LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088141.D
Acq On : 18 Jun 2016 18:37
Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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	1.667	6	7	10	rBV	34666	41266	1.71%	0.119%
2	1.781	15	17	23	rBV	449607	618544	25.71%	1.780%
3	1.861	23	24	37	rVB	56898	119938	4.98%	0.345%
4	2.890	112	114	122	rBV	19394	52659	2.19%	0.152%
5	4.844	283	285	291	rBV	89764	146620	6.09%	0.422%
6	5.107	305	308	309	rBV	89628	82566	3.43%	0.238%
7	5.221	316	318	322	rBV	270501	478204	19.87%	1.376%
8	5.290	322	324	326	rBV	1560515	1855574	77.12%	5.341%
9	5.496	341	342	347	rBV3	21925	42706	1.77%	0.123%
10	5.816	367	370	373	rBV2	21276	40579	1.69%	0.117%
11	5.919	377	379	380	rBV	31163	30372	1.26%	0.087%
12	6.136	394	398	399	rBV	88674	112146	4.66%	0.323%
13	6.204	399	404	405	rVV3	621668	614951	25.56%	1.770%
14	6.239	405	407	409	rVB	204572	212620	8.84%	0.612%
15	6.284	409	411	413	rBV	455650	454903	18.91%	1.309%
16	6.342	413	416	421	rVB2	1263217	2406209	100.00%	6.926%
17	6.456	424	426	429	rBV	1666908	1805485	75.03%	5.197%
18	6.513	429	431	433	rBV	1174672	1058717	44.00%	3.047%
19	6.627	439	441	444	rBV2	22018	47195	1.96%	0.136%
20	6.684	444	446	448	rVV	661934	593556	24.67%	1.708%
21	6.742	450	451	454	rVV	401734	353236	14.68%	1.017%
22	6.810	456	457	458	rBV	35057	33860	1.41%	0.097%
23	6.845	458	460	461	rVV	1683275	1648461	68.51%	4.745%
24	6.867	461	462	464	rVB	213102	151861	6.31%	0.437%
25	6.936	466	468	469	rBV	111132	126676	5.26%	0.365%
26	6.970	469	471	473	rVB	335770	305332	12.69%	0.879%
27	7.016	473	475	476	rBV	532274	566316	23.54%	1.630%
28	7.039	476	477	479	rVB	91883	73019	3.03%	0.210%
29	7.085	479	481	483	rBV	189909	178492	7.42%	0.514%
30	7.165	486	488	489	rBV	160400	298058	12.39%	0.858%
31	7.187	489	490	491	rVB	176448	120955	5.03%	0.348%
32	7.256	491	496	499	rBV2	1189119	1675838	69.65%	4.824%
33	7.347	501	504	505	rBV2	58611	88770	3.69%	0.256%
34	7.382	505	507	508	rBV	118360	142796	5.93%	0.411%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3501-23
Misc :
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Instrument : BNA_F
ClientSampleId : SB15(1-3)

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	7.405	508	509	512	rVB	29739	33580	1.40%	0.097%
36	7.462	512	514	515	rBV	328982	318039	13.22%	0.915%
37	7.496	515	517	519	rVB	356373	438523	18.22%	1.262%
38	7.530	519	520	523	rBV3	21146	30182	1.25%	0.087%
39	7.610	523	527	528	rBV3	97279	248225	10.32%	0.714%
40	7.645	528	530	533	rVB3	243476	385509	16.02%	1.110%
41	7.713	533	536	538	rBV2	505305	657854	27.34%	1.893%
42	7.747	538	539	541	rVB	175057	127639	5.30%	0.367%
43	7.782	541	542	546	rVB3	119619	225324	9.36%	0.649%
44	7.850	546	548	550	rBV	145561	139386	5.79%	0.401%
45	7.896	550	552	553	rBV	30565	37705	1.57%	0.109%
46	7.976	553	559	564	rBV3	729696	1765533	73.37%	5.082%
47	8.067	566	567	569	rVB	139598	105073	4.37%	0.302%
48	8.147	571	574	576	rBV2	76136	119157	4.95%	0.343%
49	8.250	578	583	584	rBV2	155307	238136	9.90%	0.685%
50	8.330	589	590	591	rVB	96038	65834	2.74%	0.189%
51	8.365	591	593	594	rBV	180813	198566	8.25%	0.572%
52	8.445	598	600	601	rVB	147119	142018	5.90%	0.409%
53	8.479	601	603	607	rBV3	77344	176541	7.34%	0.508%
54	8.536	607	608	609	rVB	81327	55750	2.32%	0.160%
55	8.559	609	610	612	rBV2	88280	132392	5.50%	0.381%
56	8.605	612	614	618	rVV5	37131	87608	3.64%	0.252%
57	8.685	619	621	623	rVB	778939	693048	28.80%	1.995%
58	8.730	623	625	627	rBV2	49008	94540	3.93%	0.272%
59	8.788	627	630	632	rBV	384050	423602	17.60%	1.219%
60	8.856	634	636	637	rBV2	44595	45652	1.90%	0.131%
61	8.925	640	642	644	rVB2	49090	42574	1.77%	0.123%
62	9.005	646	649	650	rBV2	52719	71649	2.98%	0.206%
63	9.050	650	653	656	rVB	2059230	1925474	80.02%	5.542%
64	9.130	657	660	663	rBV5	38139	95553	3.97%	0.275%
65	9.199	663	666	667	rBV2	35618	43670	1.81%	0.126%
66	9.245	669	670	673	rVB	88317	91769	3.81%	0.264%
67	9.313	673	676	678	rBV	136080	194110	8.07%	0.559%
68	9.382	680	682	684	rBV	170213	199593	8.29%	0.574%
69	9.450	686	688	690	rVB	704092	608373	25.28%	1.751%
70	9.485	690	691	695	rVB2	51028	111687	4.64%	0.321%
71	9.542	695	696	698	rBV2	45280	65803	2.73%	0.189%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

72	9.588	698	700	702	rBV2	55568	52293	2.17%	0.151%
73	9.633	702	704	705	rVB	104073	86131	3.58%	0.248%
74	9.668	705	707	709	rBV2	72245	83295	3.46%	0.240%
75	9.725	709	712	714	rBV	711015	748807	31.12%	2.155%
76	9.828	720	721	723	rVB	42990	53455	2.22%	0.154%
77	9.942	725	731	734	rBV6	69940	234713	9.75%	0.676%
78	9.988	734	735	737	rVB	67221	57865	2.40%	0.167%
79	10.045	738	740	743	rBV2	42581	98925	4.11%	0.285%
80	10.125	745	747	748	rBV	100708	116358	4.84%	0.335%
81	10.285	758	761	763	rBV4	54980	136712	5.68%	0.393%
82	10.331	763	765	766	rVV	33683	37198	1.55%	0.107%
83	10.388	768	770	772	rVV	147267	167609	6.97%	0.482%
84	10.513	778	781	783	rBV	855979	921561	38.30%	2.652%
85	10.548	783	784	787	rVB3	40306	62902	2.61%	0.181%
86	10.651	790	793	795	rBV	367834	479637	19.93%	1.381%
87	11.085	830	831	832	rBV	92194	94108	3.91%	0.271%
88	11.119	832	834	836	rVB	373483	517017	21.49%	1.488%
89	11.199	840	841	845	rBV	540665	643841	26.76%	1.853%
90	11.462	862	864	867	rBV	278815	323391	13.44%	0.931%
91	11.668	880	882	883	rBV	180666	265572	11.04%	0.764%
92	12.205	926	929	931	rBV2	460496	781537	32.48%	2.249%
93	12.422	945	948	949	rBV	300123	469704	19.52%	1.352%
94	12.799	979	981	983	rBV	1092051	1296339	53.87%	3.731%

Sum of corrected areas: 34743121

LSC Report - Integrated Chromatogram

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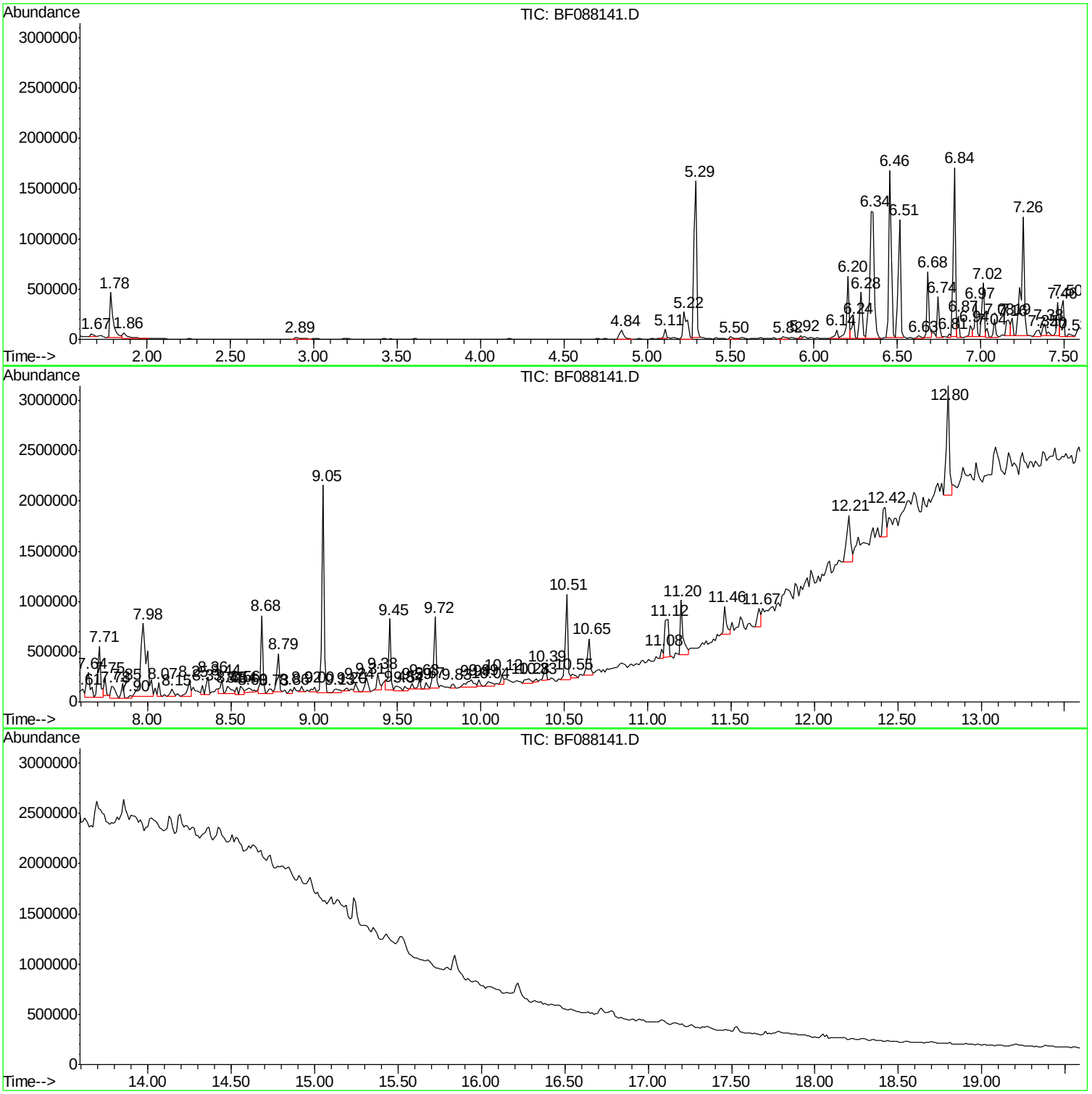
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15(1-3)

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088141.D
Acq On : 18 Jun 2016 18:37
Operator : UM/SJ
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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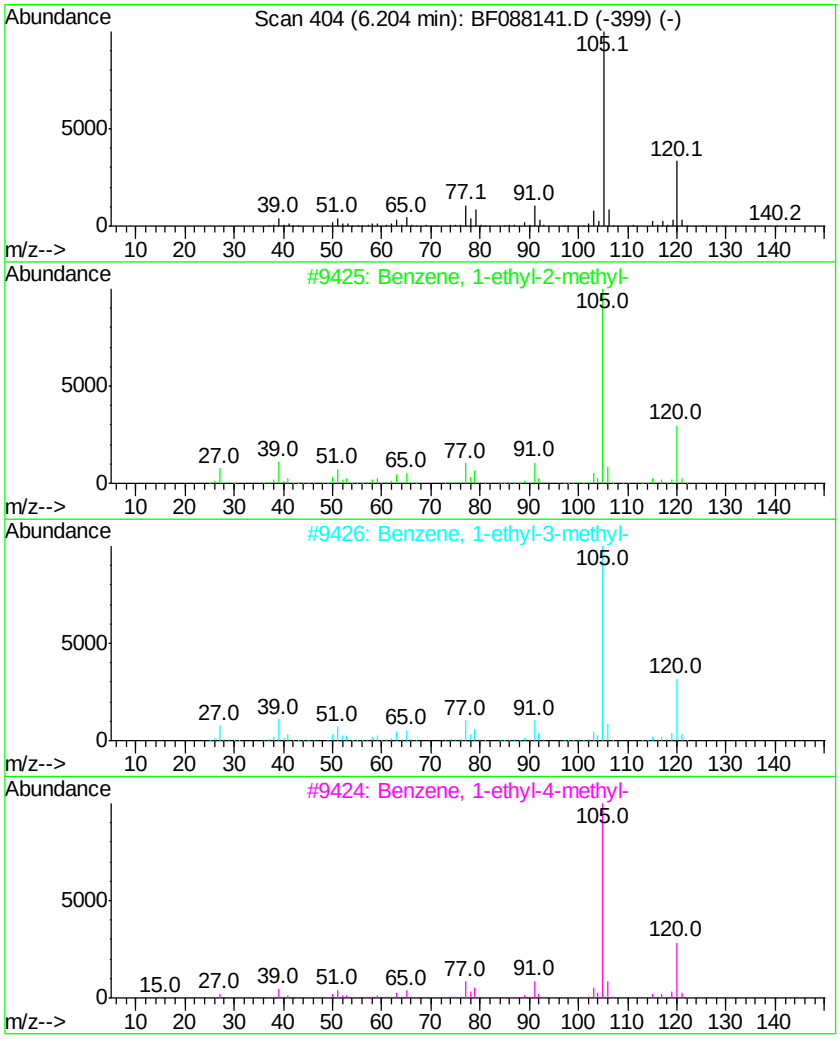
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

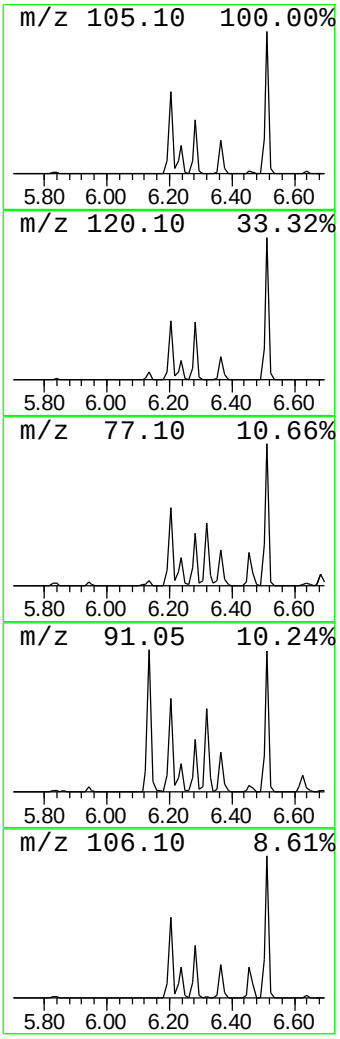
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	20.72 ng	614951	1,4-Dichlorobenzene-d4	6.68

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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : BF088141.D
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Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

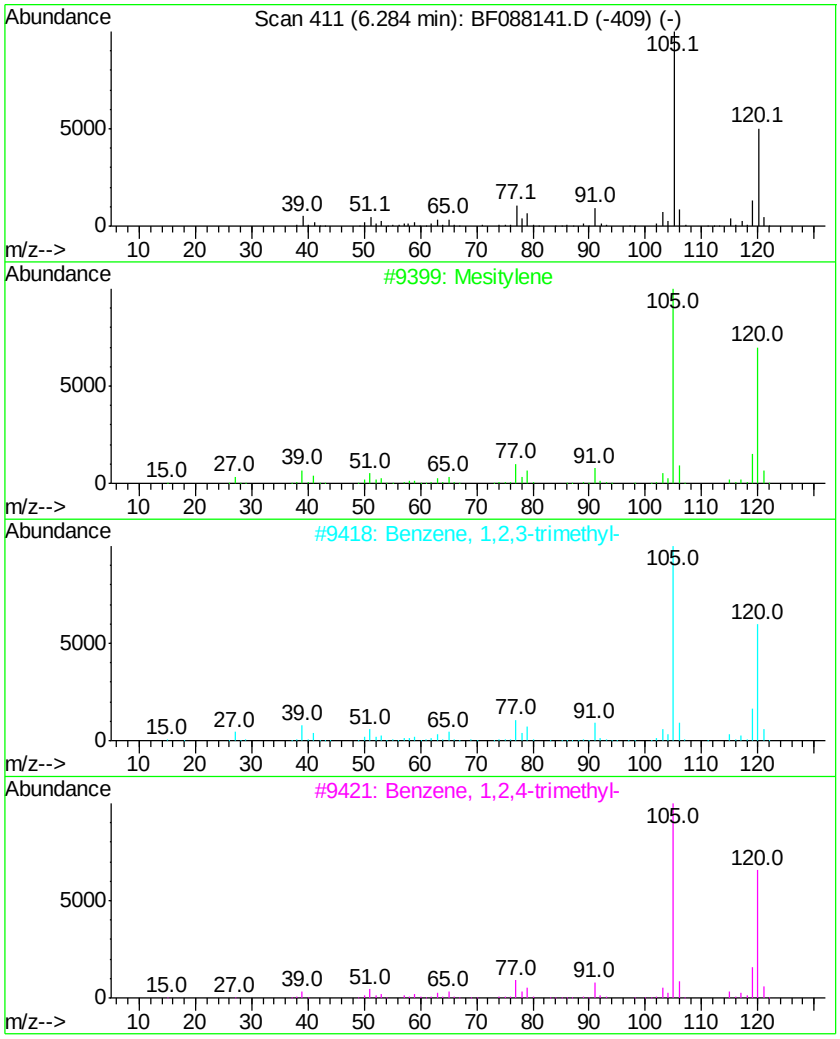
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

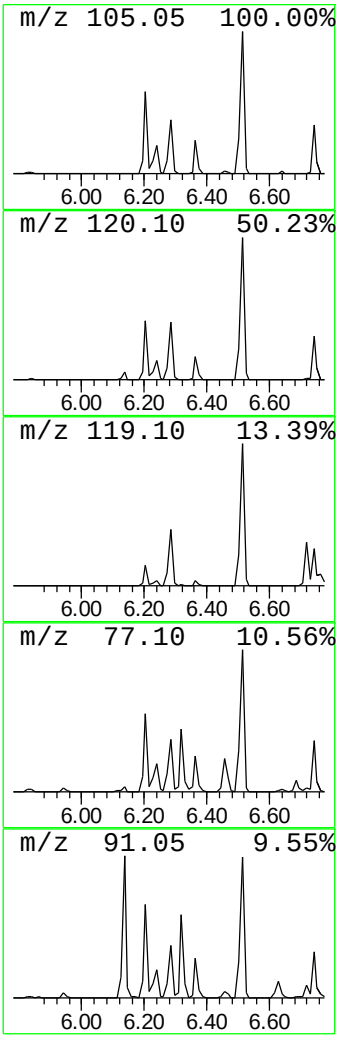
****

Peak Number 5 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	15.33 ng	454903	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
SB15(1-3)

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TIC Library : C:\Database\NIST11.L
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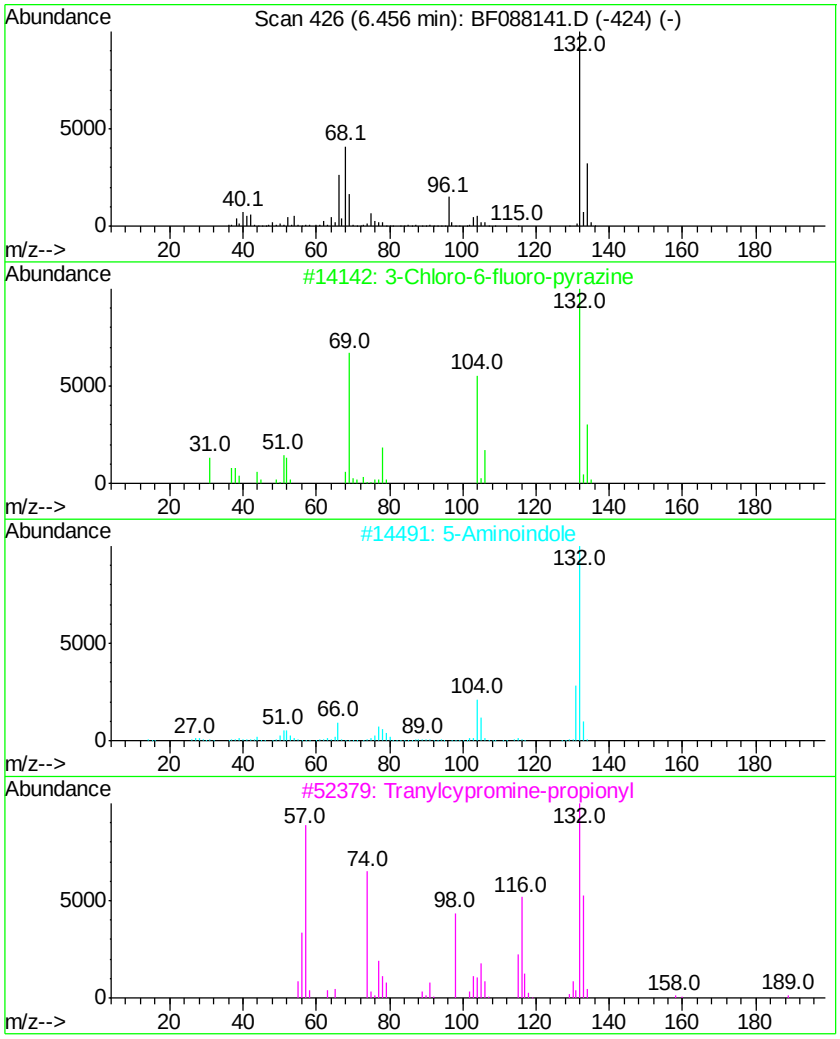
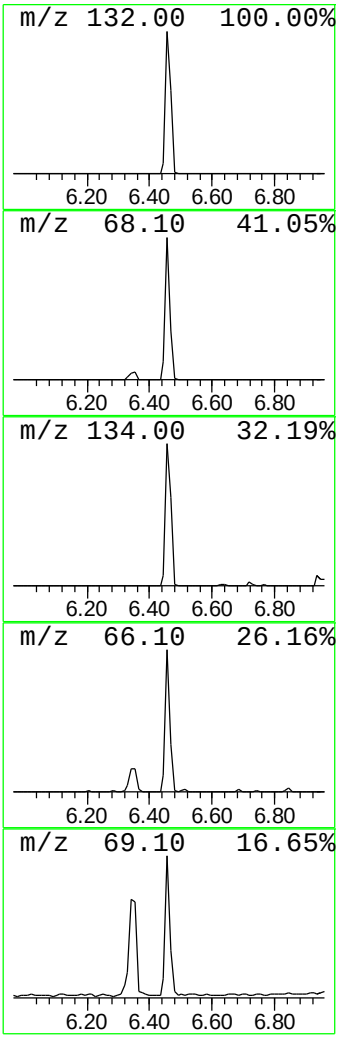
****

Peak Number 6 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	60.84 ng	1805490	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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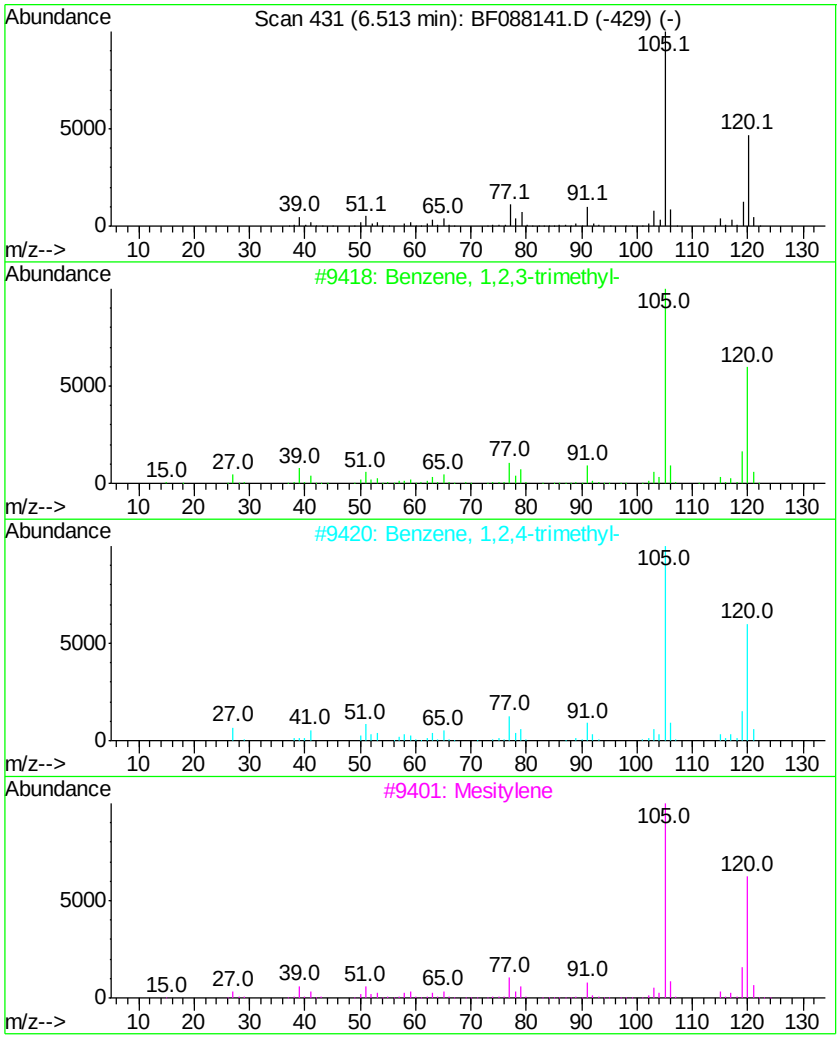
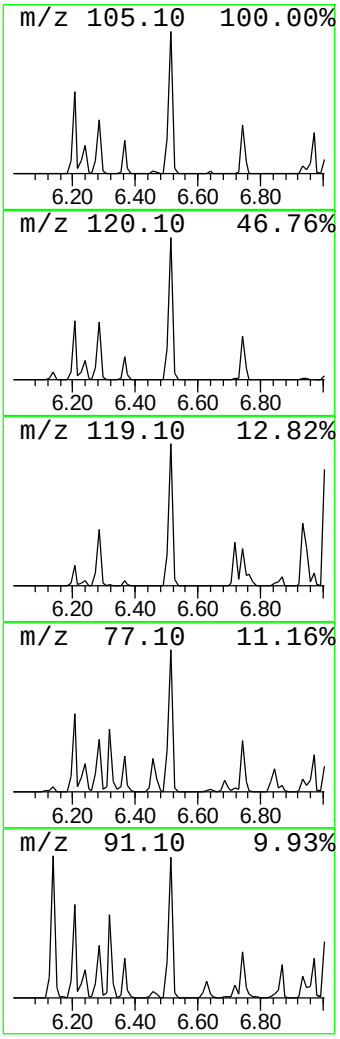
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	35.67 ng	1058720	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Sample : H3501-23
Misc :
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Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

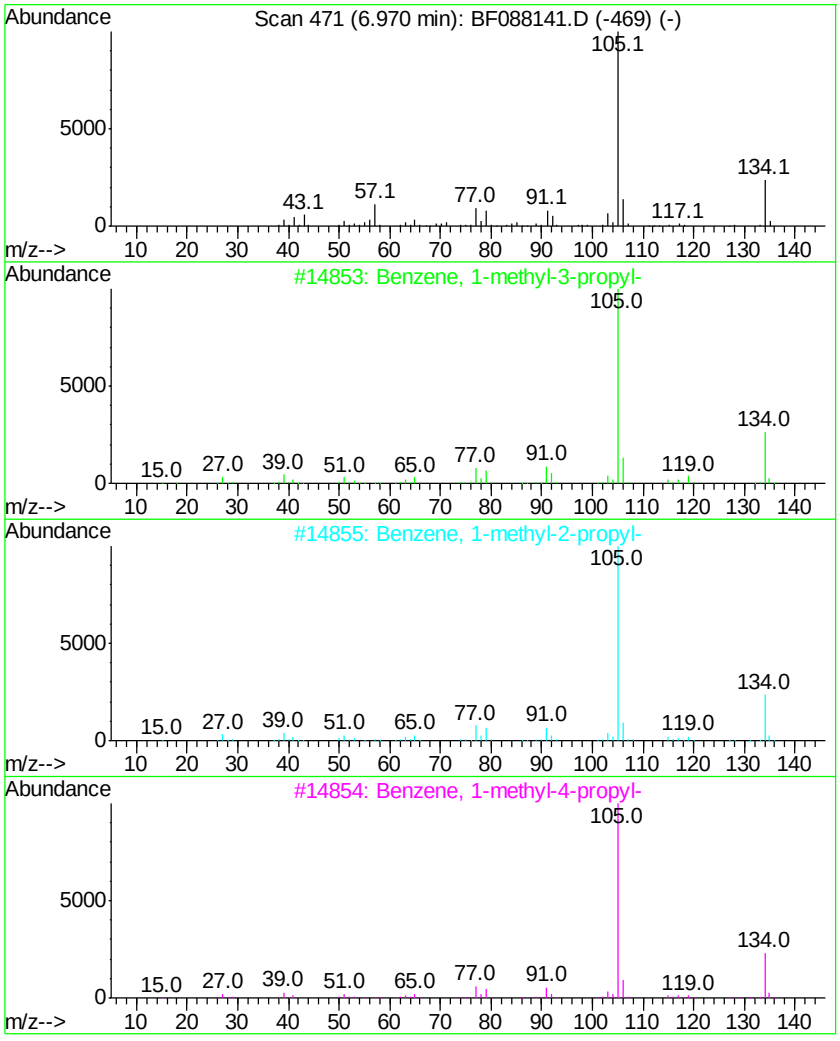
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

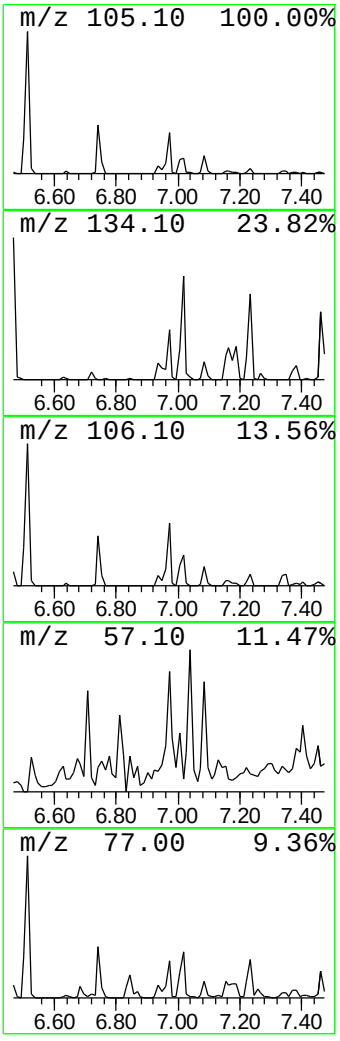
****

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	10.29 ng	305332	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68
5	2-Tolyloxirane	134	C9H10O	002783-26-8	58





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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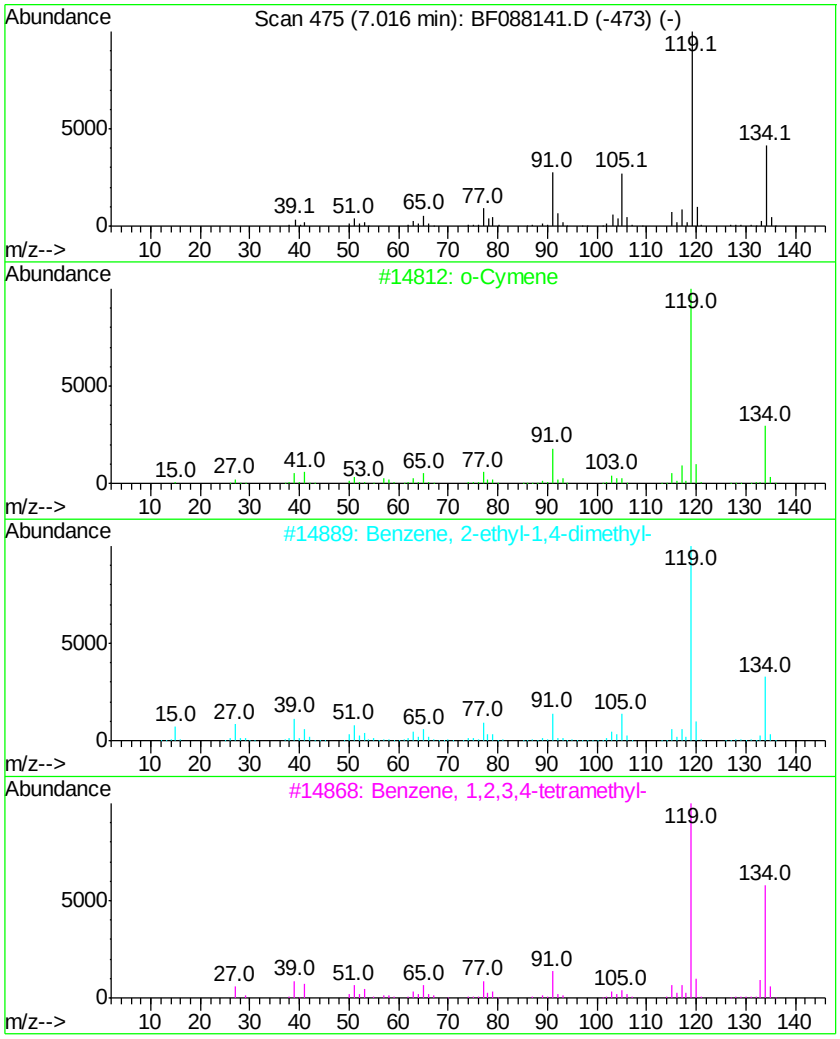
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

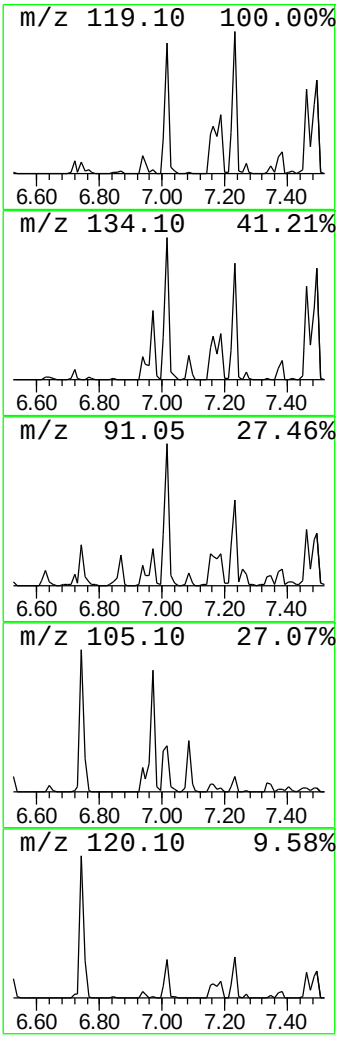
****

Peak Number 11 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	19.08 ng	566316	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088141.D
Acq On : 18 Jun 2016 18:37
Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

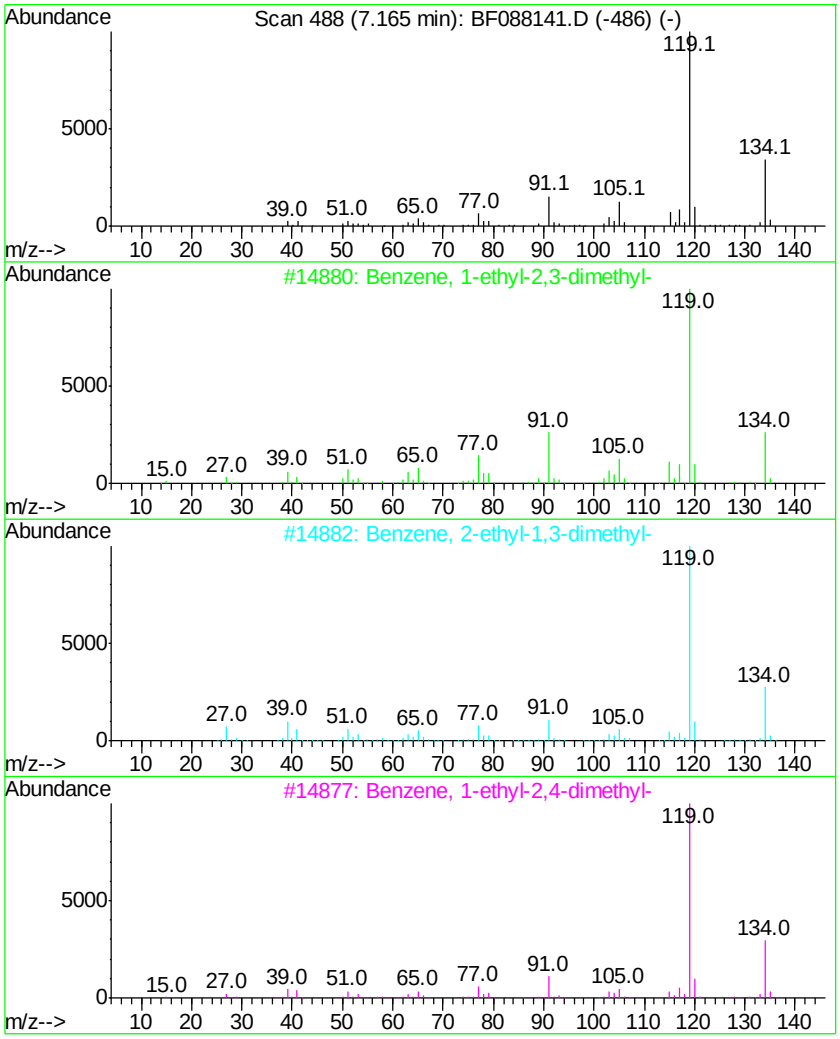
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

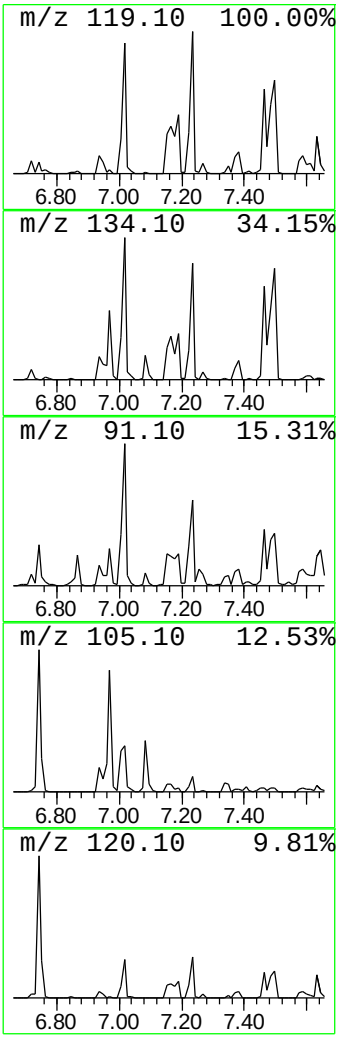
****

Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	10.04 ng	298058	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088141.D
Acq On : 18 Jun 2016 18:37
Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

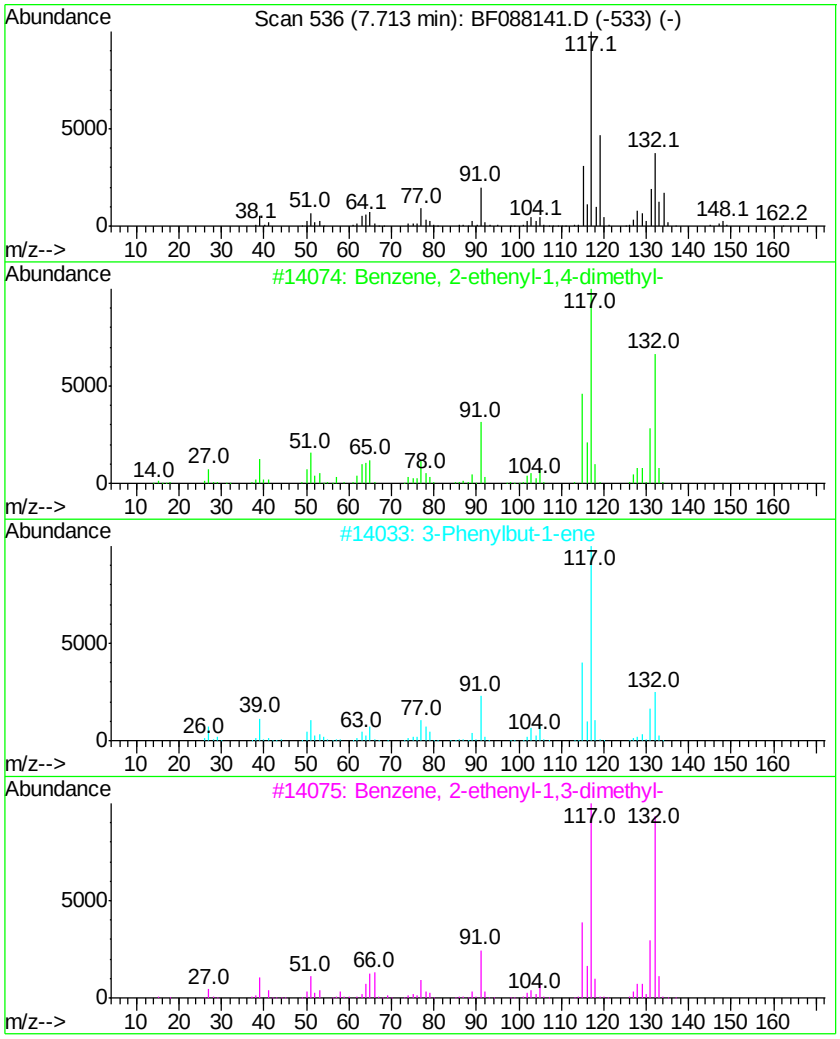
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

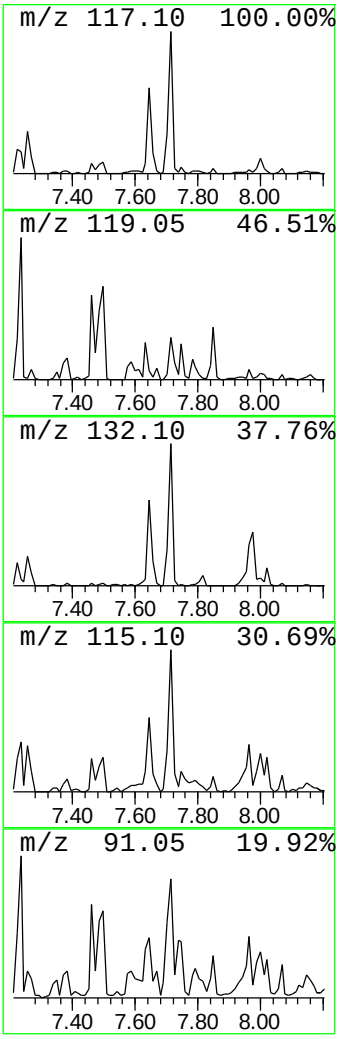
****

Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	7.45 ng	657854	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68





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Acq On : 18 Jun 2016 18:37
Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

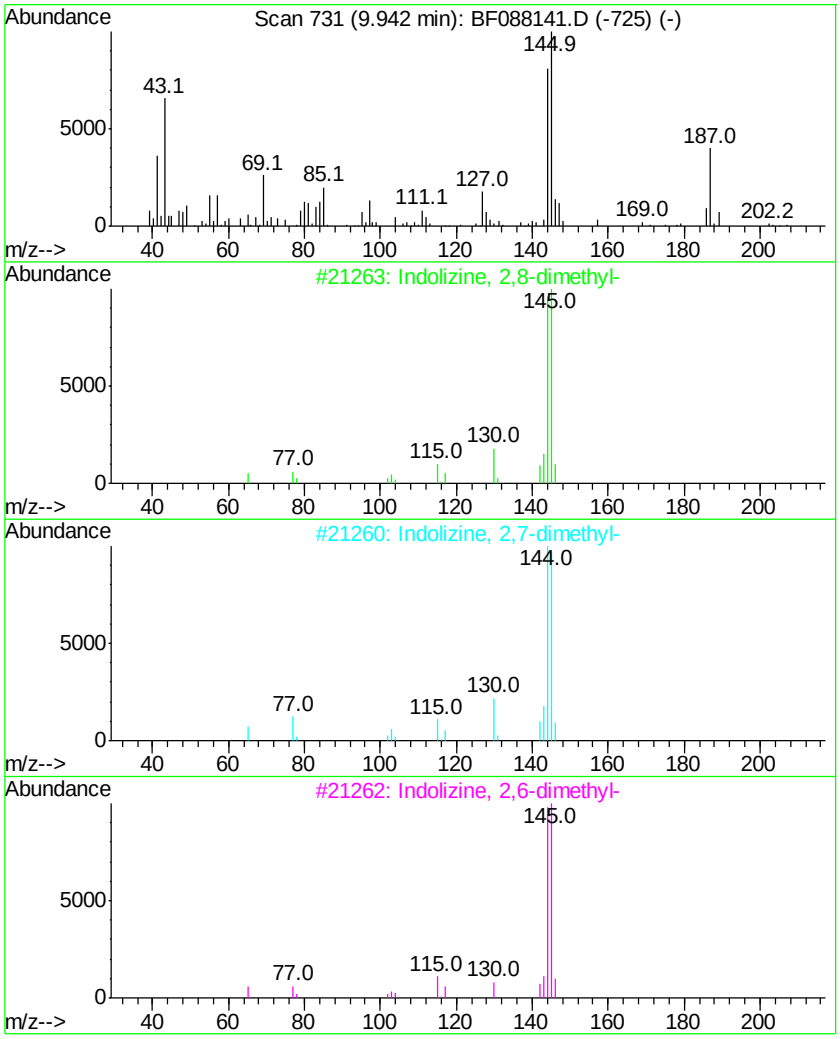
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

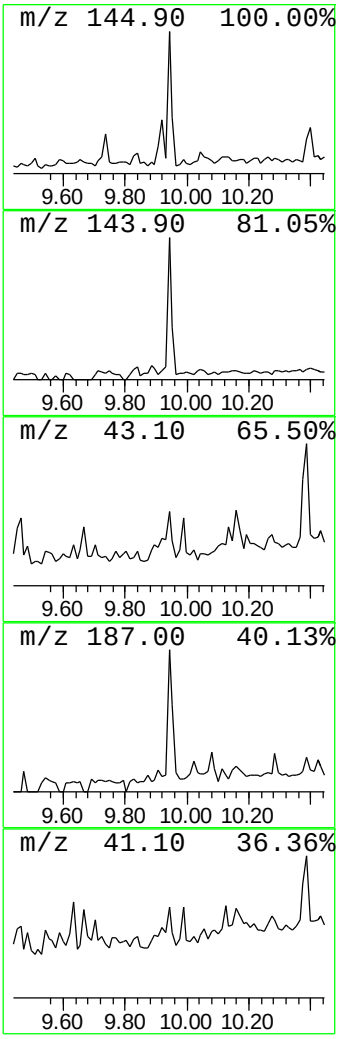
****

Peak Number 14 Indolizine, 2,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	6.27 ng	234713	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2,8-dimethyl-	145	C10H11N	031108-59-5	50
2	Indolizine, 2,7-dimethyl-	145	C10H11N	000769-89-1	50
3	Indolizine, 2,6-dimethyl-	145	C10H11N	000769-88-0	50
4	Indole, 1,7-dimethyl-	145	C10H11N	005621-16-9	50
5	1H-Indole, 2,5-dimethyl-	145	C10H11N	001196-79-8	47





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Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

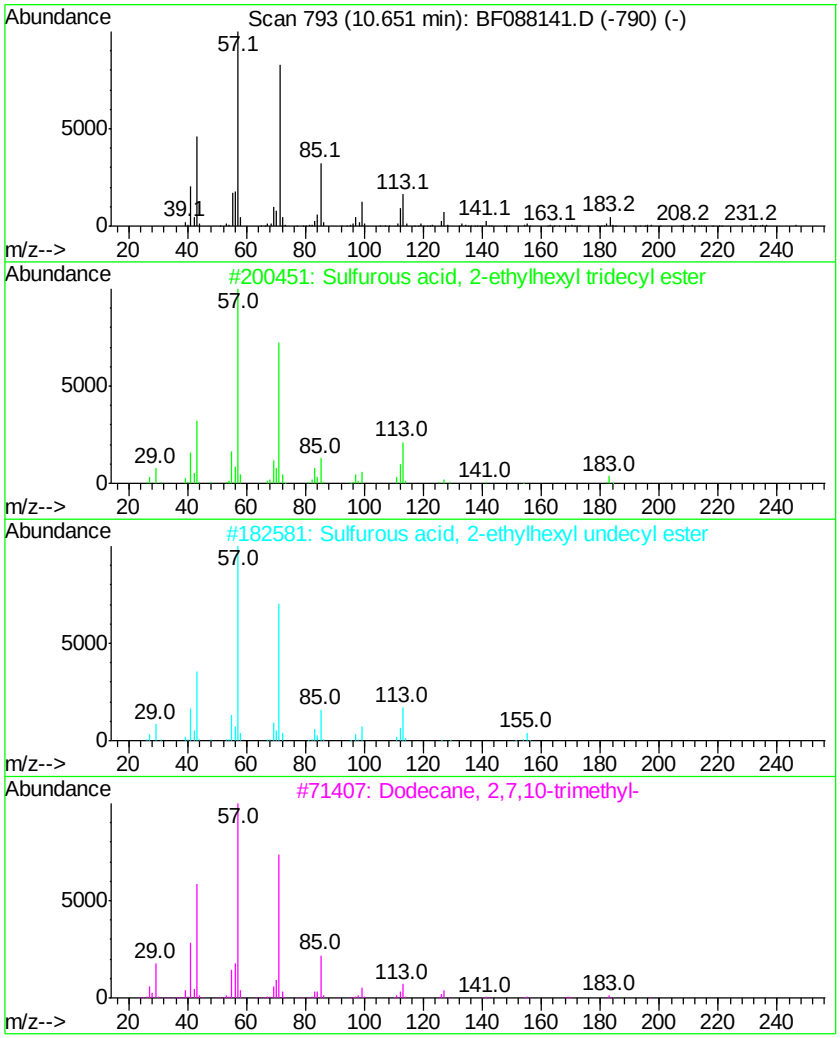
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

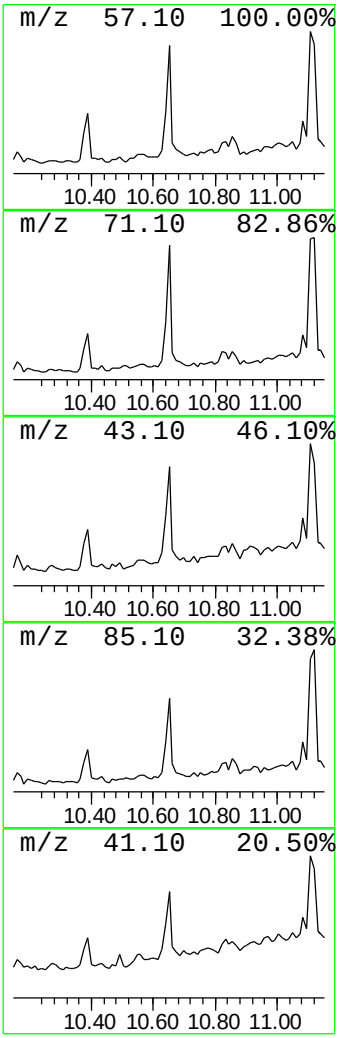
****

Peak Number 15 Sulfurous acid, 2-ethylhexy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	14.90 ng	479637	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	86
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Heptacosane	380	C27H56	000593-49-7	78
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78





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Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

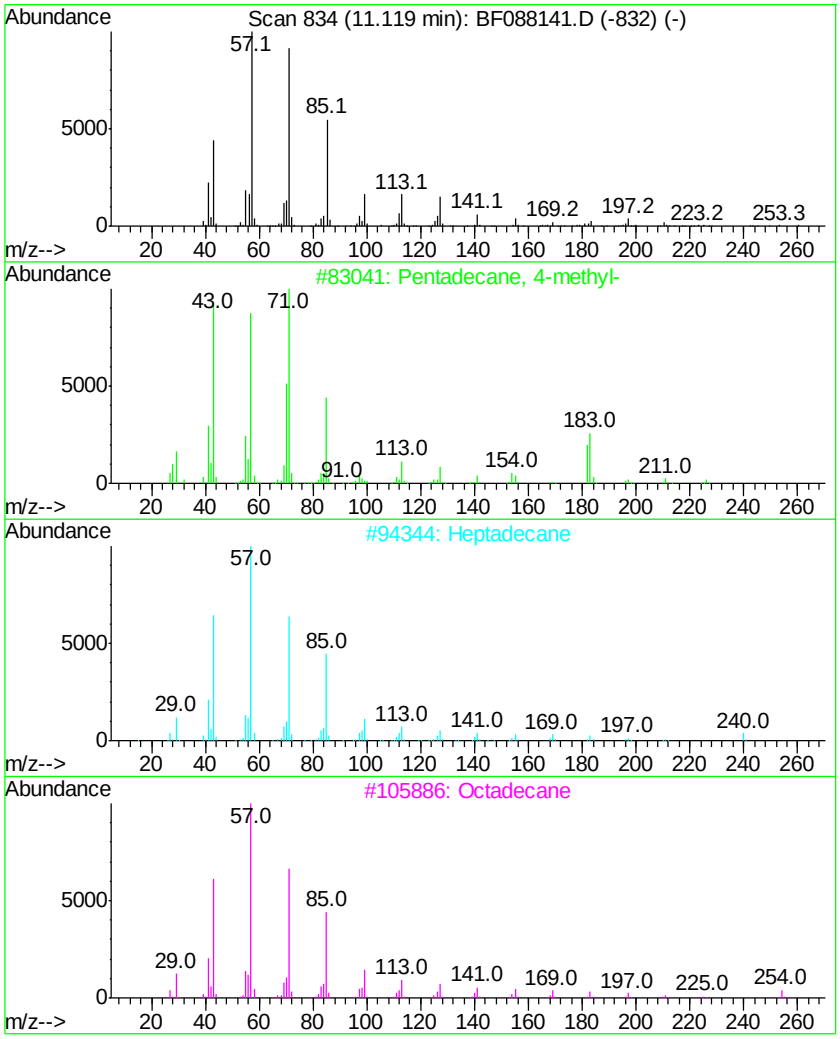
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

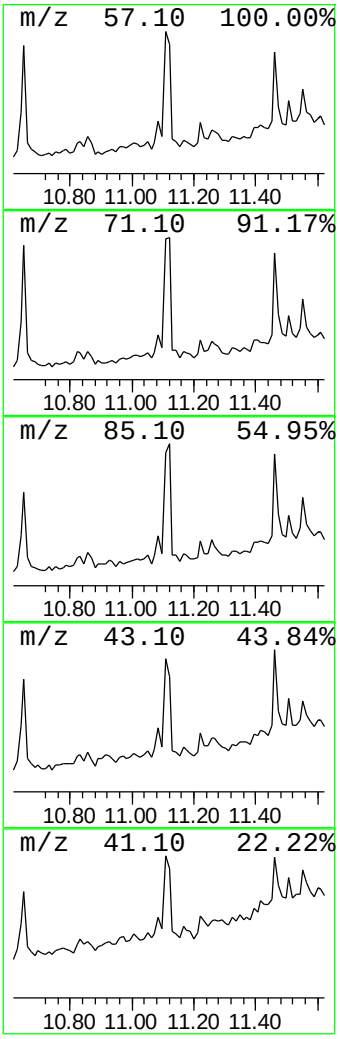
****

Peak Number 16 Pentadecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	16.06 ng	517017	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
2	Heptadecane	240	C17H36	000629-78-7	78
3	Octadecane	254	C18H38	000593-45-3	78
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

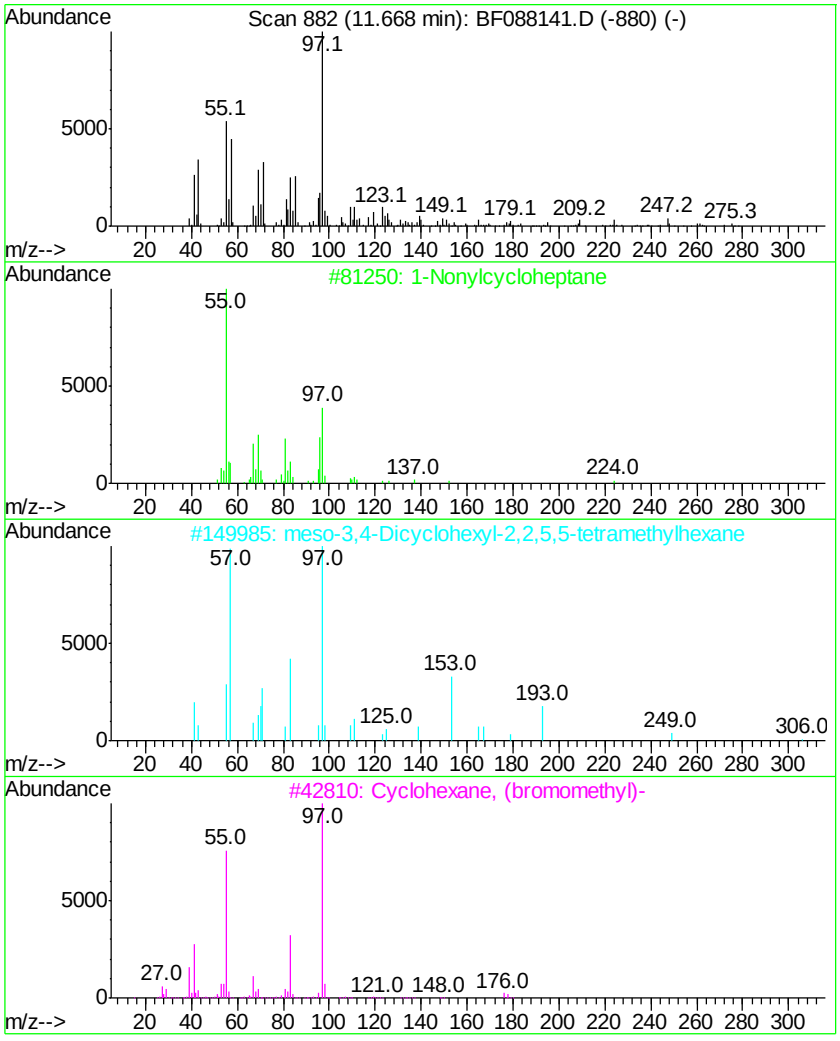
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

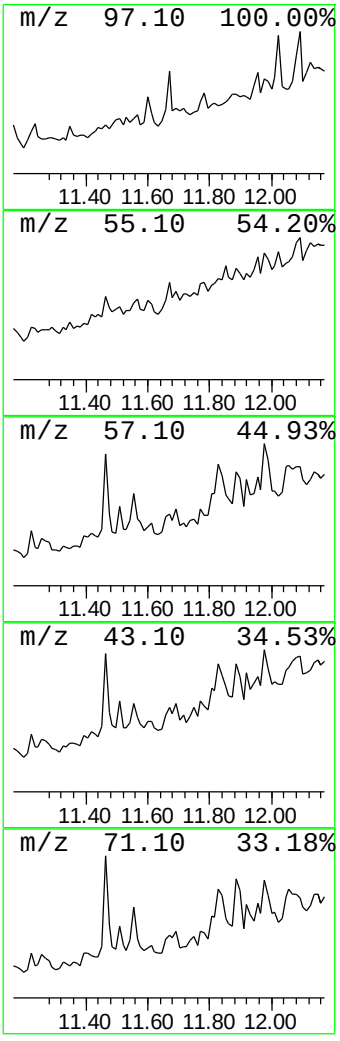
****

Peak Number 18 1-Nonylcycloheptane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	8.25 ng	265572	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonylcycloheptane	224	C16H32	1000371-47-7	64
2	meso-3,4-Dicyclohexyl-2,2,5,5-te...	306	C22H42	065149-86-2	38
3	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	38
4	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	38
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38





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Acq On : 18 Jun 2016 18:37
Operator : UM/SJ
Sample : H3501-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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

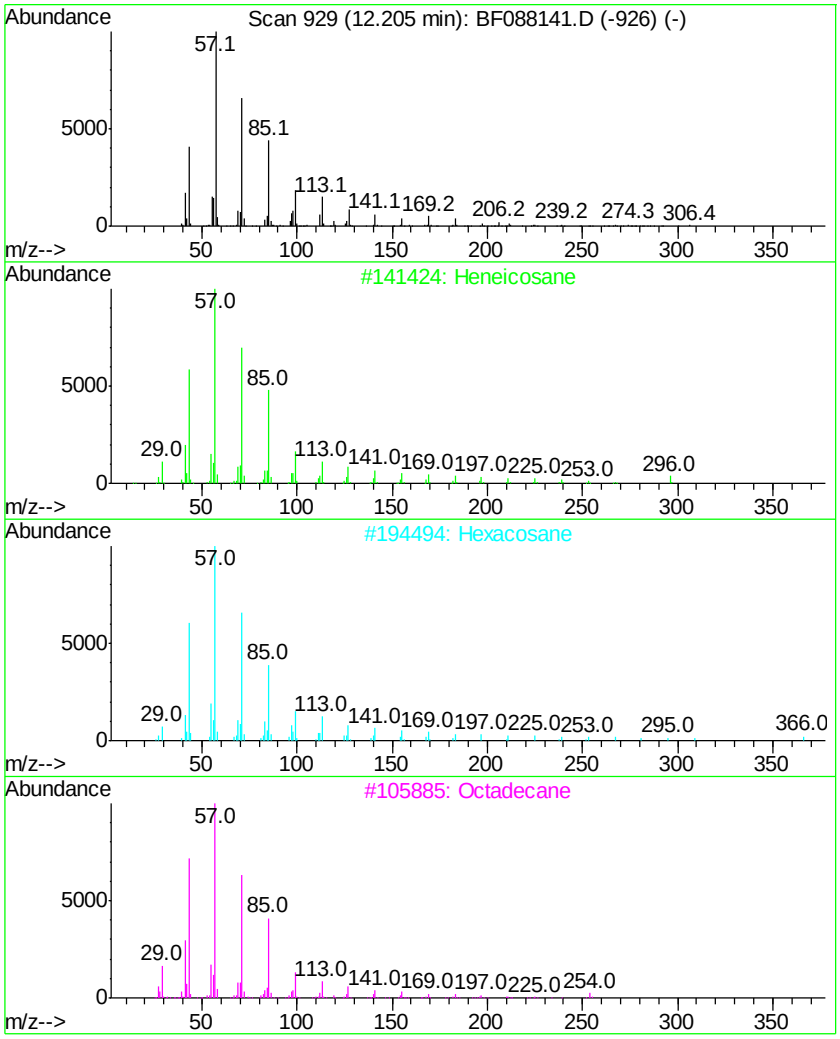
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

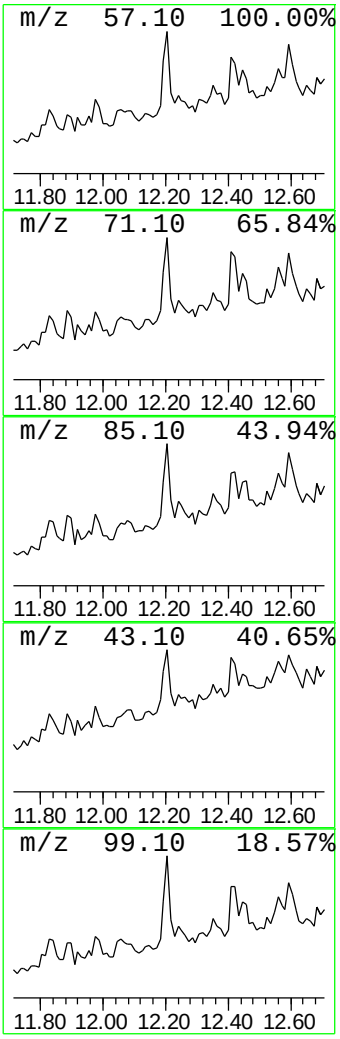
****

Peak Number 19 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	24.28 ng	781537	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : BF088141.D
Acq On : 18 Jun 2016 18:37
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Sample : H3501-23
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15(1-3)

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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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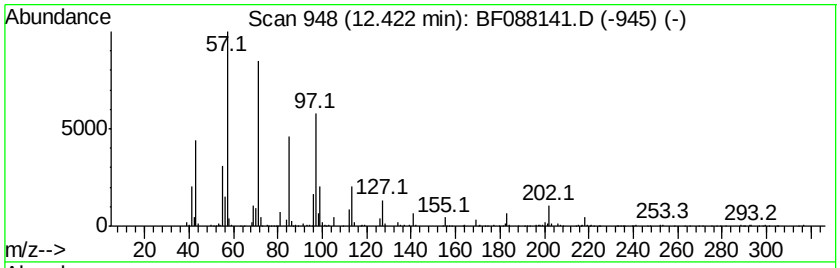
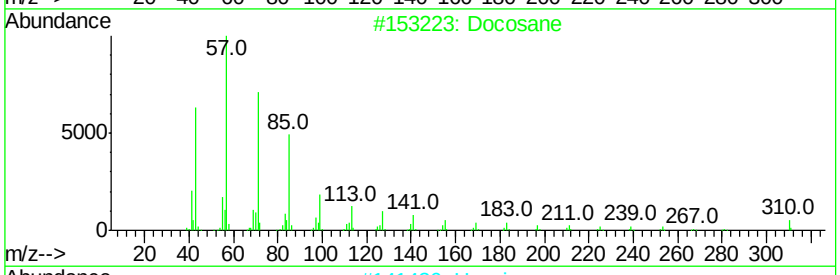
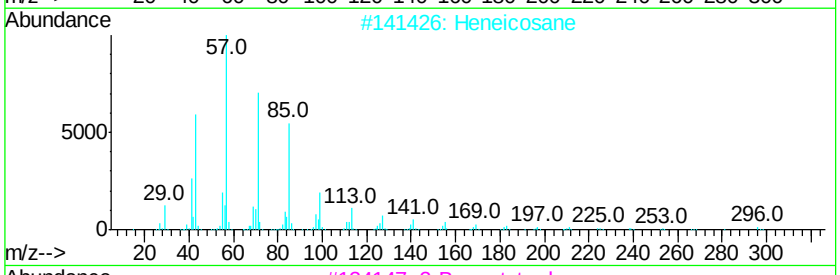
Peak Number 20 Docosane Concentration Rank 12

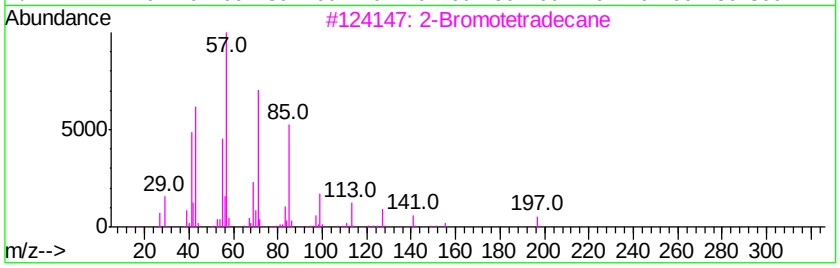
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	14.59 ng	469704	Phenanthrene-d10	11.20

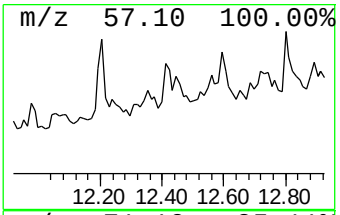
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	62
2	Heneicosane	296	C21H44	000629-94-7	58
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	53
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	53
5	Decane, 3-methyl-	156	C11H24	013151-34-3	53

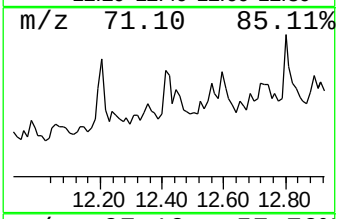


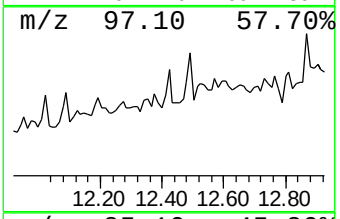


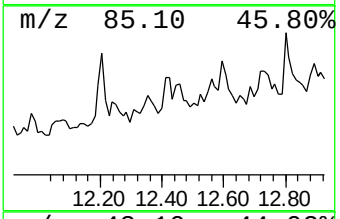


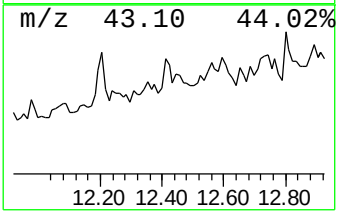












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088141.D
Acq On : 18 Jun 2016 18:37
Operator : UM/SJ
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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-ethyl-...	6.20	20.7	ng	614951	1	6.68	593556	20.0
Mesitylene	6.28	15.3	ng	454903	1	6.68	593556	20.0
unknown6.46	6.46	60.8	ng	1805490	1	6.68	593556	20.0
Benzene, 1,2,3-tr...	6.51	35.7	ng	1058720	1	6.68	593556	20.0
Benzene, 1-methyl...	6.97	10.3	ng	305332	1	6.68	593556	20.0
o-Cymene	7.02	19.1	ng	566316	1	6.68	593556	20.0
Benzene, 1-ethyl-...	7.16	10.0	ng	298058	1	6.68	593556	20.0
Benzene, 2-etheny...	7.71	7.5	ng	657854	2	7.98	1765530	20.0
Indolizine, 2,8-d...	9.94	6.3	ng	234713	3	9.72	748807	20.0
Sulfurous acid, 2...	10.65	14.9	ng	479637	4	11.20	643841	20.0
Pentadecane, 4-me...	11.12	16.1	ng	517017	4	11.20	643841	20.0
1-Nonylcycloheptane	11.67	8.3	ng	265572	4	11.20	643841	20.0
Heneicosane	12.21	24.3	ng	781537	4	11.20	643841	20.0
Docosane	12.42	14.6	ng	469704	4	11.20	643841	20.0