LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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	2.898	134	138	143	rVB2	42232	72133	2.30%	0.196%
2	3.822	289	295	303	rVB5	30840	66421	2.11%	0.180%
3	4.110	340	344	349	rVB2	45075	57840	1.84%	0.157%
4	4.445	397	401	408	rVB3	55107	84537	2.69%	0.230%
5	4.551	411	419	423	rBV4	47629	65109	2.07%	0.177%
6	4.869	470	473	477	rVB2	54331	61498	1.96%	0.167%
7	4.957	483	488	493	rVV5	89268	142128	4.52%	0.386%
8	5.016	495	498	501	rVB	66766	61166	1.95%	0.166%
9	5.222	528	533	536	rBV	91114	105590	3.36%	0.287%
10	5.310	545	548	549	rBV	58891	55206	1.76%	0.150%
11	5.328	549	551	554	rVV	68661	71775	2.28%	0.195%
12	5.404	558	564	571	rVB2	664057	710269	22.61%	1.929%
13	5.581	590	594	599	rBV3	77047	113404	3.61%	0.308%
14	5.622	599	601	604	rVB	67988	59439	1.89%	0.161%
15	5.663	604	608	611	rBV2	54558	71973	2.29%	0.195%
16	5.745	620	622	626	rVB	60769	60256	1.92%	0.164%
17	5.834	632	637	641	rVB4	90357	137974	4.39%	0.375%
18	5.887	641	646	648	rBV3	56379	81813	2.60%	0.222%
19	5.969	654	660	664	rVB2	144418	168166	5.35%	0.457%
20	6.016	664	668	673	rBV4	67886	122370	3.89%	0.332%
21	6.063	673	676	679	rBV	293524	276778	8.81%	0.752%
22	6.122	682	686	691	rBV3	93409	135693	4.32%	0.368%
23	6.251	702	708	711	rBV2	128107	160472	5.11%	0.436%
24	6.292	711	715	717	rBV3	64176	67547	2.15%	0.183%
25	6.316	717	719	721	rVV	201029	156022	4.97%	0.424%
26	6.345	721	724	725	rVV3	219049	209341	6.66%	0.568%
27	6.363	725	727	731	rVB	854097	678012	21.58%	1.841%
28	6.404	731	734	736	rBV2	200773	167745	5.34%	0.455%
29	6.439	736	740	743	rVV2	134144	179489	5.71%	0.487%
30	6.492	746	749	751	rBV2	108286	105387	3.35%	0.286%
31	6.569	756	762	767	rBV2	260450	378316	12.04%	1.027%
32	6.634	769	773	776	rBV	3007096	2515354	80.05%	6.830%
33	6.804	798	802	805	rVV	2528622	2097657	66.76%	5.696%
34	6.828	805	806	810	rVB2	210975	137790	4.39%	0.374%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.863	810	812	815	rBV	336033	327343	10.42%	0.889%
36	6.957	825	828	830	rBV	294567	282753	9.00%	0.768%
37	6.986	830	833	837	rVB	1287881	1050642	33.44%	2.853%
38	7.057	840	845	848	rBV2	379619	345365	10.99%	0.938%
39	7.092	848	851	853	rVB2	111516	115571	3.68%	0.314%
40	7.128	853	857	859	rBV2	545242	508902	16.20%	1.382%
41	7.151	859	861	866	rVB	195919	176392	5.61%	0.479%
42	7.204	866	870	873	rVB	346329	303827	9.67%	0.825%
43	7.275	879	882	884	rVV	585708	471402	15.00%	1.280%
44	7.298	884	886	890	rVB	481579	367627	11.70%	0.998%
45	7.339	890	893	896	rBV	1299531	1243357	39.57%	3.376%
46	7.375	896	899	903	rVV	986282	882957	28.10%	2.398%
47	7.410	903	905	909	rVB	76612	66763	2.12%	0.181%
48	7.451	909	912	916	rBV4	124737	161875	5.15%	0.440%
49	7.492	916	919	922	rBV2	122574	137642	4.38%	0.374%
50	7.522	922	924	927	rVB3	82208	84360	2.68%	0.229%
51	7.575	927	933	935	rBV	634312	624690	19.88%	1.696%
52	7.604	935	938	942	rVV	973974	809758	25.77%	2.199%
53	7.651	944	946	949	rVB2	55985	54322	1.73%	0.148%
54	7.692	950	953	955	rBV	125700	124938	3.98%	0.339%
55	7.716	955	957	959	rVV	132030	114786	3.65%	0.312%
56	7.763	962	965	970	rVV	742000	769040	24.48%	2.088%
57	7.828	970	976	979	rVV2	1570878	1516871	48.28%	4.119%
58	7.863	979	982	985	rVV2	274167	349933	11.14%	0.950%
59	7.910	985	990	991	rVV4	191365	302563	9.63%	0.822%
60	7.928	991	993	996	rVV	219853	184534	5.87%	0.501%
61	7.963	996	999	1002	rVB	169028	150759	4.80%	0.409%
62	8.051	1007	1014	1015	rBV3	181427	230723	7.34%	0.626%
63	8.086	1015	1020	1022	rVV	3223554	3142043	100.00%	8.532%
64	8.110	1022	1024	1027	rVV2	504954	562056	17.89%	1.526%
65	8.133	1027	1028	1031	rVV	338623	274646	8.74%	0.746%
66	8.180	1034	1036	1039	rVB	138045	103174	3.28%	0.280%
67	8.245	1044	1047	1049	rBV4	78777	93364	2.97%	0.254%
68	8.333	1058	1062	1063	rBV2	75513	78424	2.50%	0.213%
69	8.369	1063	1068	1070	rVV4	209300	279281	8.89%	0.758%
70	8.386	1070	1071	1074	rVV3	95841	80266	2.55%	0.218%
71	8.475	1083	1086	1091	rBV	305375	255760	8.14%	0.694%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.522	1091	1094	1097	rVV4	50790	65715	2.09%	0.178%
73	8.557	1097	1100	1102	rVV	196642	159971	5.09%	0.434%
74	8.592	1104	1106	1112	rVV5	105939	138990	4.42%	0.377%
75	8.675	1118	1120	1124	rVB3	122149	130258	4.15%	0.354%
76	8.751	1130	1133	1135	rVV2	113149	84061	2.68%	0.228%
77	8.798	1139	1141	1143	rVV	91363	62824	2.00%	0.171%
78	8.892	1152	1157	1163	rBV5	191162	372079	11.84%	1.010%
79	8.933	1163	1164	1168	rVB4	67920	54921	1.75%	0.149%
80	9.027	1178	1180	1183	rBV2	152502	143630	4.57%	0.390%
81	9.063	1183	1186	1192	rVB3	103164	148269	4.72%	0.403%
82	9.157	1199	1202	1208	rVB	203076	178989	5.70%	0.486%
83	9.216	1208	1212	1215	rBV	64202	61461	1.96%	0.167%
84	9.351	1232	1235	1241	rBV3	86193	129019	4.11%	0.350%
85	9.422	1245	1247	1249	rBV2	117519	104863	3.34%	0.285%
86	9.551	1264	1269	1271	rBV	221700	215348	6.85%	0.585%
87	9.569	1271	1272	1277	rVB	177672	128060	4.08%	0.348%
88	9.839	1314	1318	1322	rVV2	2822030	2376890	75.65%	6.454%
89	10.080	1356	1359	1367	rVB	50585	68792	2.19%	0.187%
90	10.621	1448	1451	1454	rBV	91567	77664	2.47%	0.211%
91	11.069	1523	1527	1534	rVB	149728	171828	5.47%	0.467%
92	11.321	1566	1570	1574	rBV	2598655	2208136	70.28%	5.996%
93	11.851	1657	1660	1665	rBV2	180110	212964	6.78%	0.578%
94	11.921	1668	1672	1676	rVB	63506	71887	2.29%	0.195%
95	12.639	1791	1794	1799	rBV3	88886	110958	3.53%	0.301%
96	12.698	1801	1804	1806	rVB2	55090	61475	1.96%	0.167%
97	12.904	1837	1839	1842	rBV	173123	143960	4.58%	0.391%
98	13.962	2015	2019	2022	rBV	1604957	1558285	49.59%	4.231%
99	15.404	2260	2264	2269	rBV	933979	1132177	36.03%	3.074%
100	18.697	2822	2824	2828	rBV4	150826	190523	6.06%	0.517%

Sum of corrected areas: 36827376

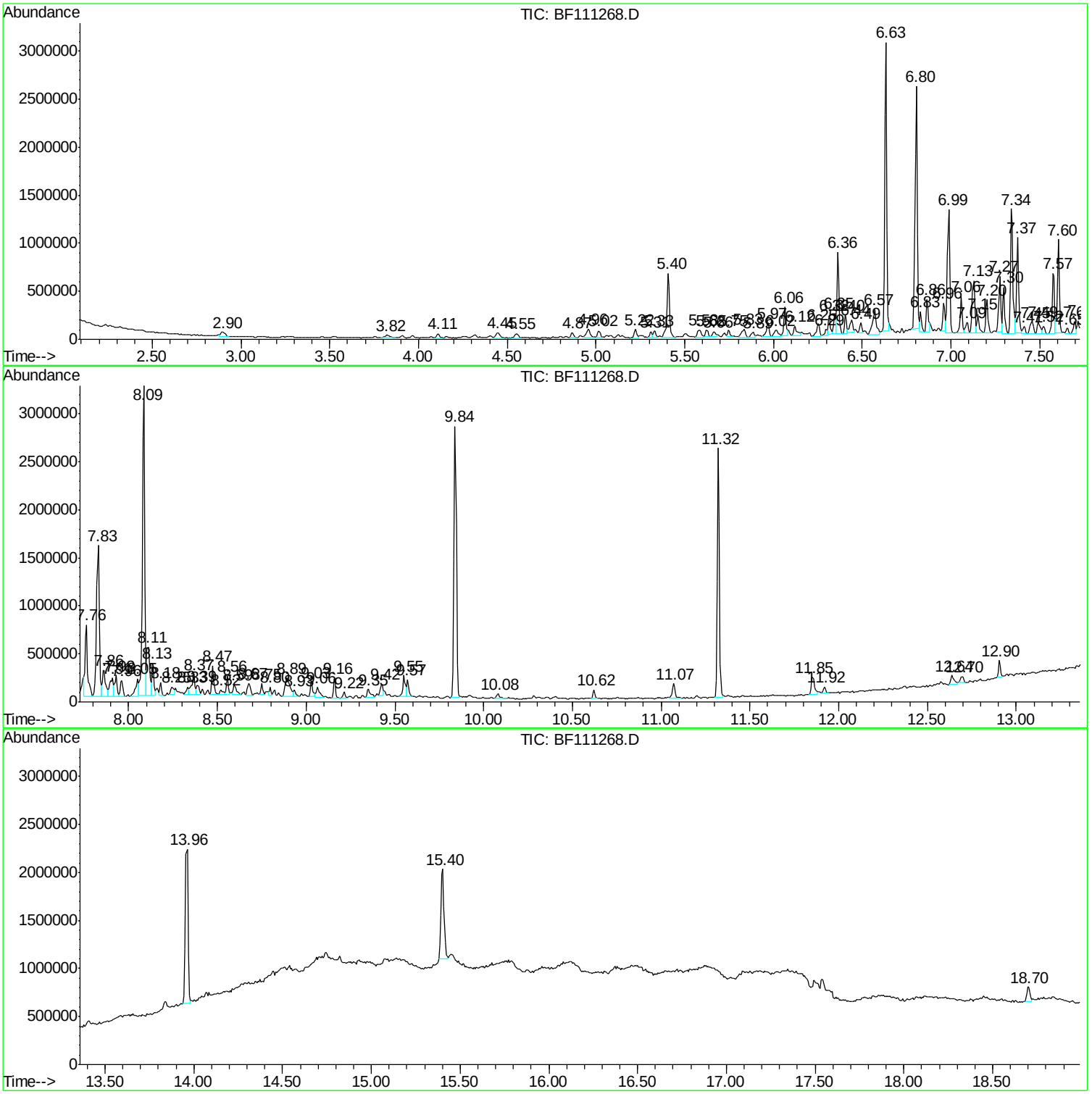
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

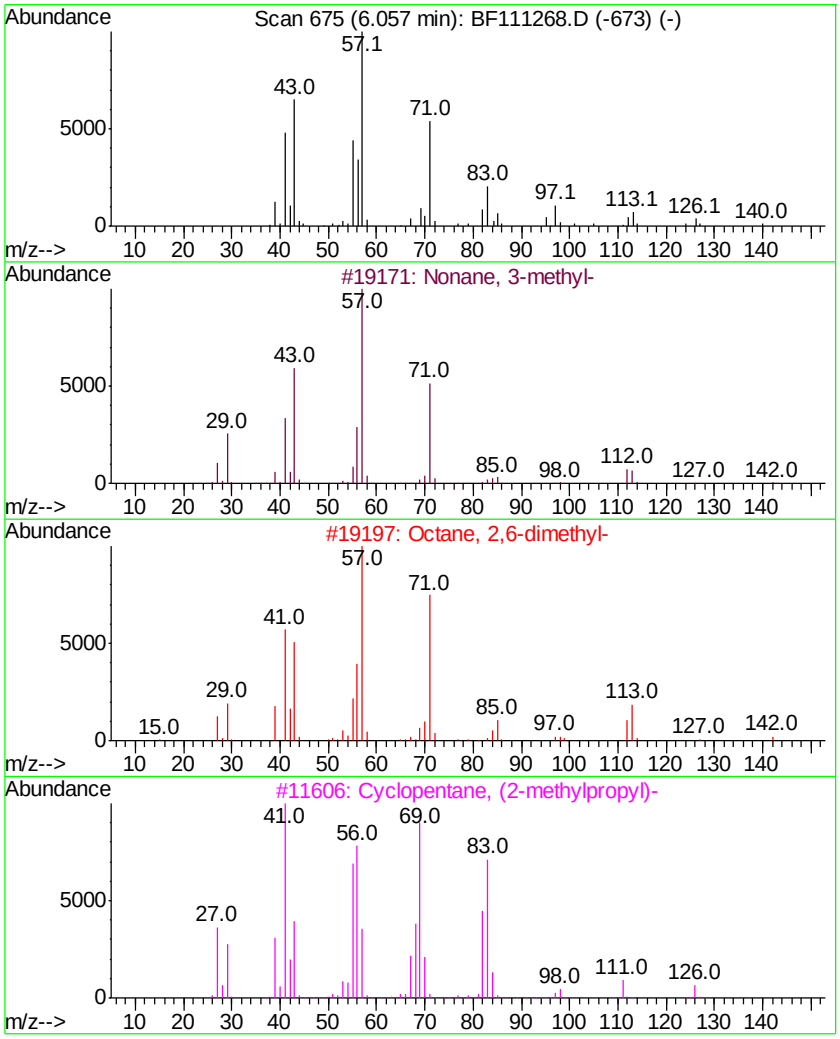
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

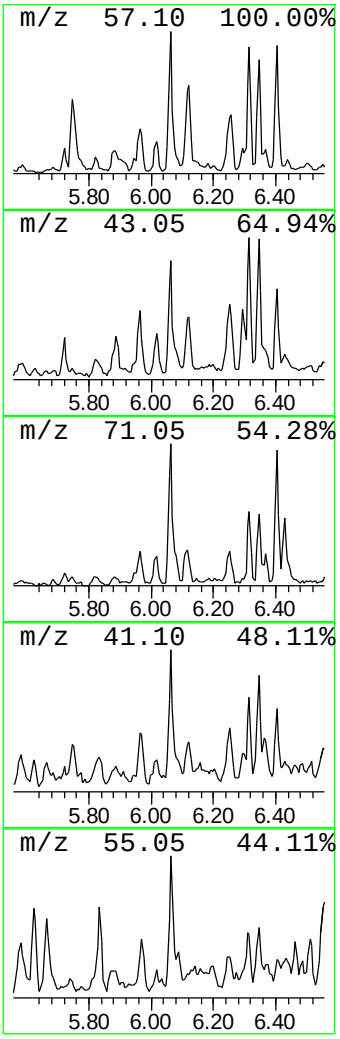
****

Peak Number 2 unknown6.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	2.64 ng	276778	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	46
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

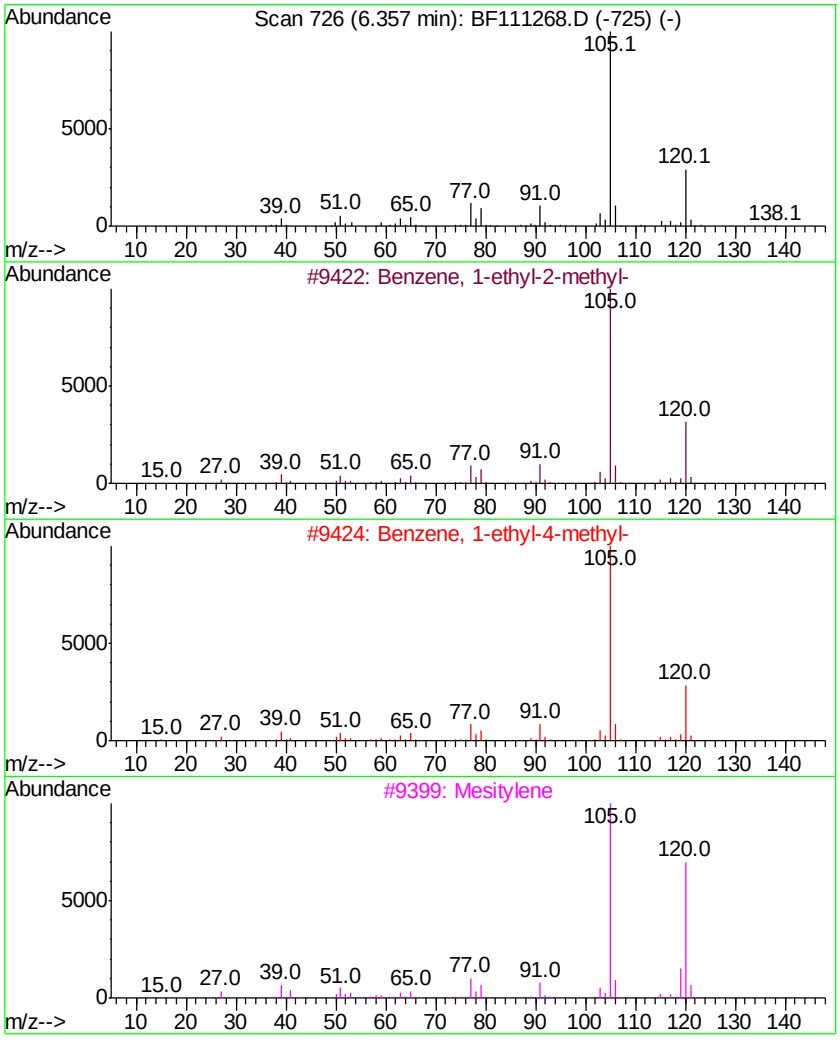
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

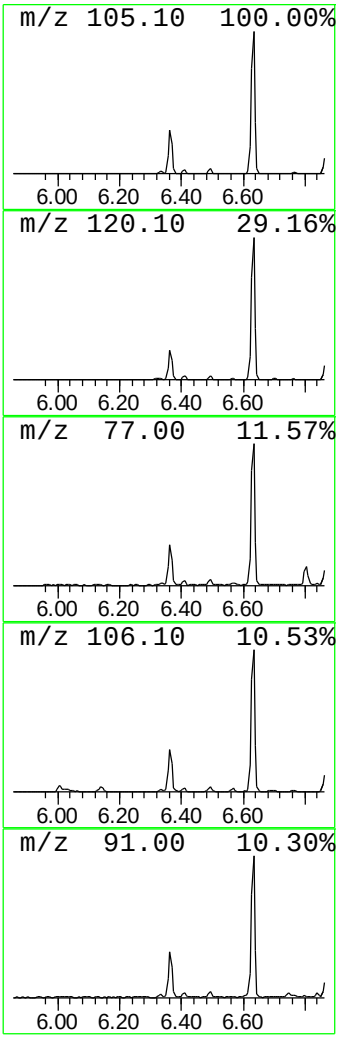
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	6.46 ng	678012	1,4-Dichlorobenzene-d4	6.80

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-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

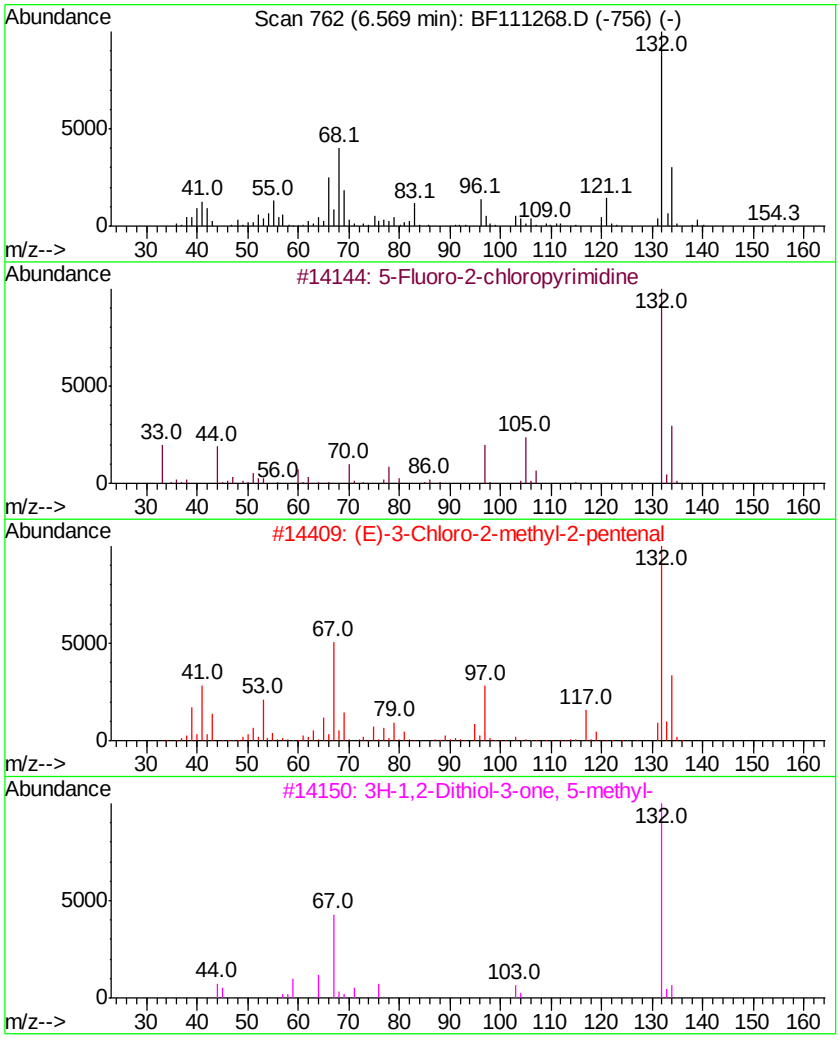
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

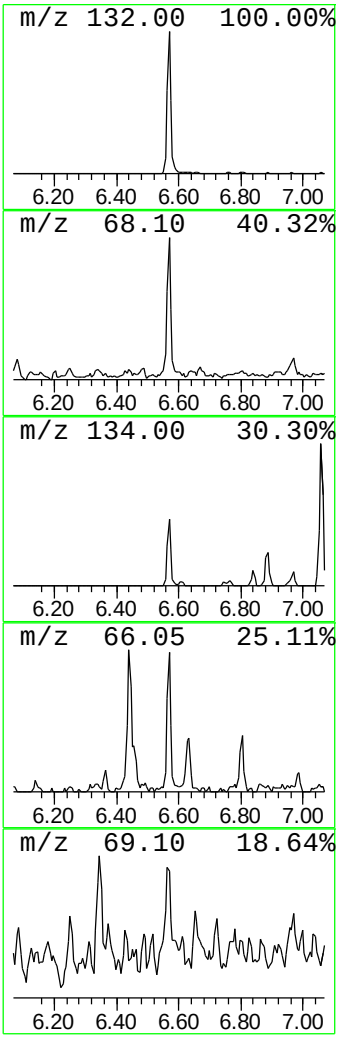
****

Peak Number 4 unknown6.57 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	3.61 ng	378316	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

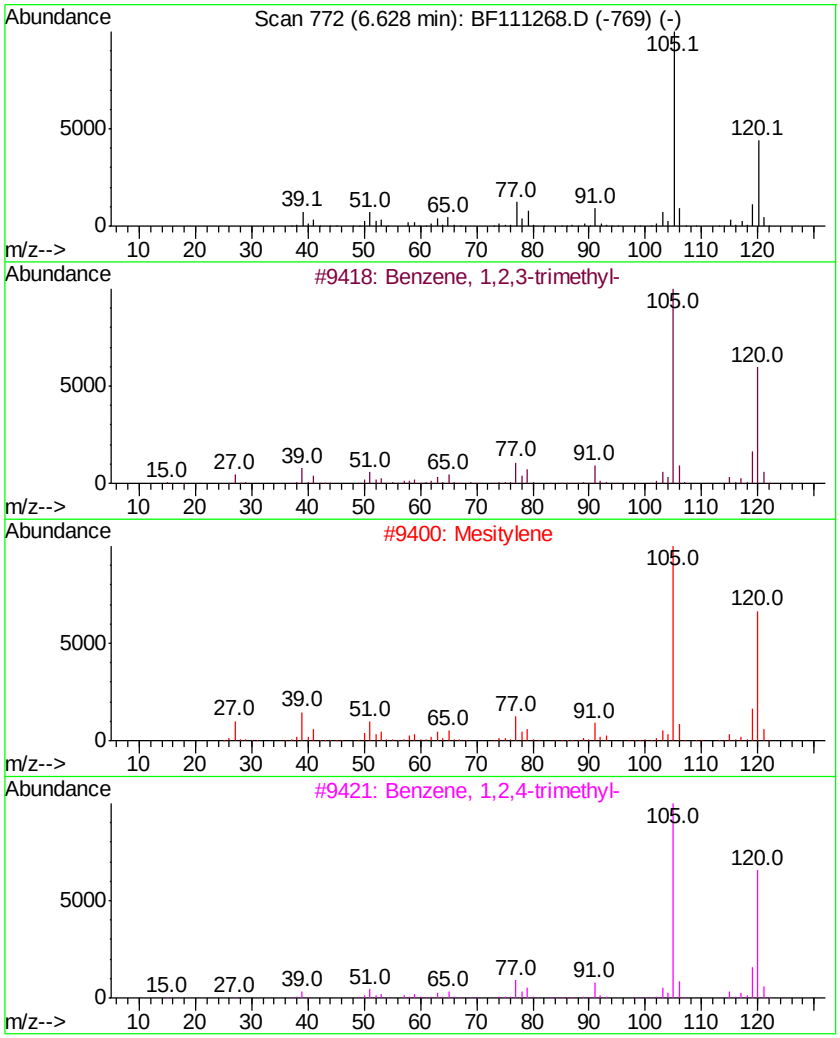
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

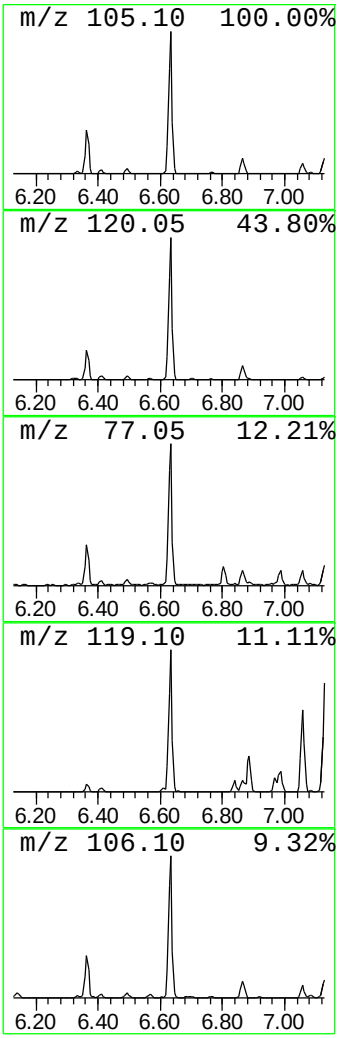
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	23.98 ng	2515350	1,4-Dichlorobenzene-d4	6.80

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-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

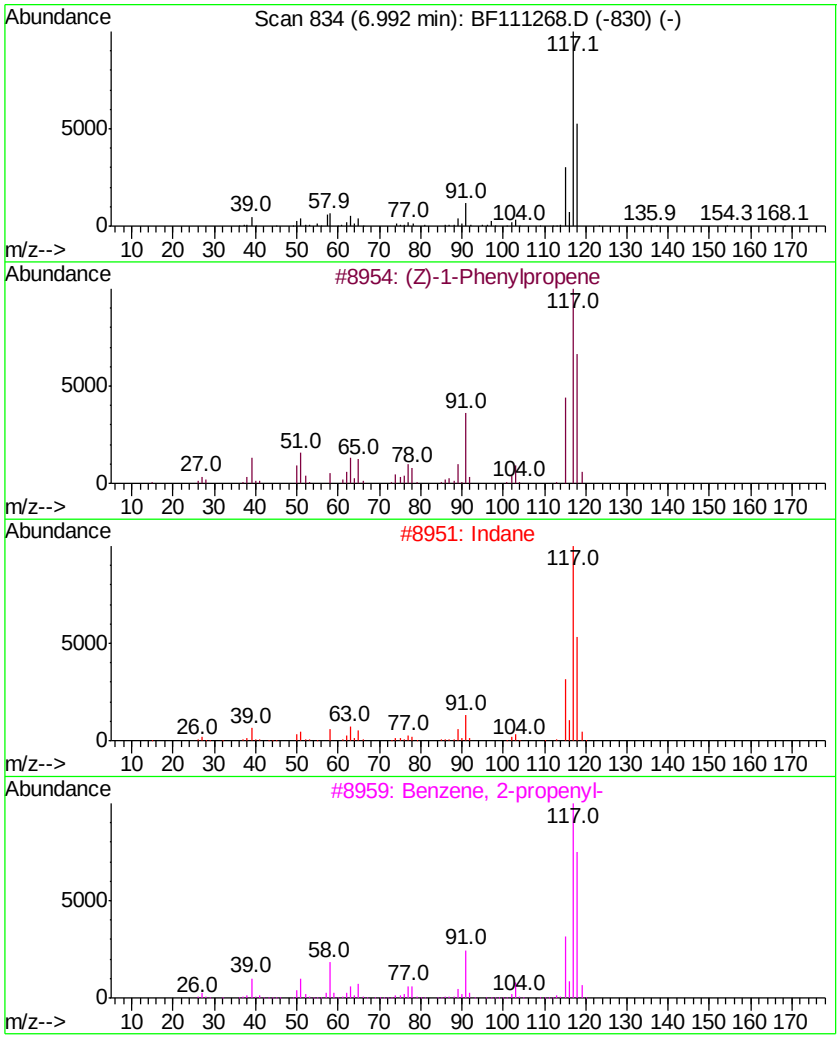
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

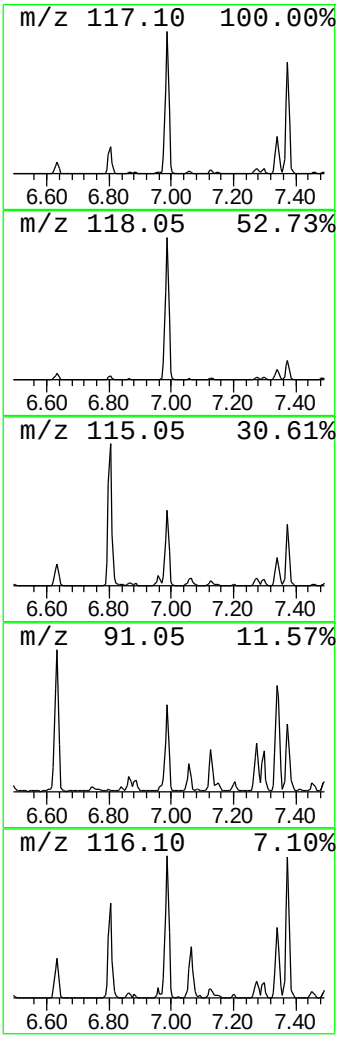
****

Peak Number 8 (Z)-1-Phenylpropene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	10.02 ng	1050640	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	Deltacyclene	118	C9H10	007785-10-6	64





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Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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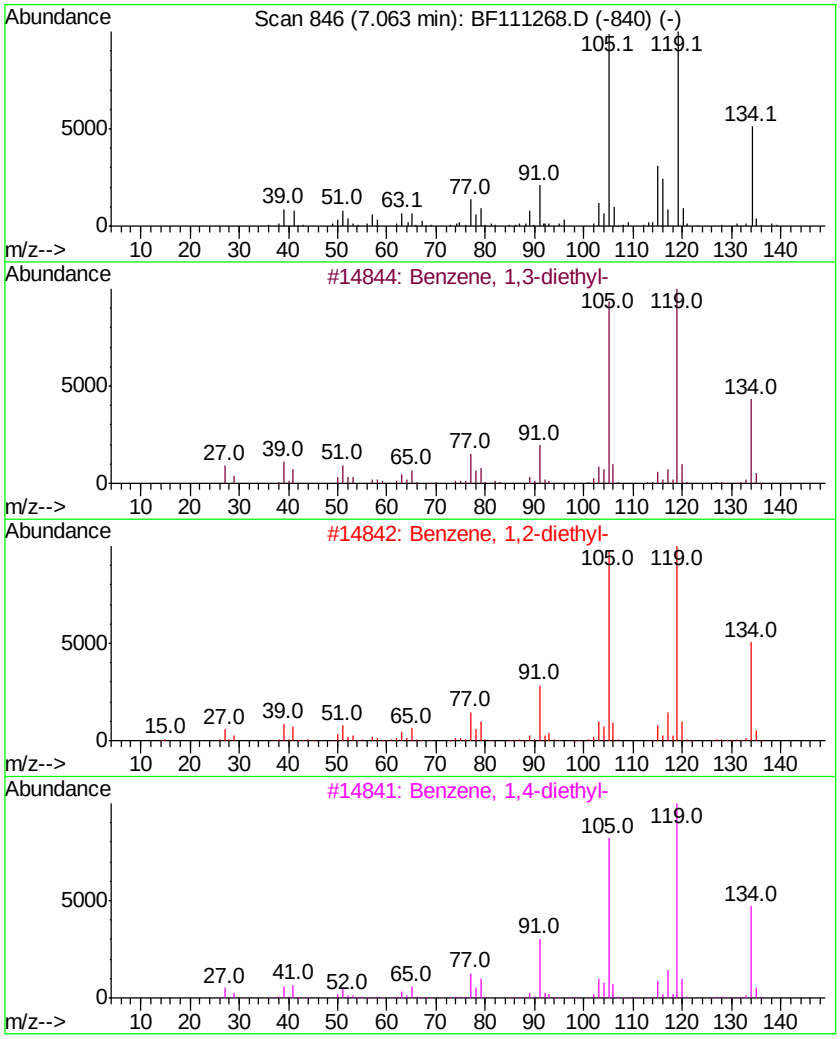
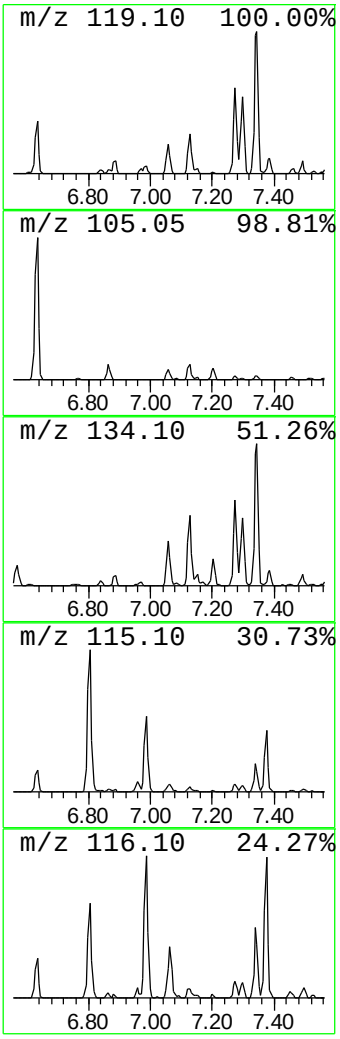
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	3.29 ng	345365	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	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Library Search Compound Report

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Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

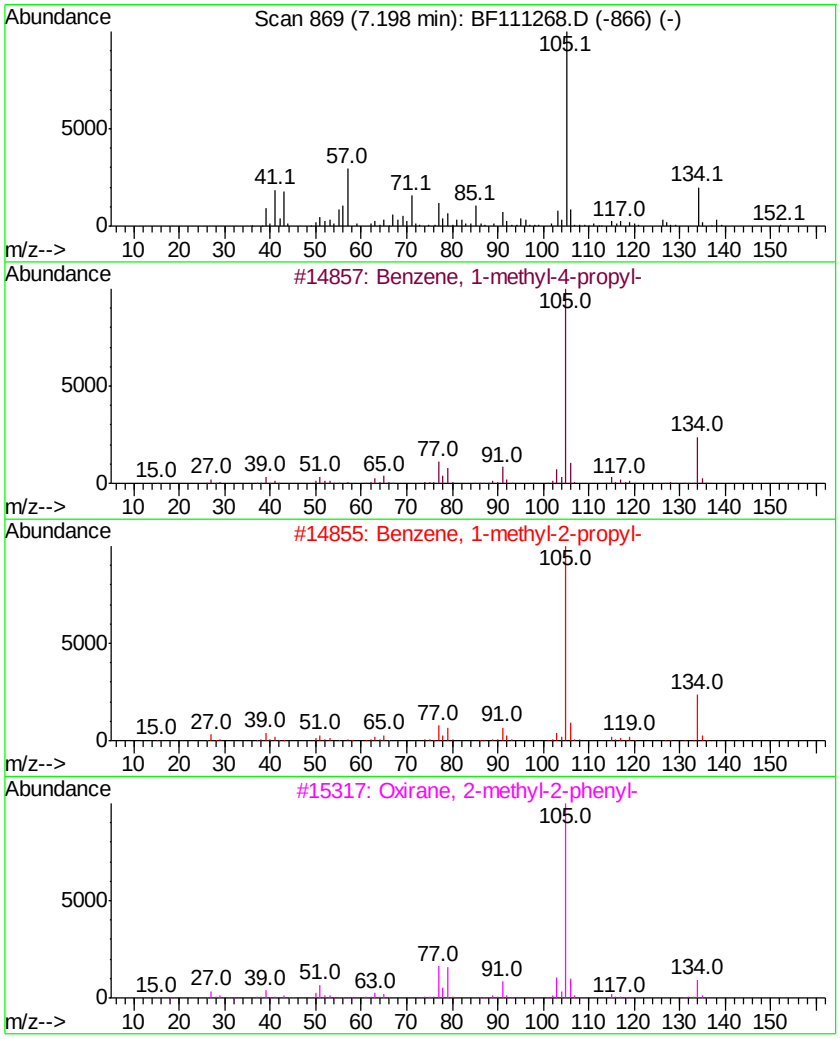
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

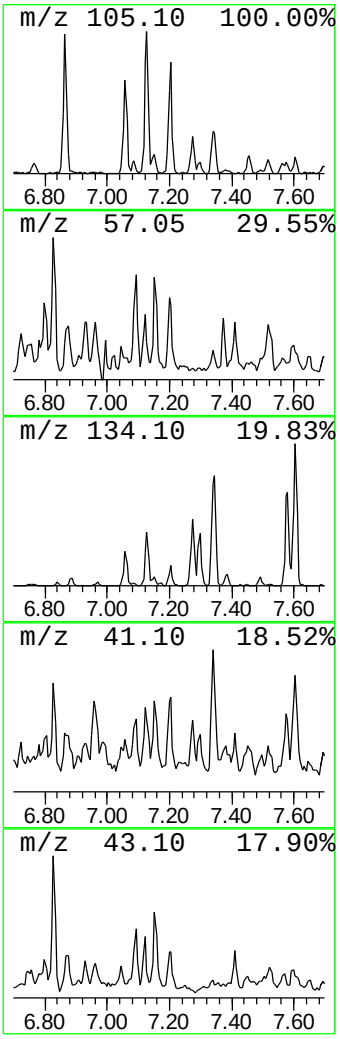
****

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	2.90 ng	303827	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
5	2-Tolyloxirane	134	C9H10O	002783-26-8	58





Library Search Compound Report

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Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

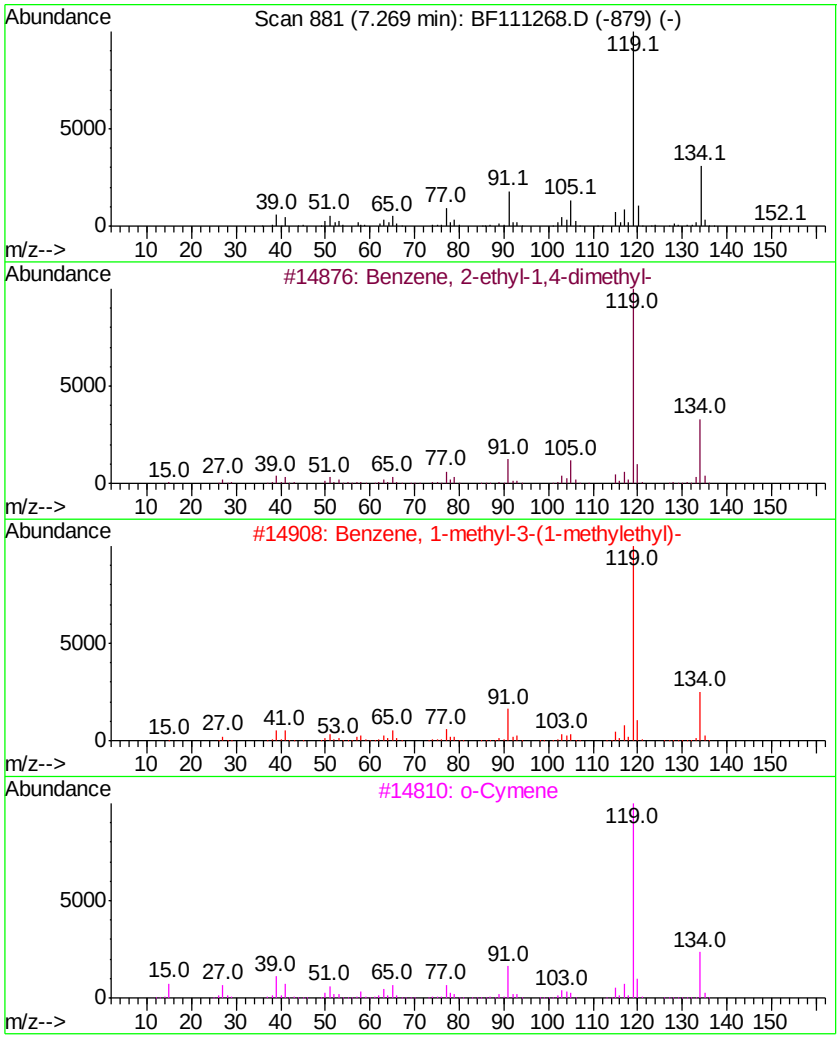
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

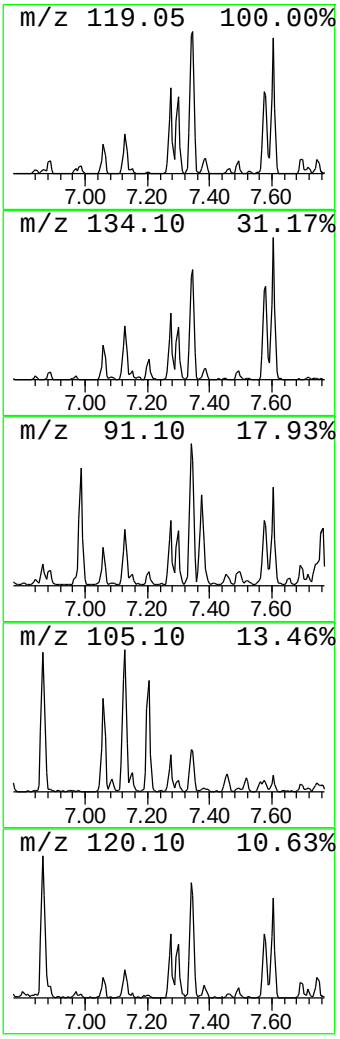
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	4.49 ng	471402	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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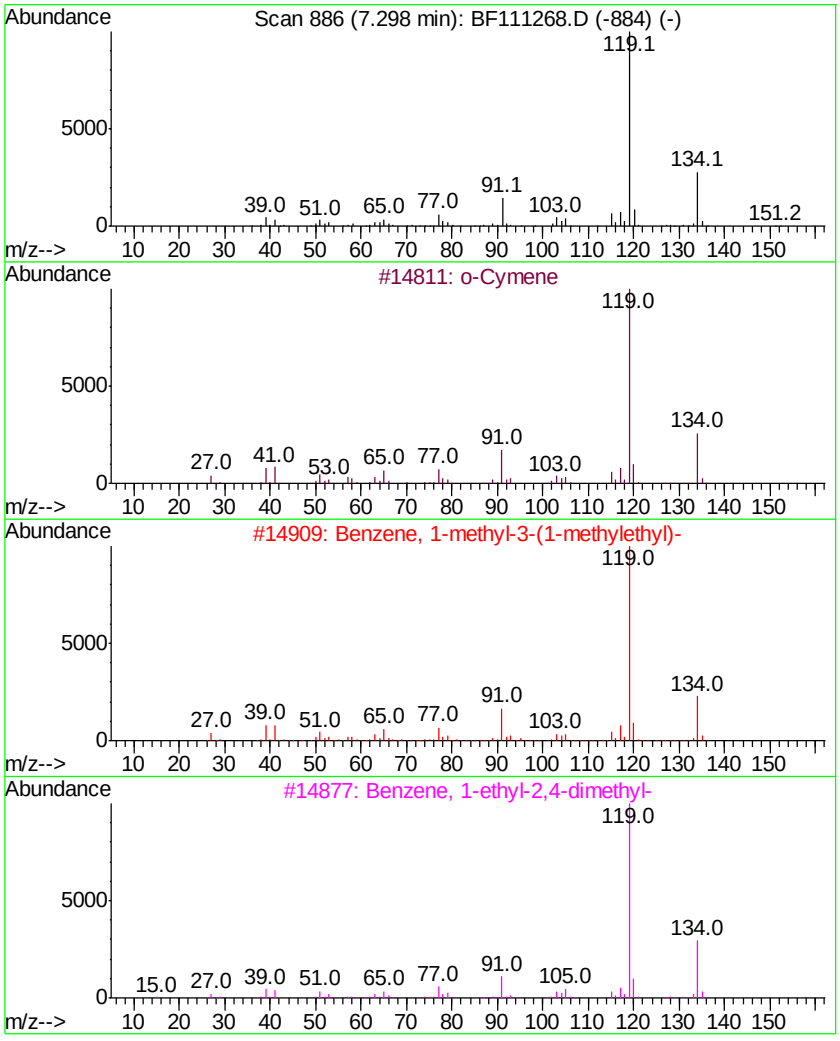
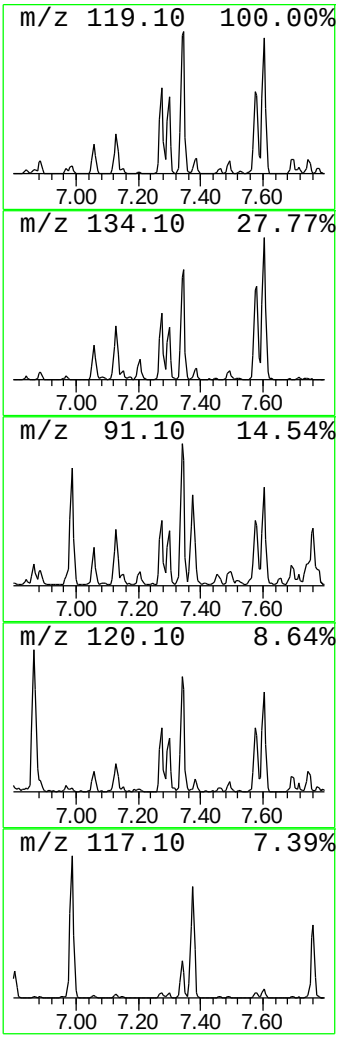
Peak Number 13 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	3.51 ng	367627	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

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Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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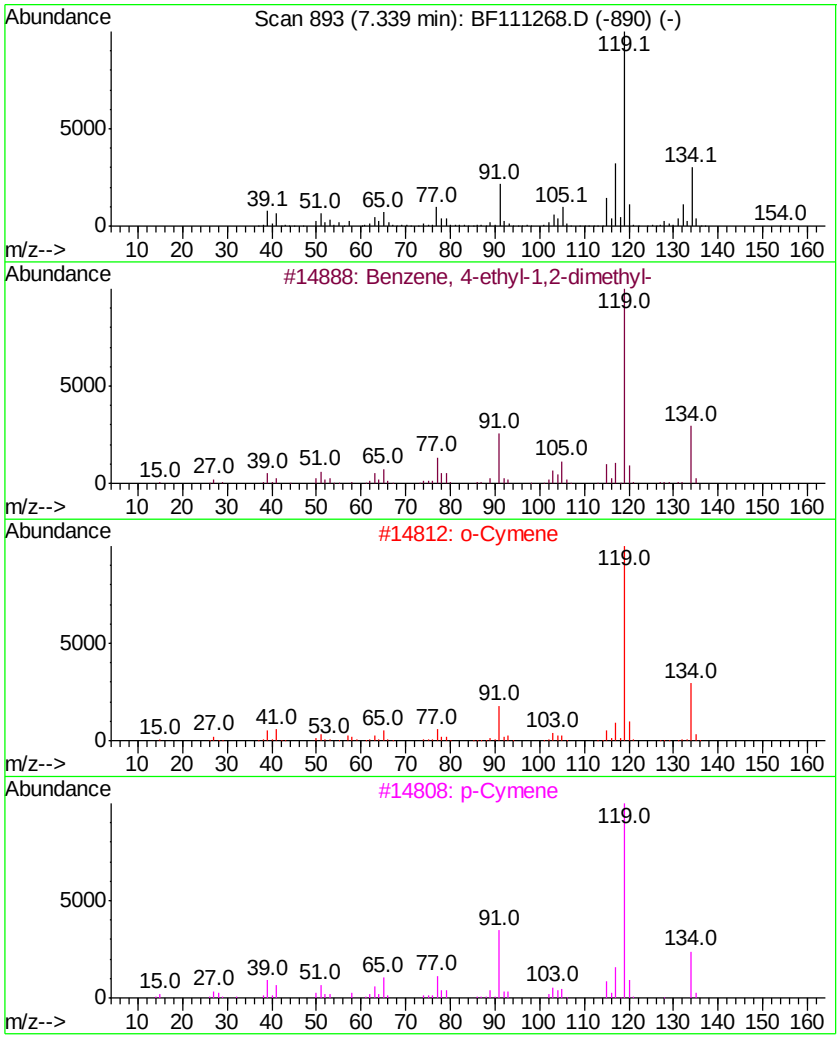
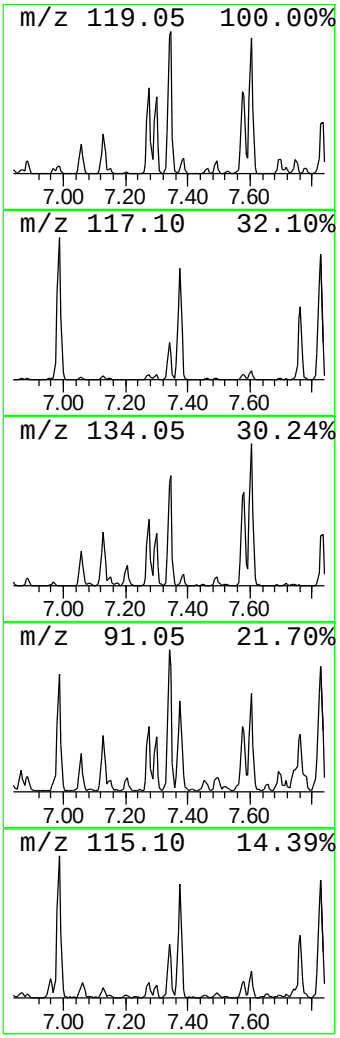
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	11.85 ng	1243360	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	o-Cymene	134	C10H14	000527-84-4	81
3	p-Cymene	134	C10H14	000099-87-6	81
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





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Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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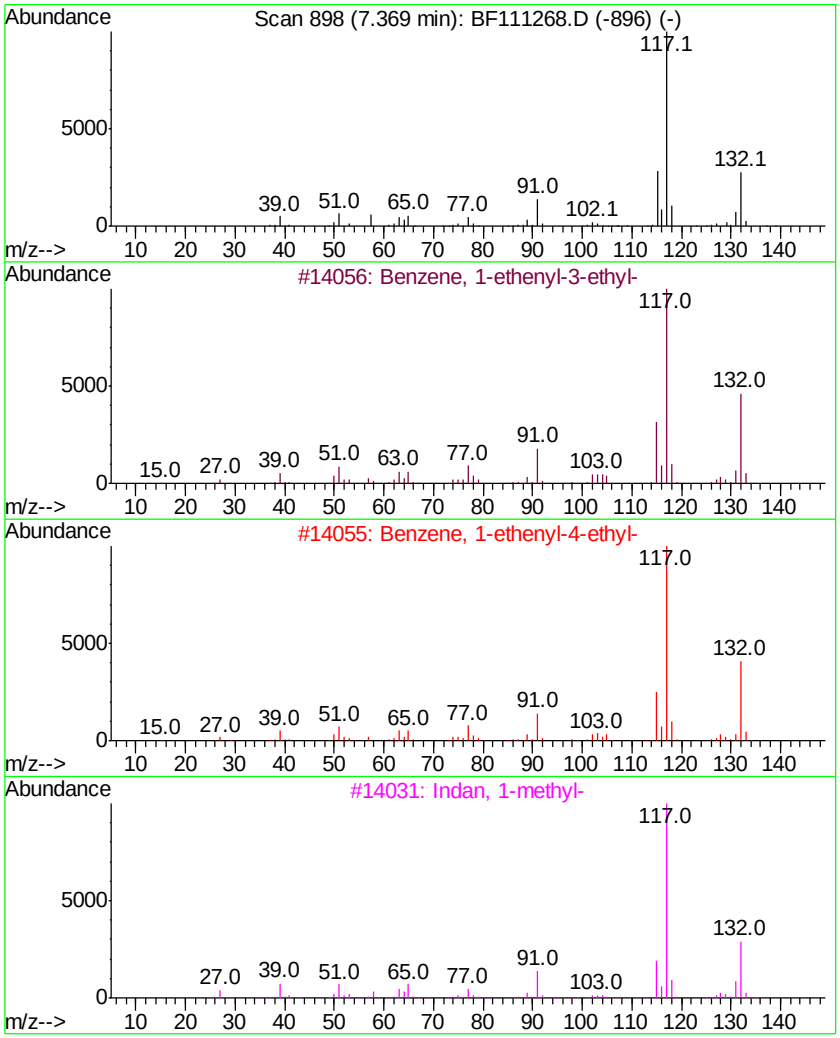
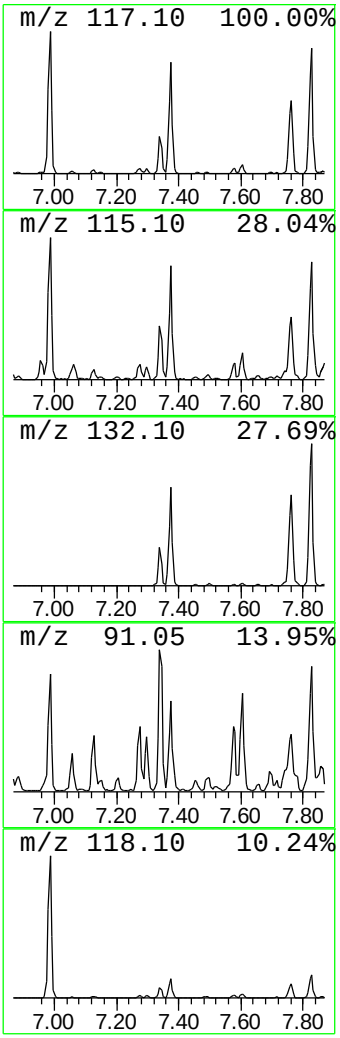
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	8.42 ng	882957	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





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Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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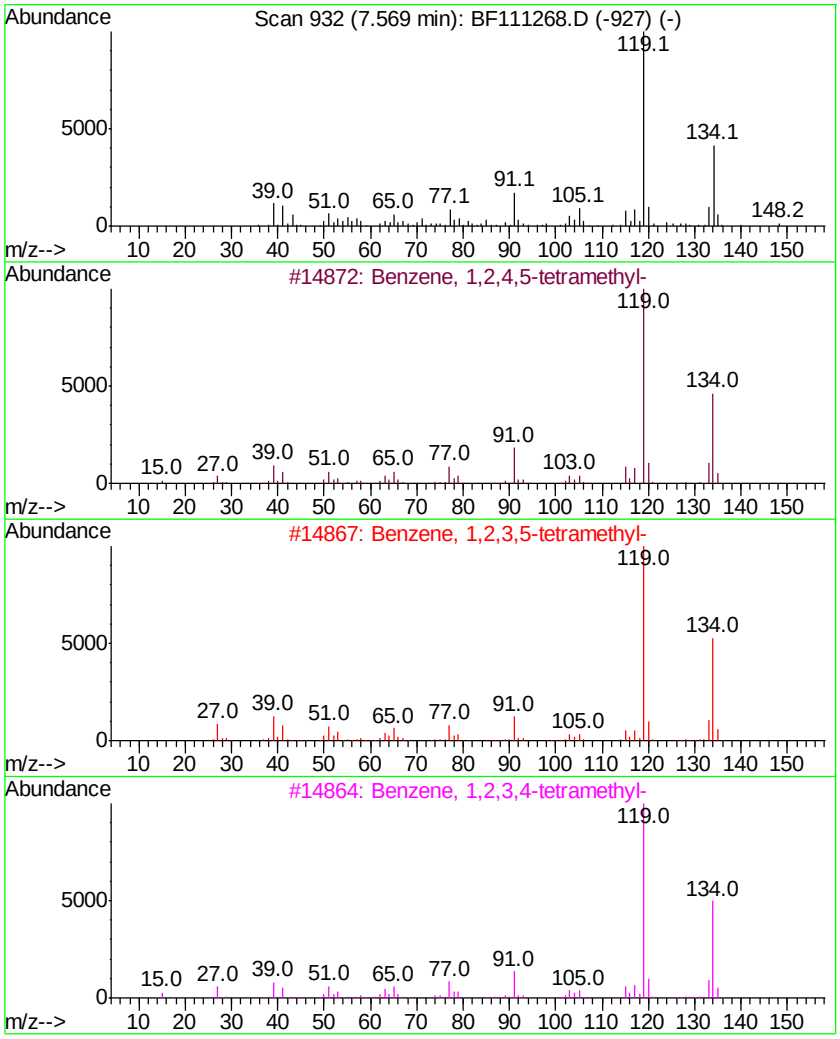
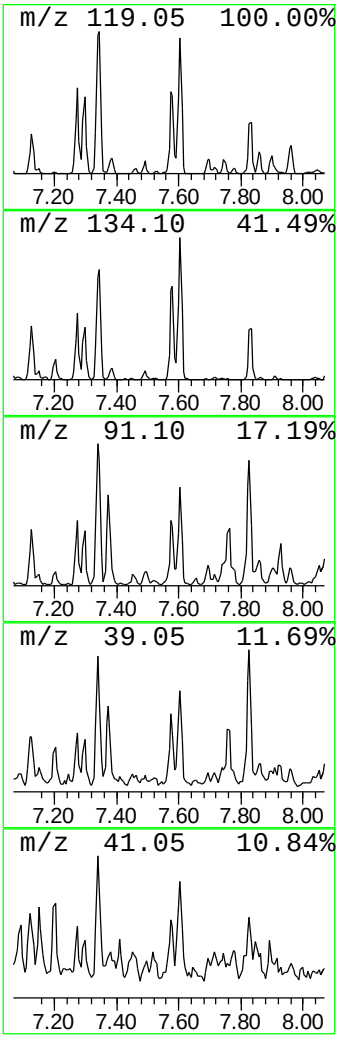
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.98 ng	624690	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	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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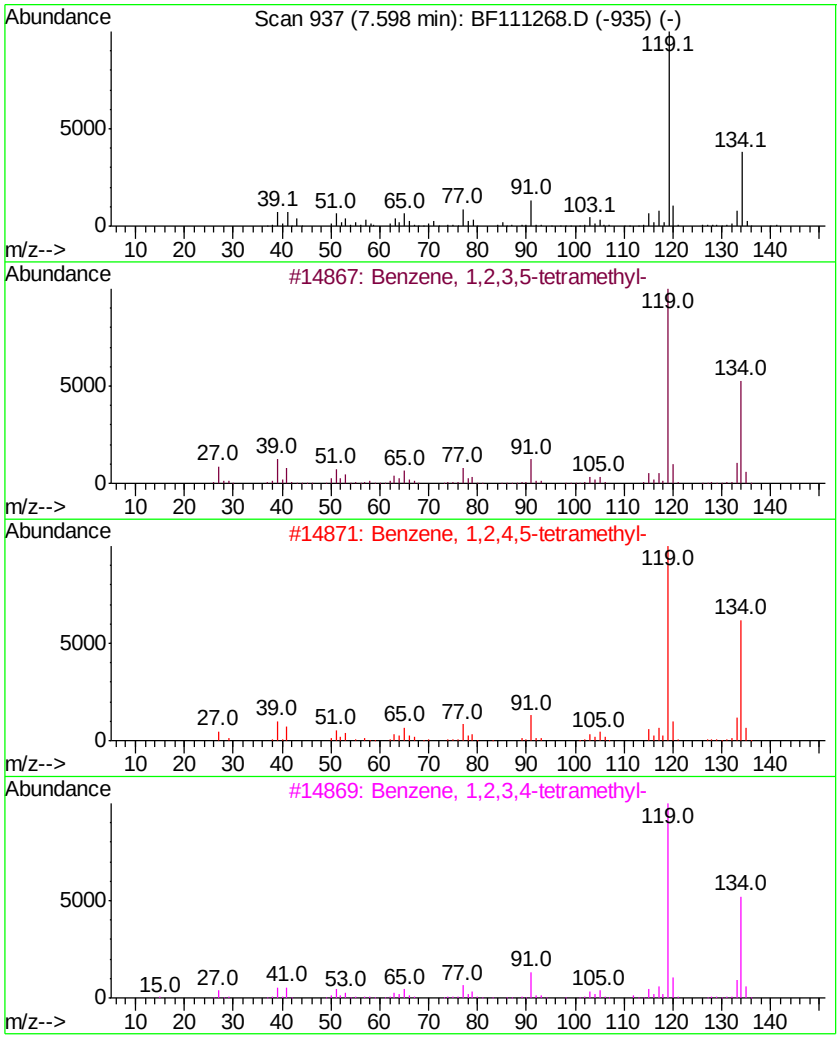
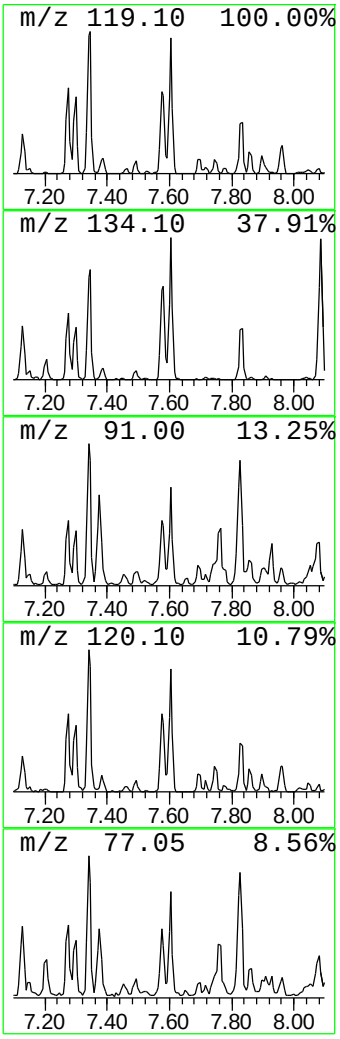
Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	5.15 ng	809758	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	p-Cymene	134	C10H14	000099-87-6	91





Library Search Compound Report

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Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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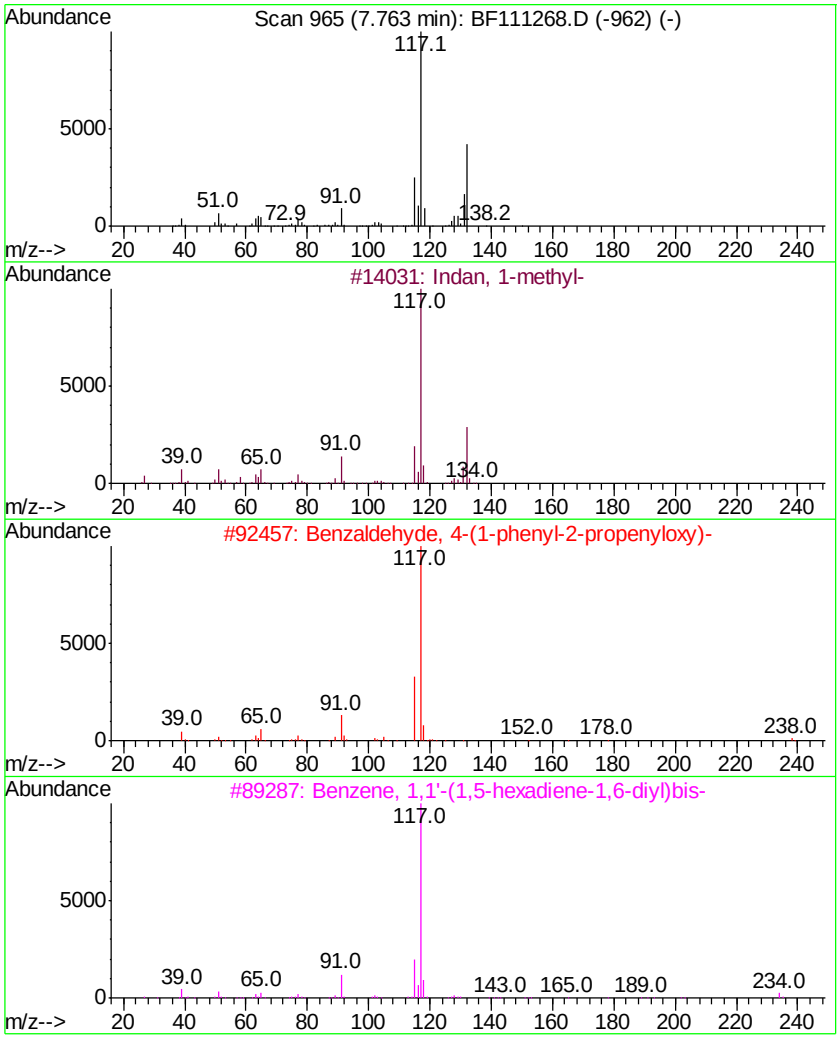
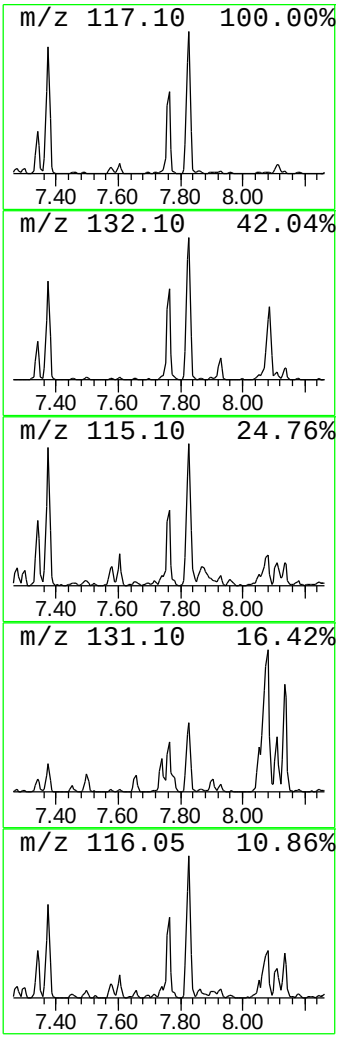
Peak Number 18 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.90 ng	769040	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	47
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	38
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	38
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	38





Library Search Compound Report

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Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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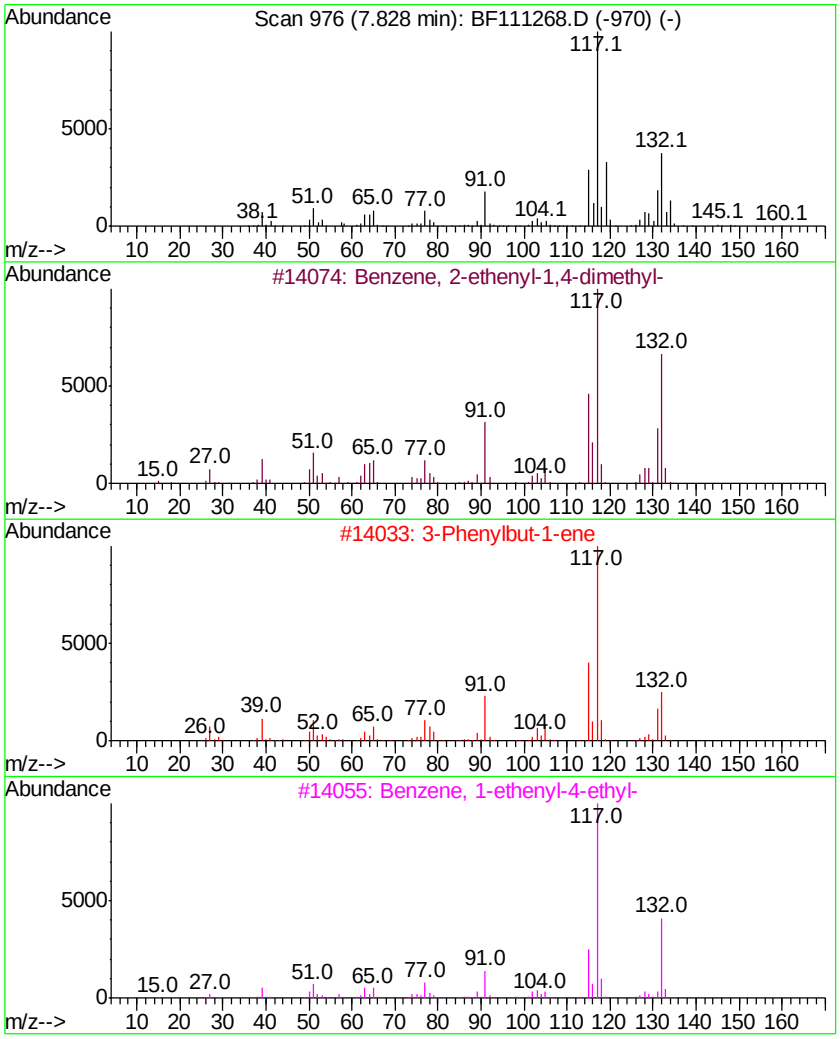
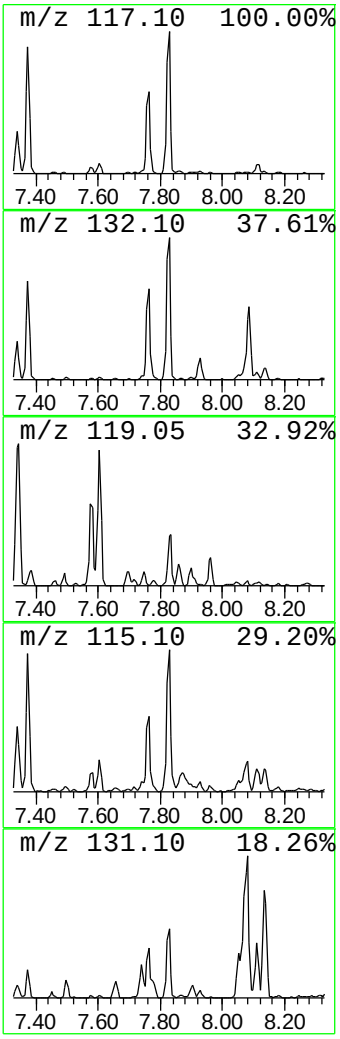
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	9.66 ng	1516870	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	91
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111268.D
Acq On : 11 Dec 2018 3:10
Operator : JU/SJ
Sample : J6269-03 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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
unknown6.06	6.06	2.6	ng	276778	1	6.80	2097660	20.0
Benzene, 1-ethyl-...	6.36	6.5	ng	678012	1	6.80	2097660	20.0
unknown6.57	6.57	3.6	ng	378316	1	6.80	2097660	20.0
Benzene, 1,2,3-tr...	6.63	24.0	ng	2515350	1	6.80	2097660	20.0
(Z)-1-Phenylpropene	6.99	10.0	ng	1050640	1	6.80	2097660	20.0
Benzene, 1,3-diet...	7.06	3.3	ng	345365	1	6.80	2097660	20.0
Benzene, 1-methyl...	7.20	2.9	ng	303827	1	6.80	2097660	20.0
Benzene, 2-ethyl-...	7.27	4.5	ng	471402	1	6.80	2097660	20.0
o-Cymene	7.30	3.5	ng	367627	1	6.80	2097660	20.0
Benzene, 4-ethyl-...	7.34	11.9	ng	1243360	1	6.80	2097660	20.0
Benzene, 1-etheny...	7.37	8.4	ng	882957	1	6.80	2097660	20.0
Benzene, 1,2,4,5-...	7.57	4.0	ng	624690	2	8.09	3142040	20.0
Benzene, 1,2,3,5-...	7.60	5.2	ng	809758	2	8.09	3142040	20.0
Indan, 1-methyl-	7.76	4.9	ng	769040	2	8.09	3142040	20.0
Benzene, 2-etheny...	7.83	9.7	ng	1516870	2	8.09	3142040	20.0