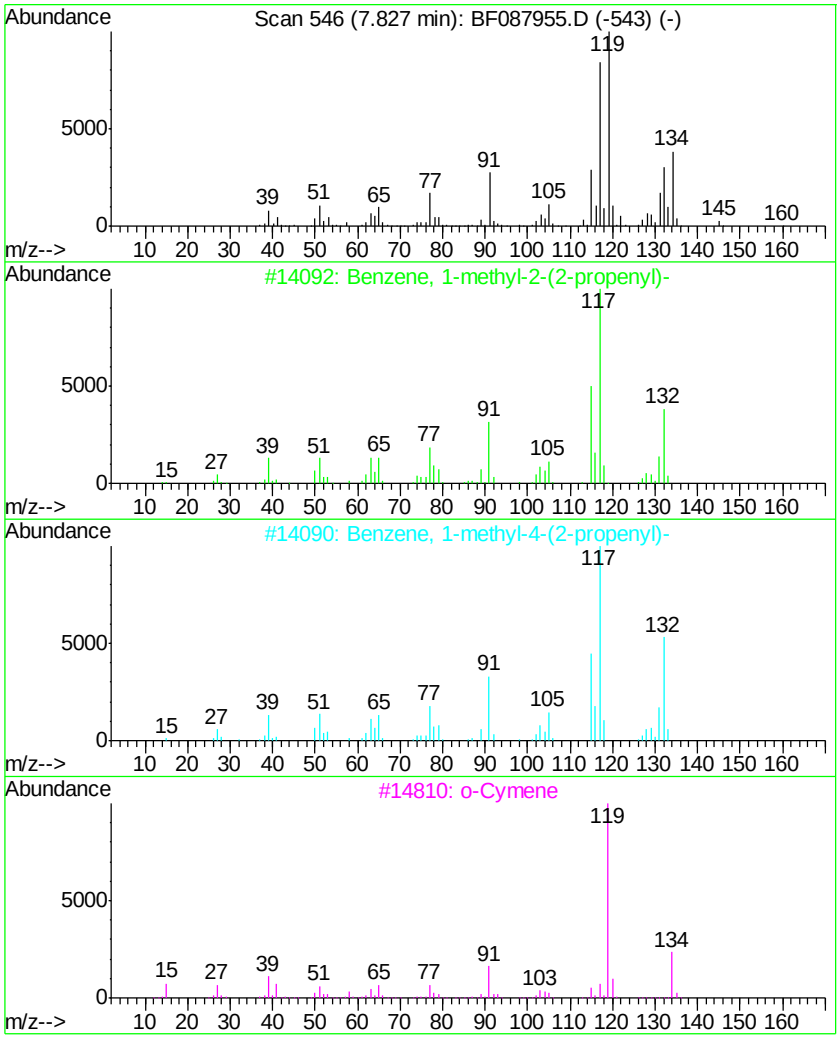
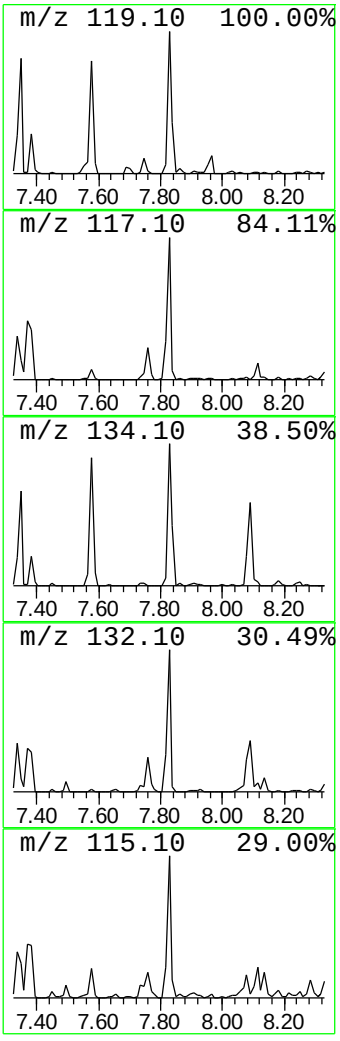
Peak Number 10 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	18.79 ng	1138610	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	o-Cymene	134	C10H14	000527-84-4	50
4	p-Cymene	134	C10H14	000099-87-6	50
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50





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Instrument : BNA_F
ClientSampleId : W-04

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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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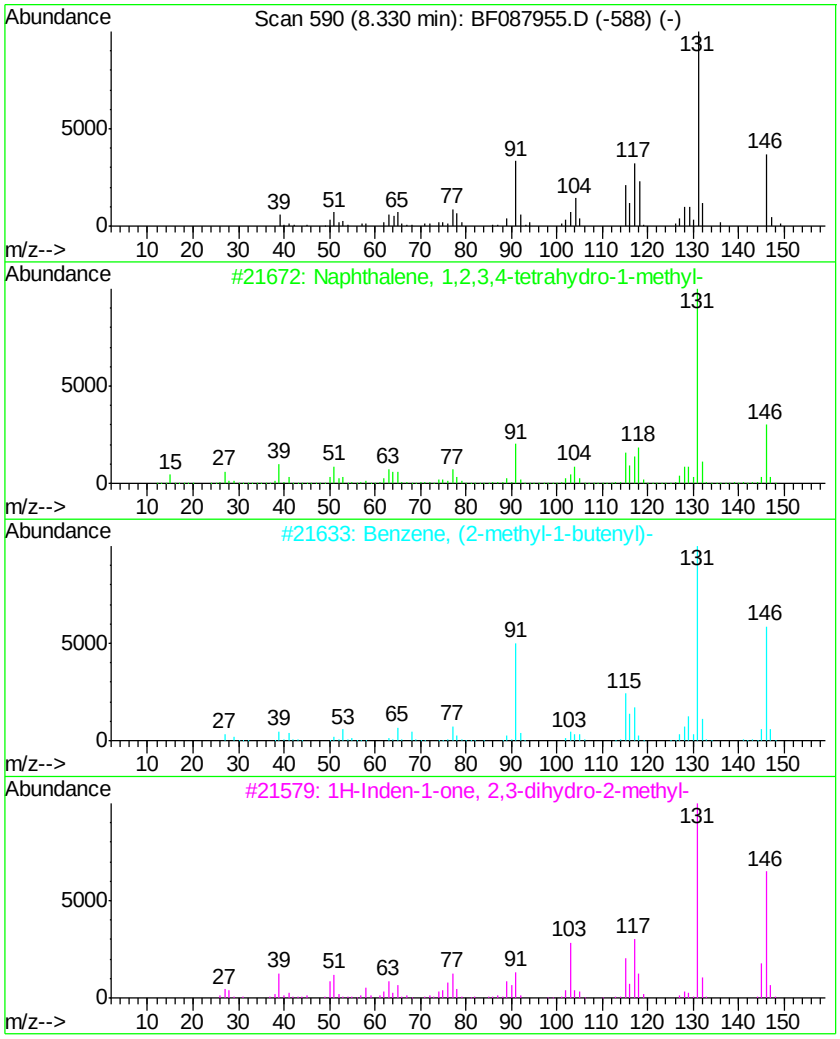
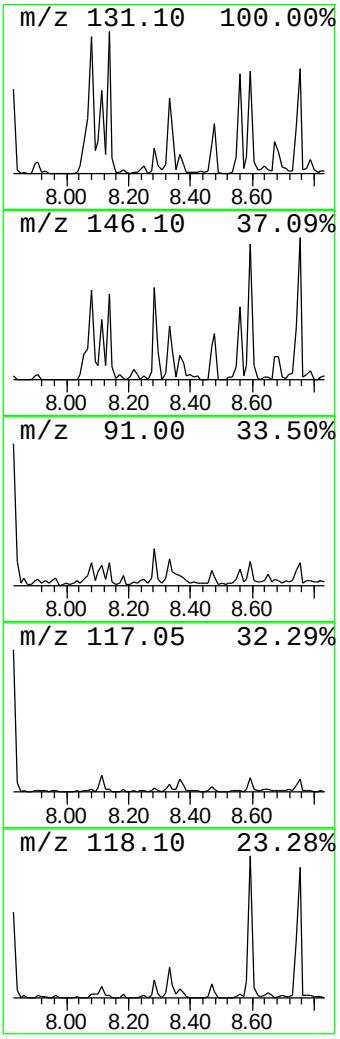
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	5.04 ng	305345	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	97
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





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Misc :
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Instrument : BNA_F
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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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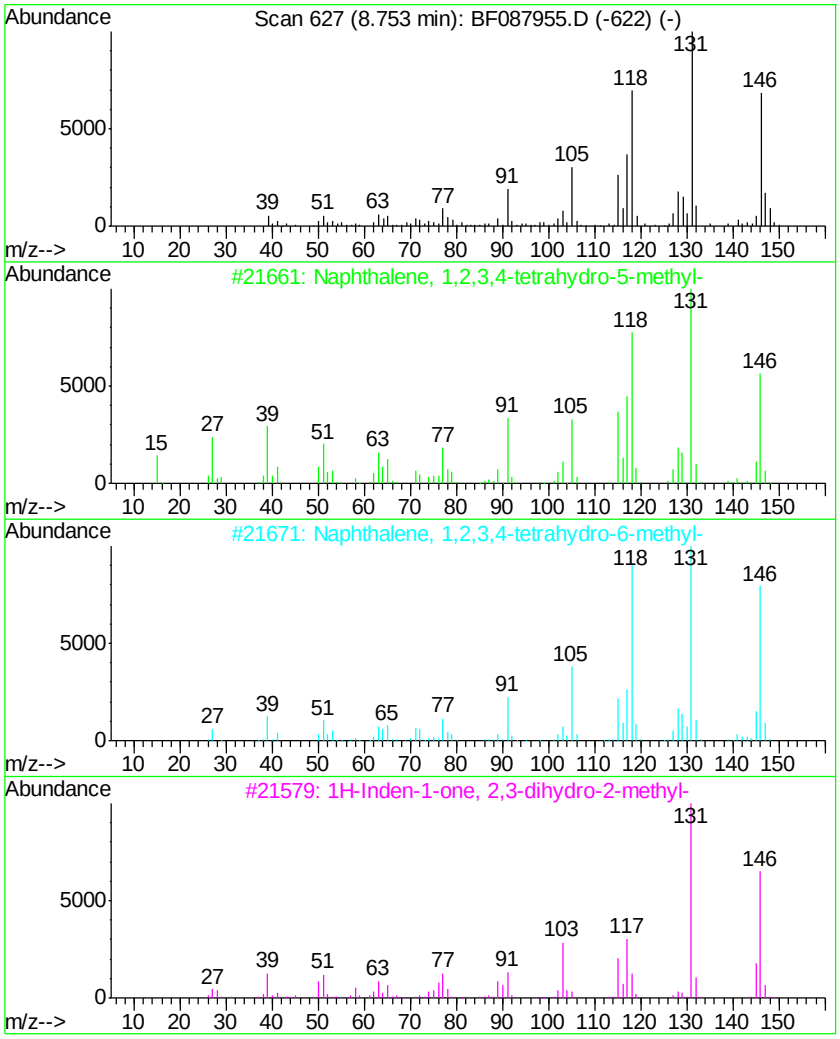
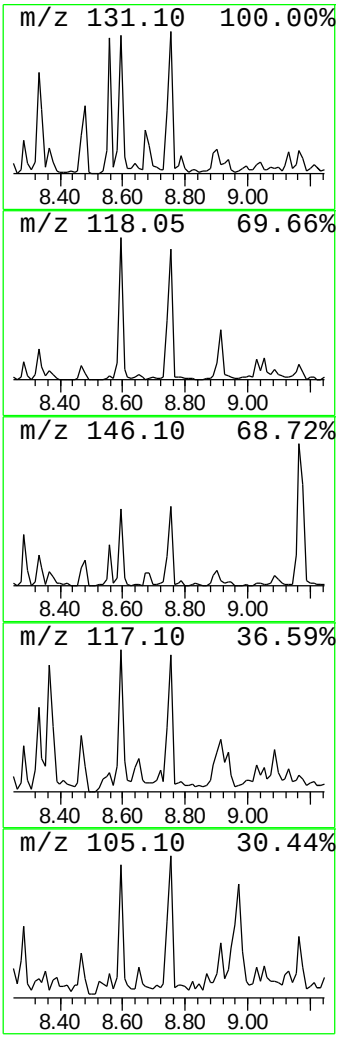
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	6.05 ng	366472	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	58
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58





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Misc :
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Instrument : BNA_F
ClientSampleId : W-04

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

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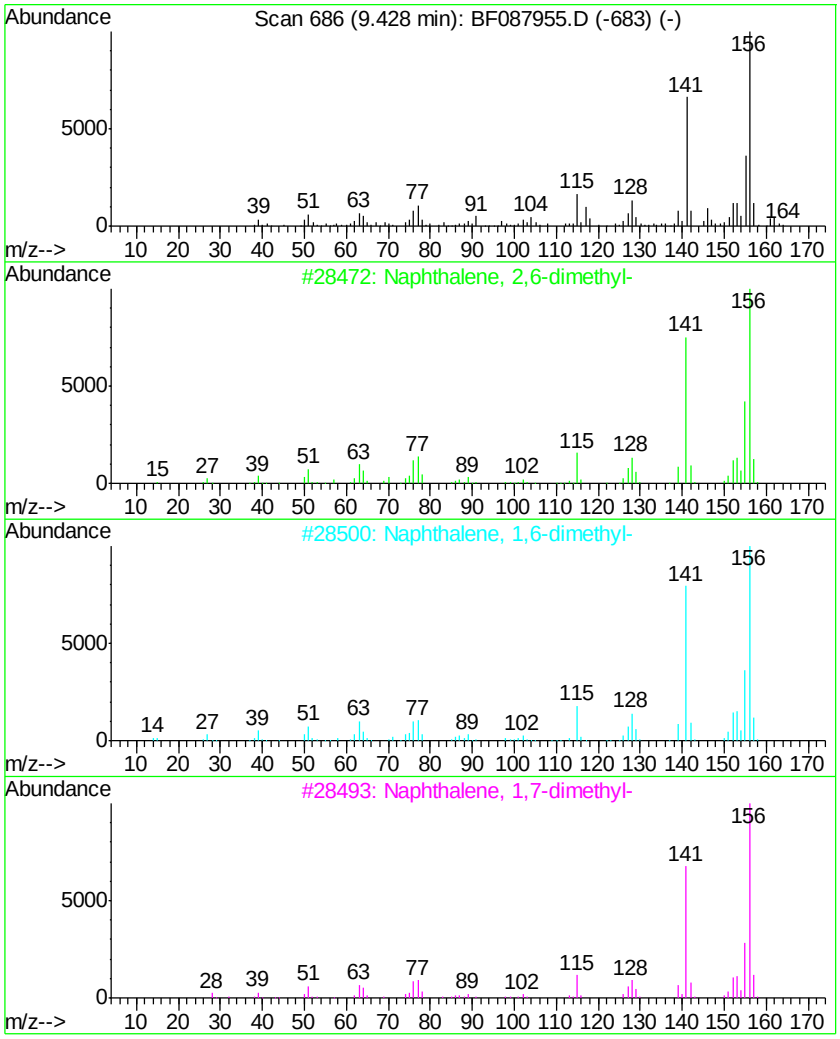
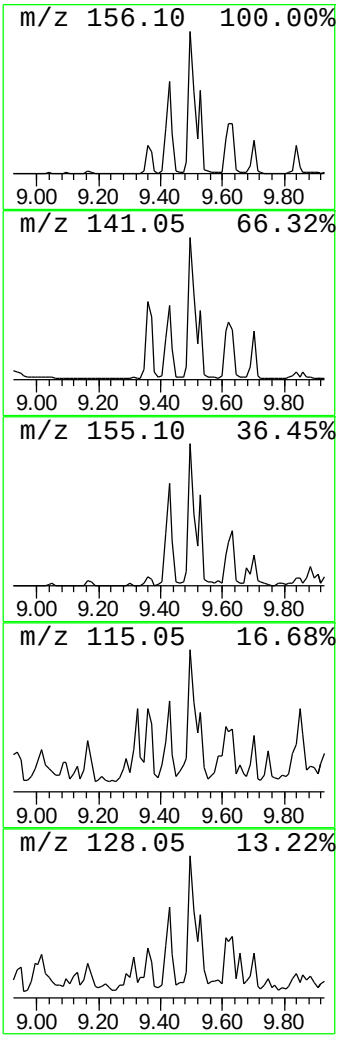
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	4.13 ng	316746	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Instrument : BNA_F
ClientSampleId : W-04

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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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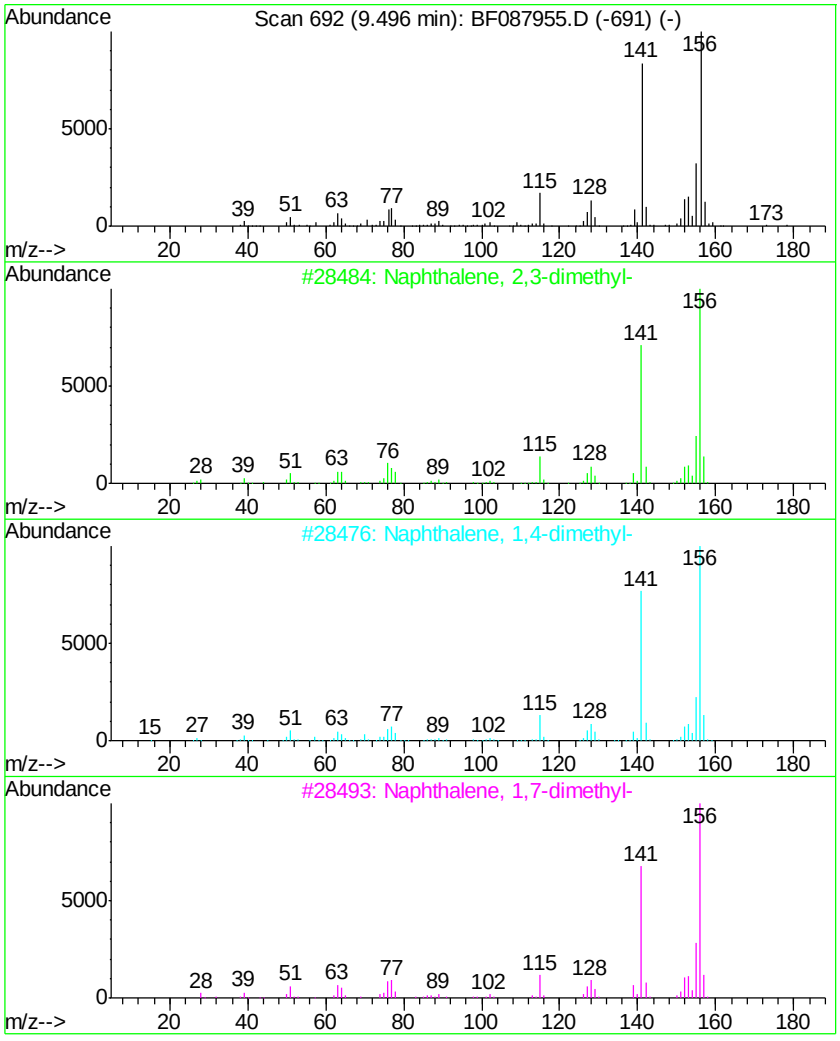
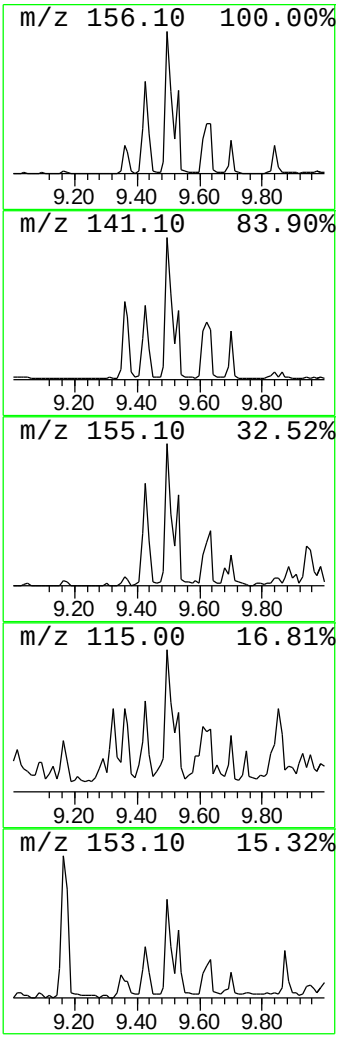
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	5.39 ng	413078	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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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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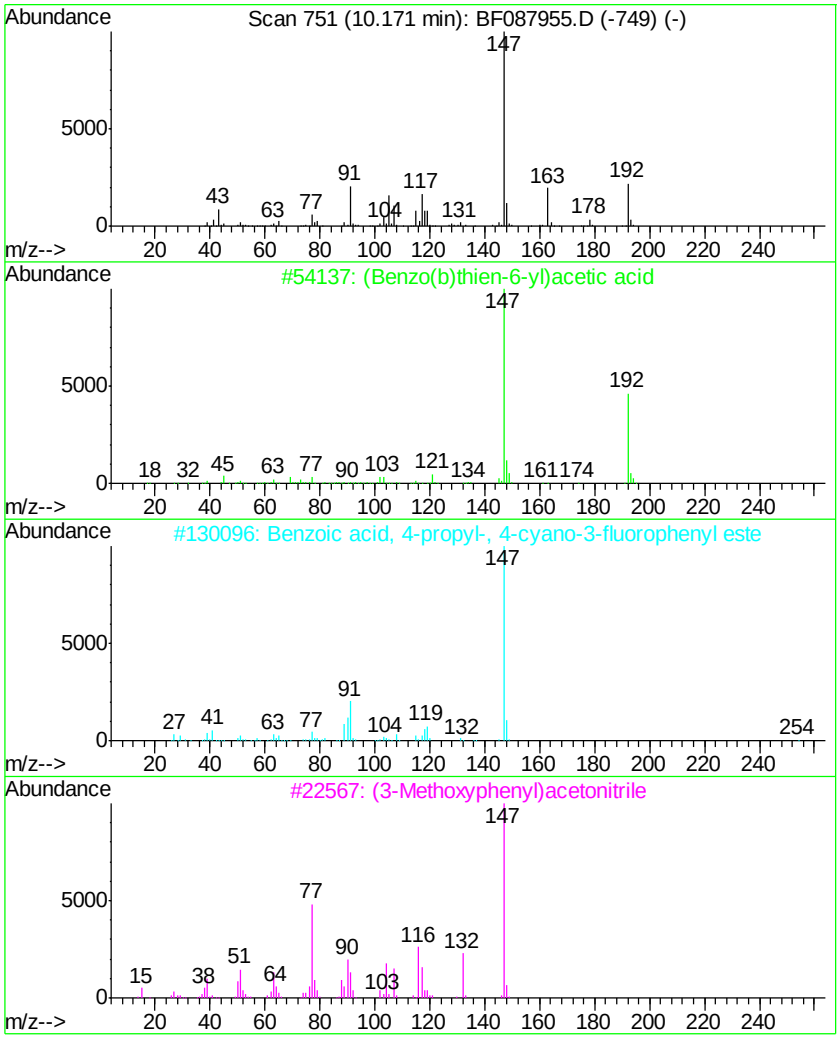
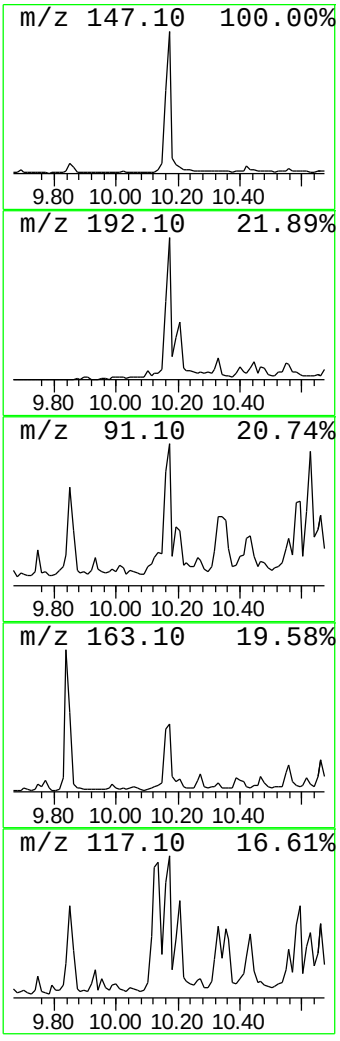
Peak Number 16 (Benzo(b)thien-6-yl)acetic ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	7.35 ng	563126	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	50
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	47
3	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	47
4	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	47
5	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47





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Misc :
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Instrument : BNA_F
ClientSampleId : W-04

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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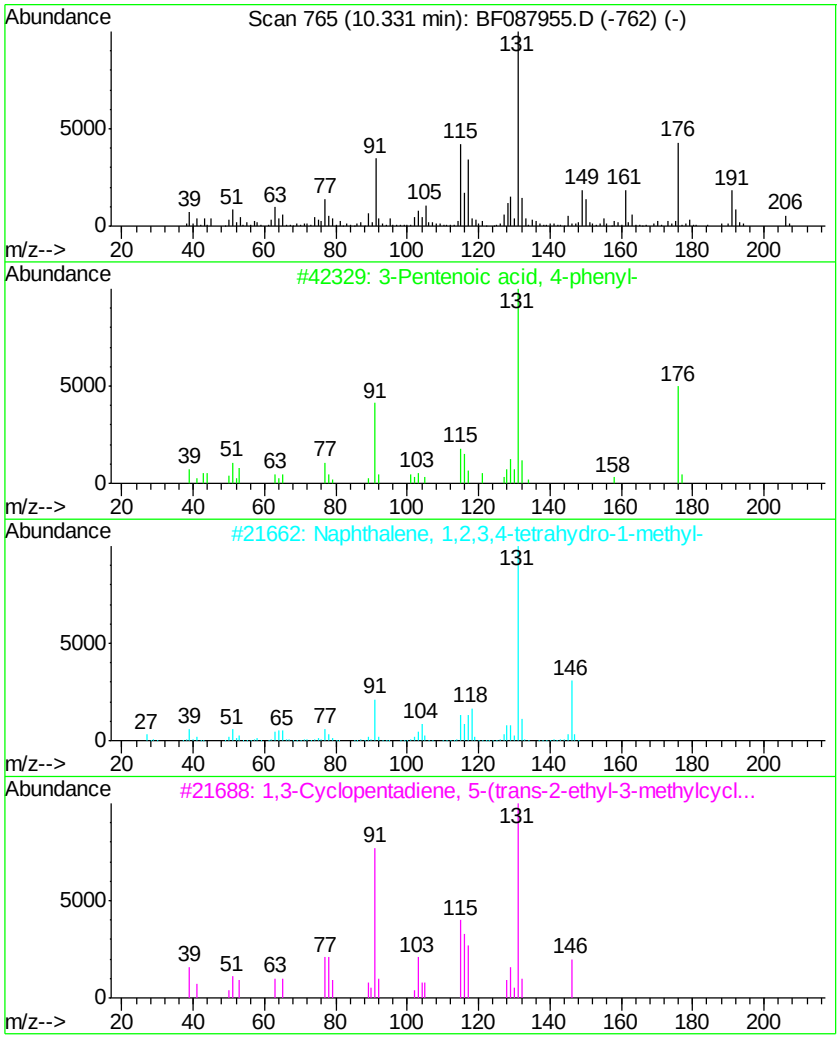
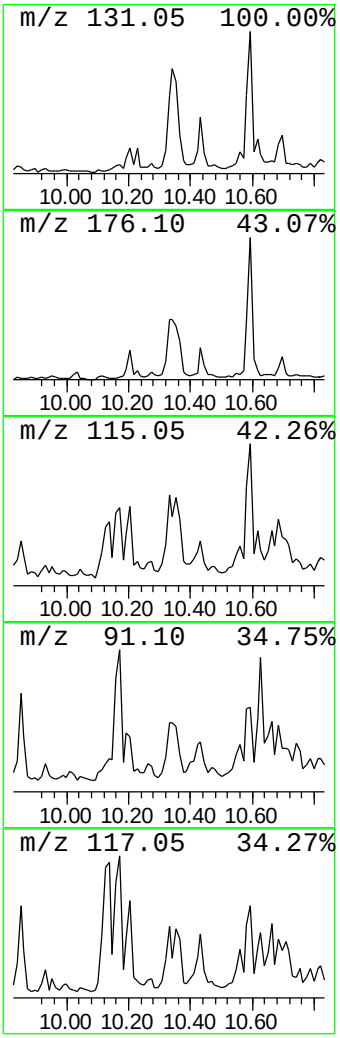
Peak Number 17 3-Pentenoic acid, 4-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	8.35 ng	639853	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	55
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	43
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	38
4	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	38
5	Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	32





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ClientSampleId : W-04

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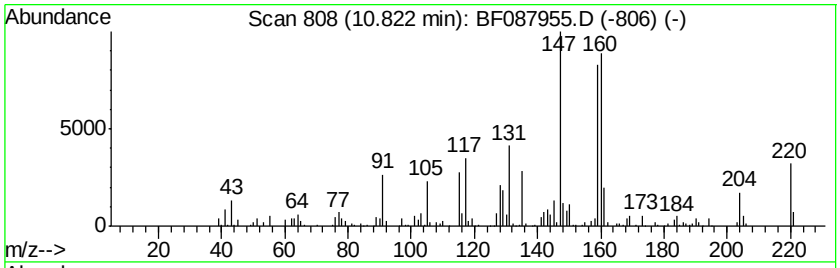
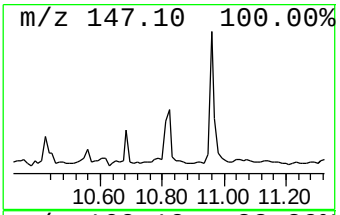
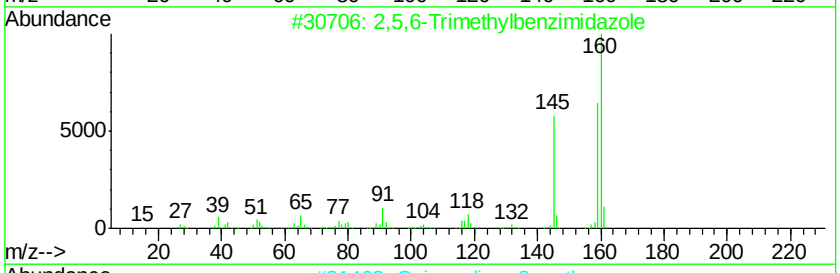
Peak Number 18 unknown10.82 Concentration Rank 19

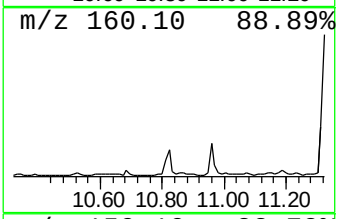
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.12 ng	225363	Phenanthrene-d10	11.32

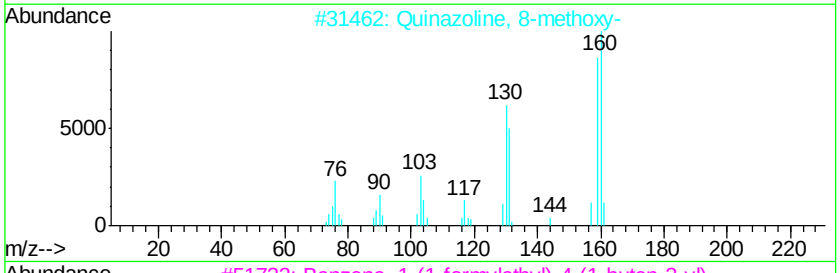
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	35
2	Quinazoline, 8-methoxy-	160	C9H8N2O	007557-01-9	35
3	Benzene, 1-(1-formylethyl)-4-(1-...	188	C13H16O	1000161-46-6	22
4	8-Quinolinol, 4-methyl-	159	C10H9NO	003846-73-9	18
5	1,2-Dihydroxynaphthalene	160	C10H8O2	000574-00-5	14

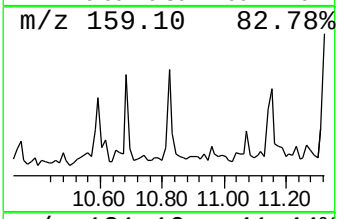


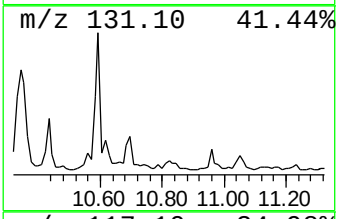


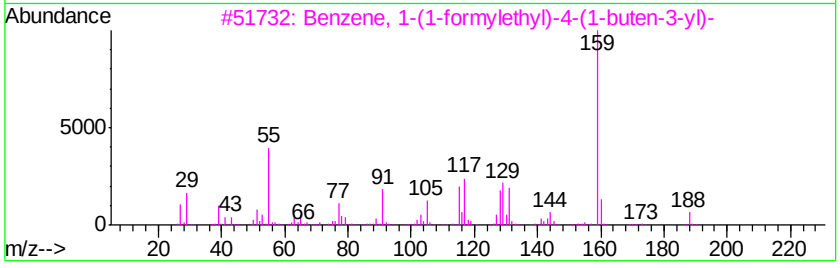


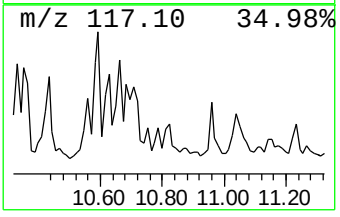












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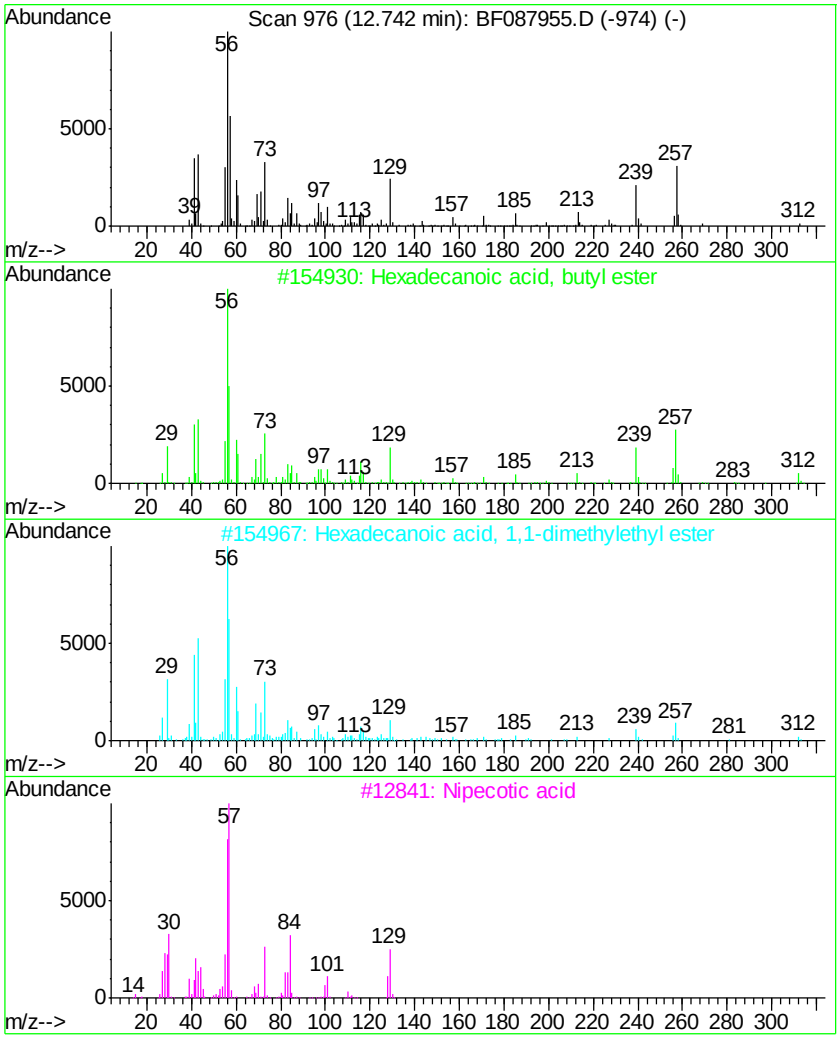
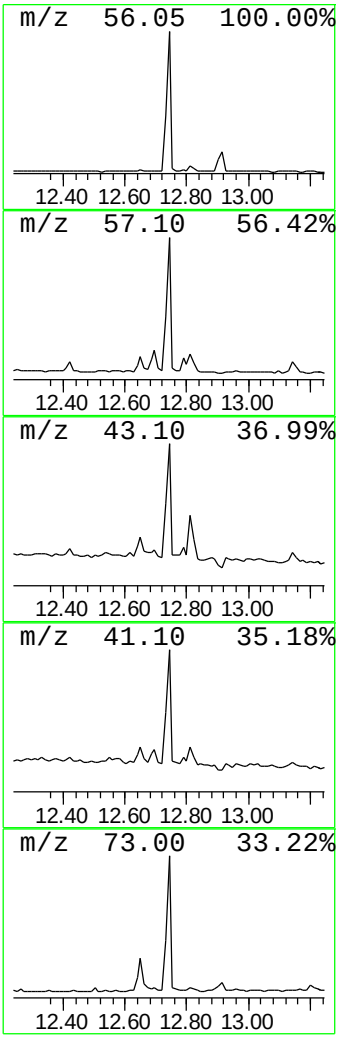
Peak Number 19 Hexadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	6.73 ng	266764	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	62
3	Nipecotic acid	129	C6H11NO2	000498-95-3	47
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	27





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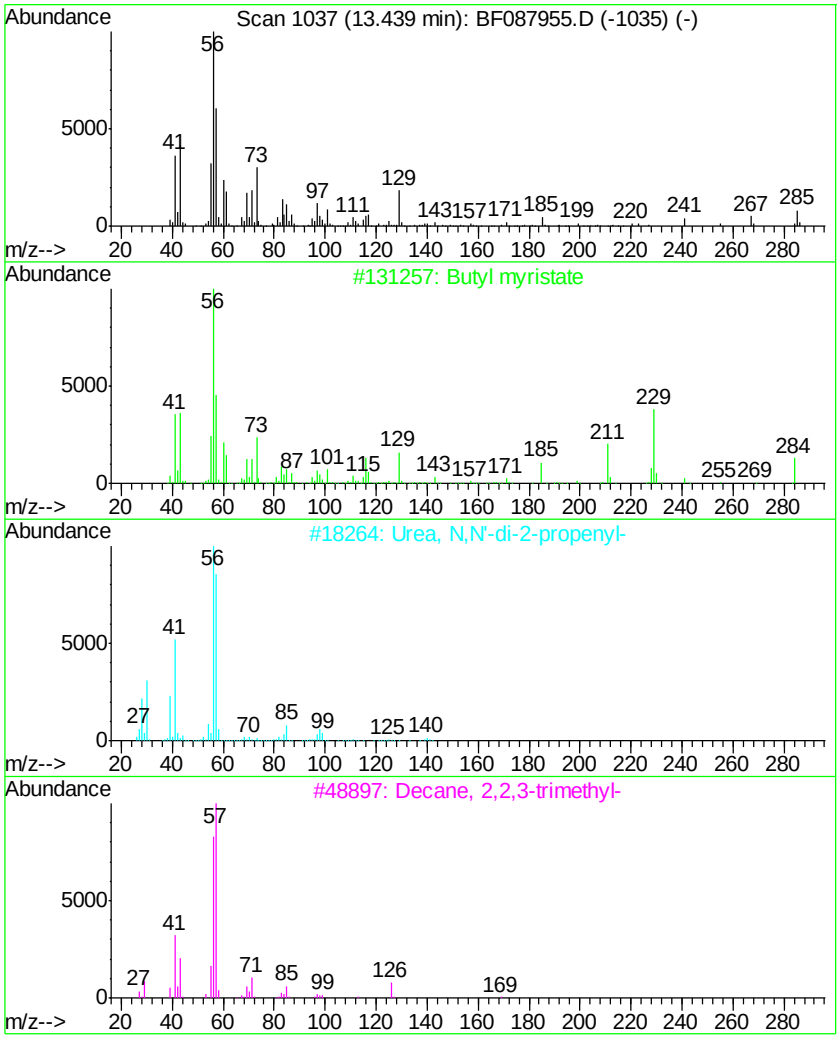
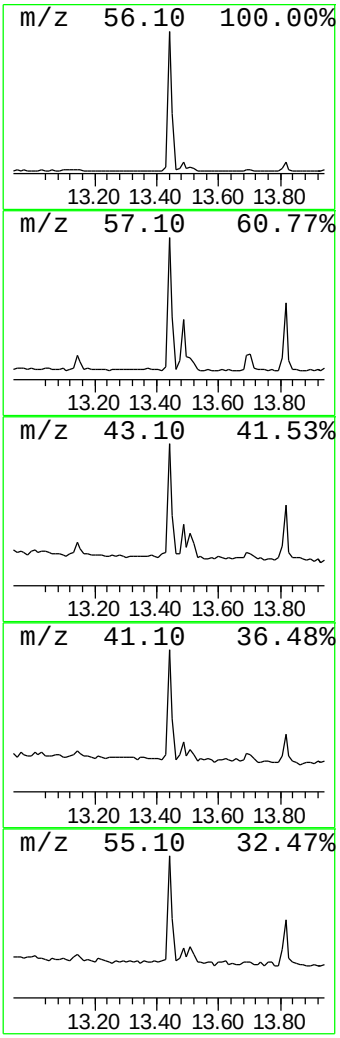
Peak Number 20 Butyl myristate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.80 ng	190538	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	90
2	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	46
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	43
4	Cyclopentanone, 2,2,5,5-tetramet...	140	C9H16O	004541-35-9	43
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087955.D
Acq On : 12 Jun 2016 18:34
Operator : UM/SJ
Sample : H3490-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

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
Benzene, (1-methy...	5.95	4.1	ng	141572	1	6.80	691047	20.0
unknown6.57	6.57	76.6	ng	2645410	1	6.80	691047	20.0
Benzene, 1,3-diet...	7.05	4.6	ng	159187	1	6.80	691047	20.0
Benzene, 1,2-diet...	7.14	5.7	ng	196348	1	6.80	691047	20.0
Benzene, 1,2,3,4-...	7.58	6.9	ng	419702	2	8.09	1212070	20.0
Benzene, 1,3-diet...	7.75	5.6	ng	338359	2	8.09	1212070	20.0
Benzene, 1-methyl...	7.83	18.8	ng	1138610	2	8.09	1212070	20.0
Naphthalene, 1,2,...	8.33	5.0	ng	305345	2	8.09	1212070	20.0
Naphthalene, 1,2,...	8.75	6.0	ng	366472	2	8.09	1212070	20.0
Naphthalene, 2,6-...	9.43	4.1	ng	316746	3	9.84	1533270	20.0
Naphthalene, 2,3-...	9.50	5.4	ng	413078	3	9.84	1533270	20.0
(Benzo(b)thien-6-...	10.17	7.3	ng	563126	3	9.84	1533270	20.0
3-Pentenoic acid,...	10.33	8.3	ng	639853	3	9.84	1533270	20.0
unknown10.82	10.82	4.1	ng	225363	4	11.32	1093900	20.0
Hexadecanoic acid...	12.74	6.7	ng	266764	5	13.95	793262	20.0
Butyl myristate	13.44	4.8	ng	190538	5	13.95	793262	20.0