LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

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-BF012519.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	2.134	4	8	14	rVB	135817	188974	4.38%	0.296%
2	2.993	140	154	164	rVB3	44011	142768	3.31%	0.223%
3	3.887	298	306	308	rBV2	126058	196158	4.55%	0.307%
4	3.910	308	310	316	rVB	215291	280714	6.51%	0.439%
5	4.028	324	330	336	rVB	145764	235714	5.46%	0.369%
6	4.169	345	354	359	rBV3	64125	115629	2.68%	0.181%
7	4.316	372	379	382	rBV2	44101	68981	1.60%	0.108%
8	4.351	382	385	390	rVB2	37373	62159	1.44%	0.097%
9	4.487	403	408	415	rVB3	176102	276439	6.41%	0.432%
10	4.598	420	427	435	rBV3	100183	162220	3.76%	0.254%
11	4.898	475	478	483	rVB	57537	72958	1.69%	0.114%
12	4.981	489	492	500	rVV2	168414	244508	5.67%	0.383%
13	5.063	500	506	513	rVV2	122233	238655	5.53%	0.373%
14	5.251	533	538	540	rBV2	100961	110701	2.57%	0.173%
15	5.316	546	549	554	rBV2	771213	899117	20.84%	1.407%
16	5.357	554	556	560	rVB	228785	208263	4.83%	0.326%
17	5.428	563	568	573	rBV2	1390025	2067604	47.92%	3.235%
18	5.475	573	576	583	rVV	3261988	3110497	72.09%	4.866%
19	5.610	595	599	604	rVV3	75870	121157	2.81%	0.190%
20	5.681	608	611	619	rVV	380417	446195	10.34%	0.698%
21	5.745	619	622	628	rVB	357342	327154	7.58%	0.512%
22	5.904	644	649	652	rBV3	61978	88865	2.06%	0.139%
23	5.981	657	662	664	rBV	113032	153043	3.55%	0.239%
24	5.998	664	665	668	rVB	142652	113502	2.63%	0.178%
25	6.034	668	671	674	rVB	76541	70217	1.63%	0.110%
26	6.081	676	679	682	rVV2	149834	147304	3.41%	0.230%
27	6.269	706	711	713	rBV2	147640	197096	4.57%	0.308%
28	6.292	713	715	717	rVV	542764	430979	9.99%	0.674%
29	6.334	720	722	723	rVV	205155	160131	3.71%	0.251%
30	6.357	723	726	729	rVV	2058889	1722081	39.91%	2.694%
31	6.387	729	731	734	rVV	866995	698825	16.20%	1.093%
32	6.434	734	739	744	rVV2	911736	938325	21.75%	1.468%
33	6.487	744	748	751	rVV	3309324	3273004	75.86%	5.121%
34	6.516	751	753	759	rVB	726050	628646	14.57%	0.984%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.610	765	769	774	rBV	3772343	3531515	81.85%	5.525%
36	6.657	774	777	784	rVB	2598941	2449503	56.77%	3.832%
37	6.769	792	796	798	rBV2	104200	127454	2.95%	0.199%
38	6.834	802	807	810	rVV	784355	825429	19.13%	1.291%
39	6.857	810	811	813	rVV	135978	100593	2.33%	0.157%
40	6.886	813	816	823	rVV	535303	537758	12.46%	0.841%
41	6.945	823	826	829	rVV	77870	73747	1.71%	0.115%
42	6.987	829	833	836	rVV	2846420	2838122	65.78%	4.440%
43	7.010	836	837	840	rVV	580405	357448	8.28%	0.559%
44	7.081	843	849	851	rVV	290759	323887	7.51%	0.507%
45	7.104	851	853	856	rVV	768301	645253	14.96%	1.010%
46	7.151	856	861	868	rVB	1160064	1319165	30.58%	2.064%
47	7.222	868	873	877	rBV2	296811	337401	7.82%	0.528%
48	7.292	882	885	887	rBV	426872	392005	9.09%	0.613%
49	7.316	887	889	893	rVB	407568	370700	8.59%	0.580%
50	7.363	893	897	899	rBV	794988	823422	19.09%	1.288%
51	7.398	899	903	906	rVV	2524540	2453951	56.88%	3.839%
52	7.428	906	908	912	rVV	206355	177141	4.11%	0.277%
53	7.475	912	916	919	rVB2	152430	172248	3.99%	0.269%
54	7.516	919	923	925	rBV2	258843	264745	6.14%	0.414%
55	7.539	925	927	930	rVB3	82036	79029	1.83%	0.124%
56	7.598	930	937	939	rBV	431804	463989	10.75%	0.726%
57	7.628	939	942	946	rVV	620770	535176	12.40%	0.837%
58	7.716	952	957	958	rBV2	174905	171576	3.98%	0.268%
59	7.734	958	960	962	rVV2	159894	137079	3.18%	0.214%
60	7.763	962	965	967	rVV2	241070	302550	7.01%	0.473%
61	7.786	967	969	973	rVV2	486438	508085	11.78%	0.795%
62	7.828	973	976	977	rVV	261396	231183	5.36%	0.362%
63	7.851	977	980	983	rVV2	786539	915766	21.23%	1.433%
64	7.881	983	985	987	rVV	280092	239971	5.56%	0.375%
65	7.928	987	993	995	rVV4	183938	321978	7.46%	0.504%
66	7.951	995	997	999	rVV	139953	102372	2.37%	0.160%
67	7.981	999	1002	1005	rVB	190785	157718	3.66%	0.247%
68	8.110	1009	1024	1026	rBV2	1026458	1822815	42.25%	2.852%
69	8.133	1026	1028	1031	rVV2	865878	880646	20.41%	1.378%
70	8.157	1031	1032	1036	rVV2	273547	222927	5.17%	0.349%
71	8.198	1036	1039	1042	rVB2	149328	133388	3.09%	0.209%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.281	1047	1053	1056	rBV3	80058	132060	3.06%	0.207%
73	8.363	1061	1067	1068	rBV4	69638	79796	1.85%	0.125%
74	8.386	1068	1071	1073	rBV2	122047	118878	2.76%	0.186%
75	8.457	1081	1083	1086	rVB3	65897	65615	1.52%	0.103%
76	8.498	1086	1090	1092	rBV	211844	214741	4.98%	0.336%
77	8.581	1101	1104	1106	rVB	108010	96849	2.24%	0.152%
78	8.616	1106	1110	1115	rVB4	111660	129231	3.00%	0.202%
79	8.698	1121	1124	1128	rBV2	161678	166759	3.87%	0.261%
80	8.828	1142	1146	1150	rVB	554887	476564	11.05%	0.746%
81	8.928	1157	1163	1166	rBV	193670	224254	5.20%	0.351%
82	9.186	1202	1207	1218	rBV	4267233	4150084	96.19%	6.493%
83	9.580	1271	1274	1282	rVB	300412	275425	6.38%	0.431%
84	9.869	1318	1323	1333	rBV	1160041	1110635	25.74%	1.738%
85	10.663	1454	1458	1471	rBV	3023664	2808722	65.10%	4.394%
86	11.357	1572	1576	1592	rVB	1325972	1173932	27.21%	1.837%
87	11.880	1661	1665	1675	rBV2	349572	387855	8.99%	0.607%
88	12.663	1794	1798	1804	rBV	99055	122368	2.84%	0.191%
89	12.939	1840	1845	1848	rBV	4554743	4314496	100.00%	6.750%
90	13.821	1992	1995	2000	rBV	345456	448680	10.40%	0.702%
91	14.004	2022	2026	2033	rBV	1092163	1101270	25.52%	1.723%
92	14.145	2046	2050	2054	rBV	115962	108045	2.50%	0.169%
93	14.451	2098	2102	2109	rVB	167701	175728	4.07%	0.275%
94	14.751	2149	2153	2157	rBV	232563	232464	5.39%	0.364%
95	15.086	2205	2210	2214	rVB	272012	311426	7.22%	0.487%
96	15.474	2268	2276	2284	rBV2	682308	1257230	29.14%	1.967%
97	15.886	2340	2346	2352	rBV	224647	353101	8.18%	0.552%
98	15.945	2353	2356	2364	rVB5	31709	63646	1.48%	0.100%
99	16.380	2425	2430	2436	rBV	102991	191024	4.43%	0.299%
100	16.968	2524	2530	2537	rBV4	37036	79574	1.84%	0.124%

Sum of corrected areas: 63916770

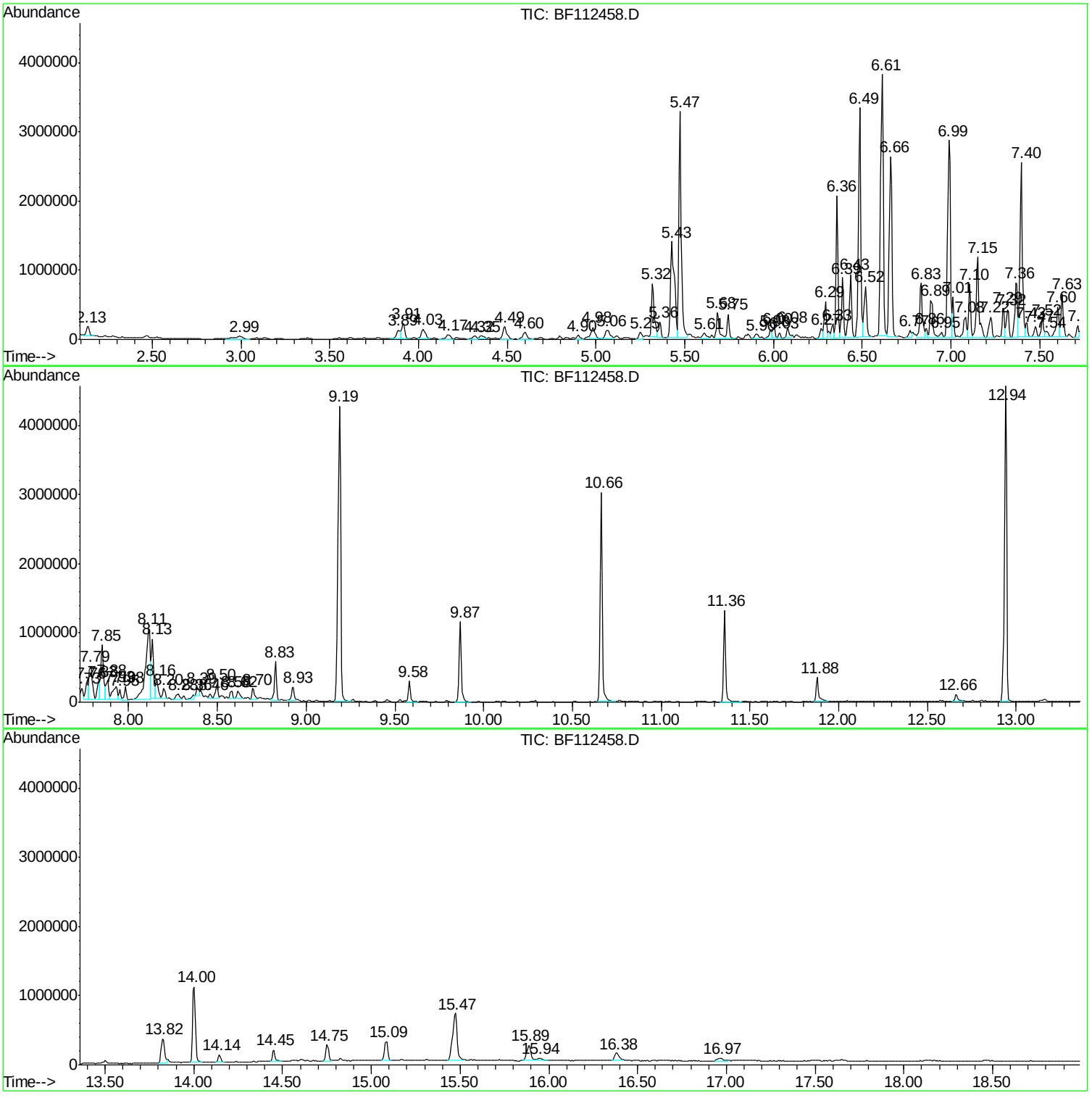
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

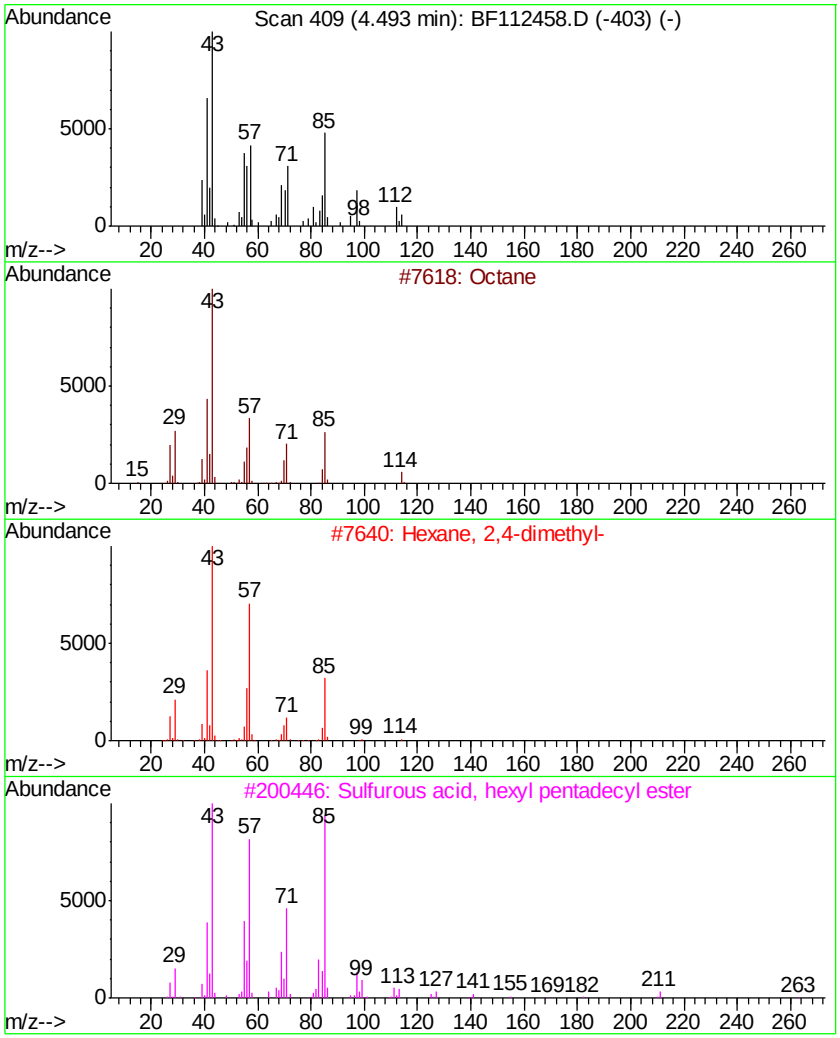
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

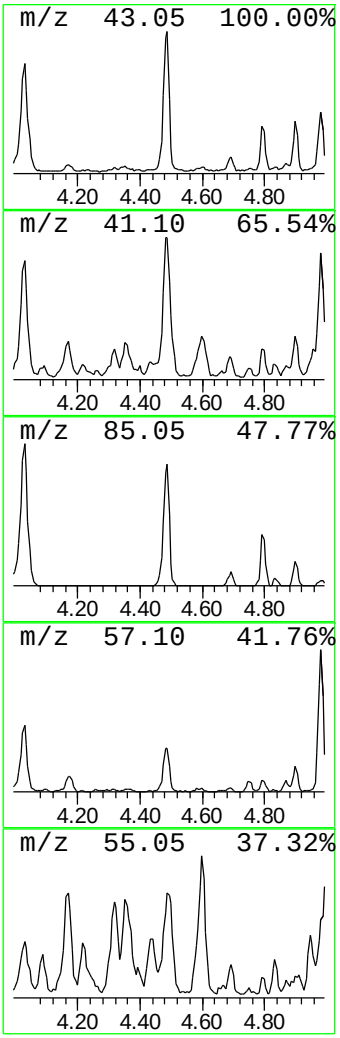
****

Peak Number 2 Octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	6.70 ng	276439	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

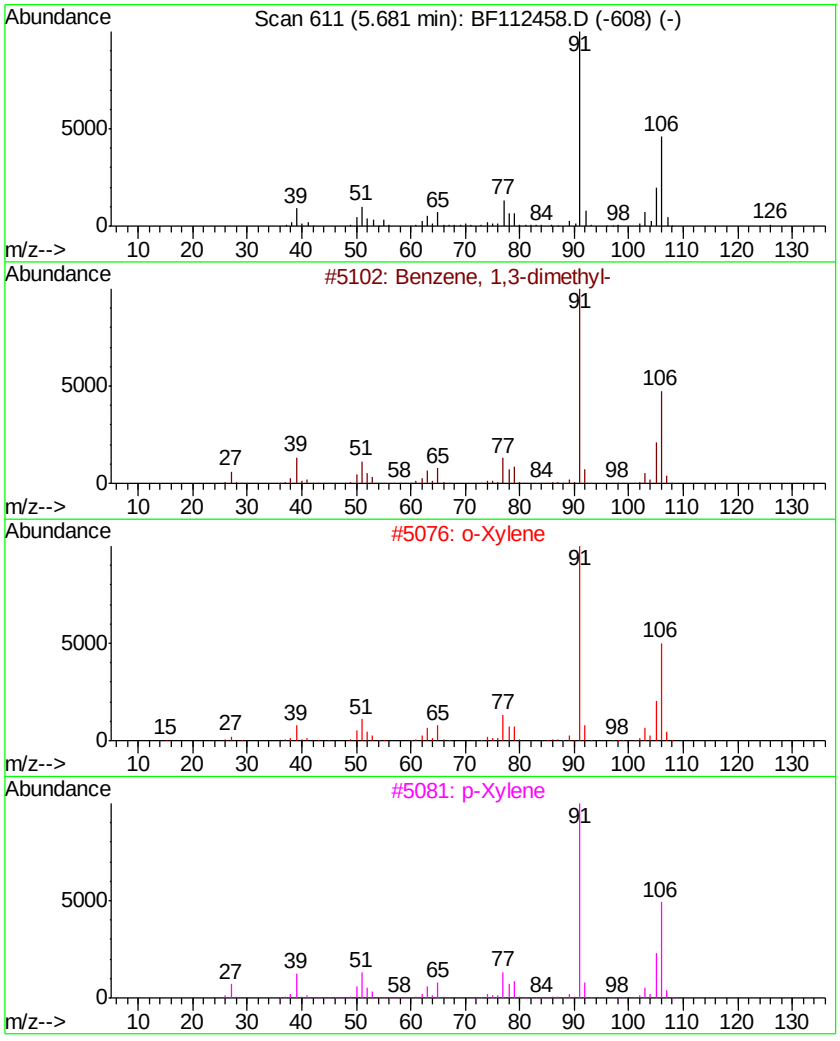
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

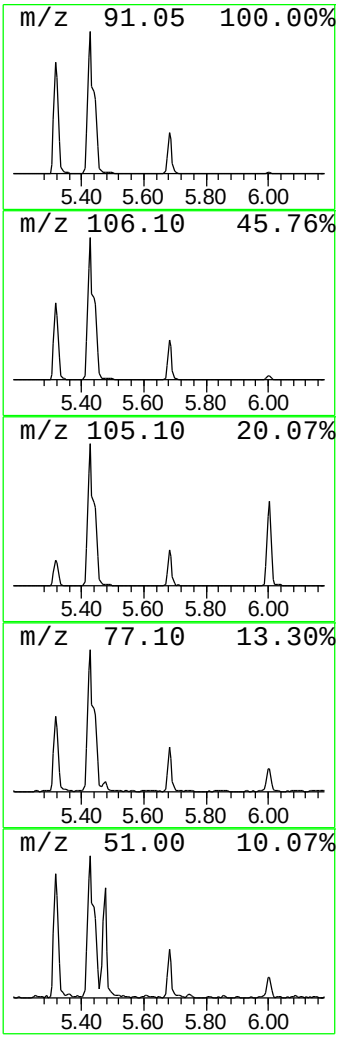
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	10.81 ng	446195	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

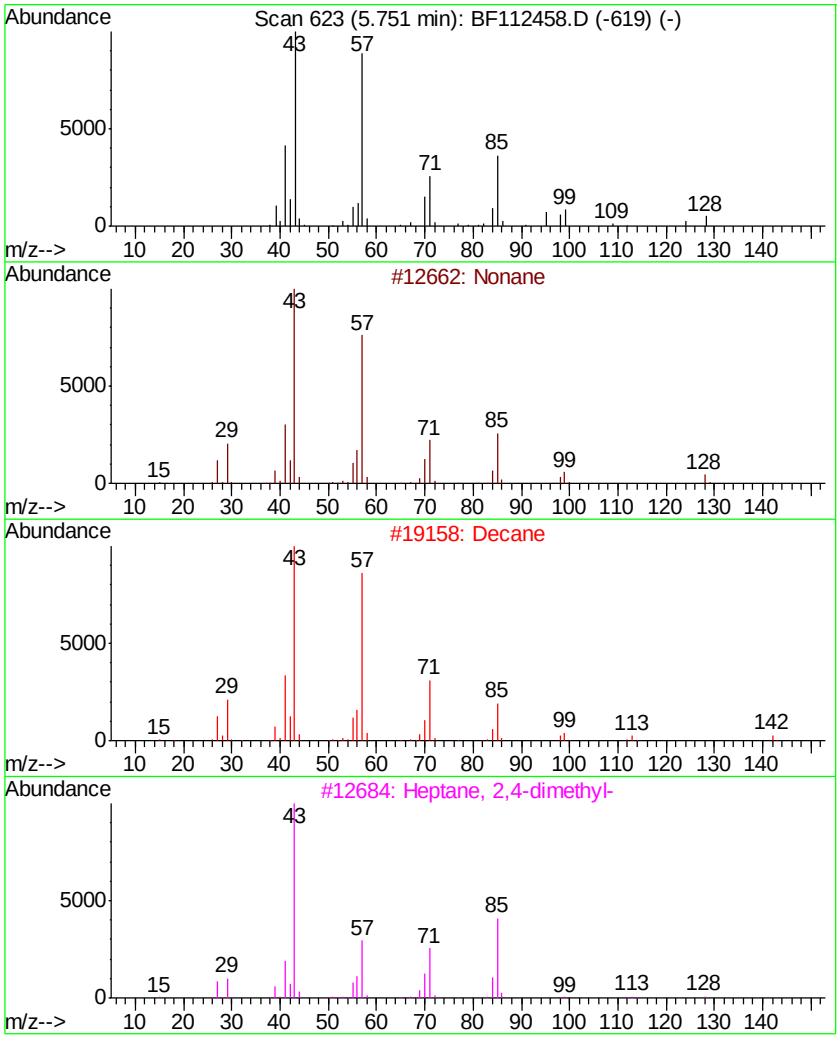
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

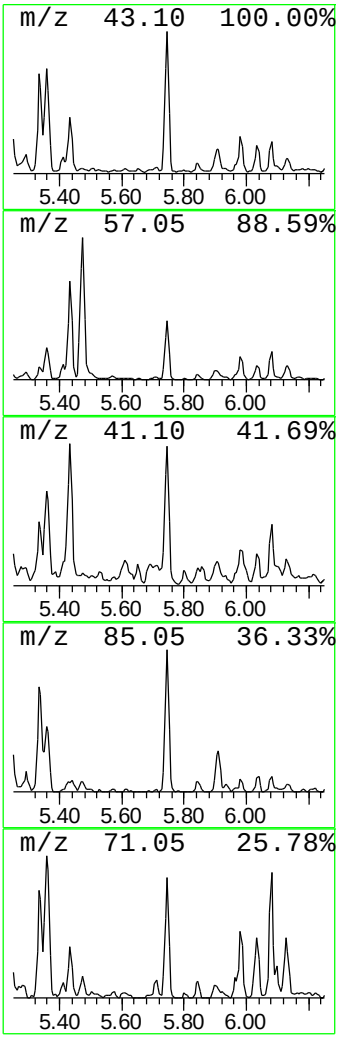
****

Peak Number 5 Nonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	7.93 ng	327154	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	97
2	Decane	142	C10H22	000124-18-5	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5	Octane	114	C8H18	000111-65-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

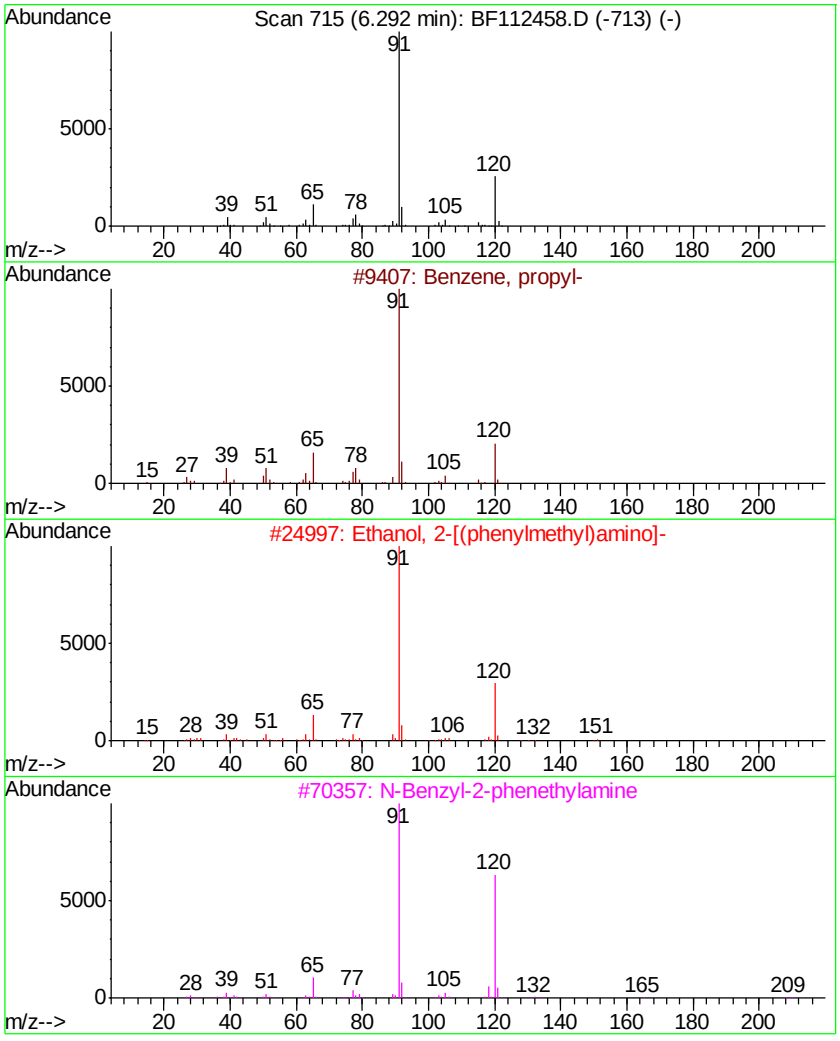
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

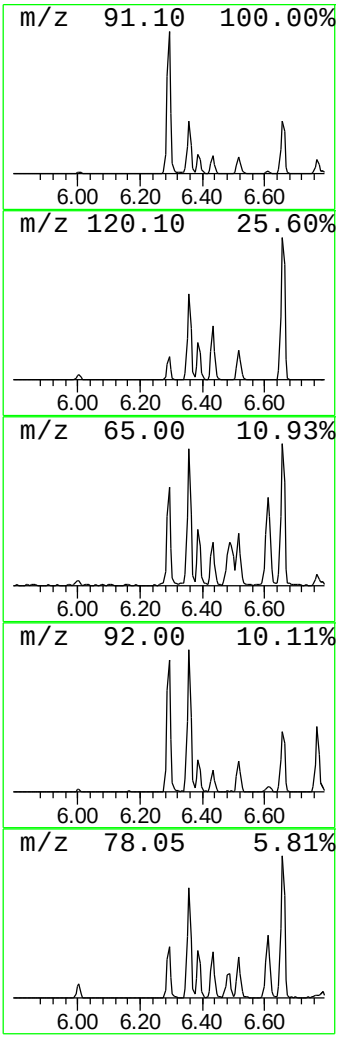
****

Peak Number 6 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	10.44 ng	430979	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	53
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

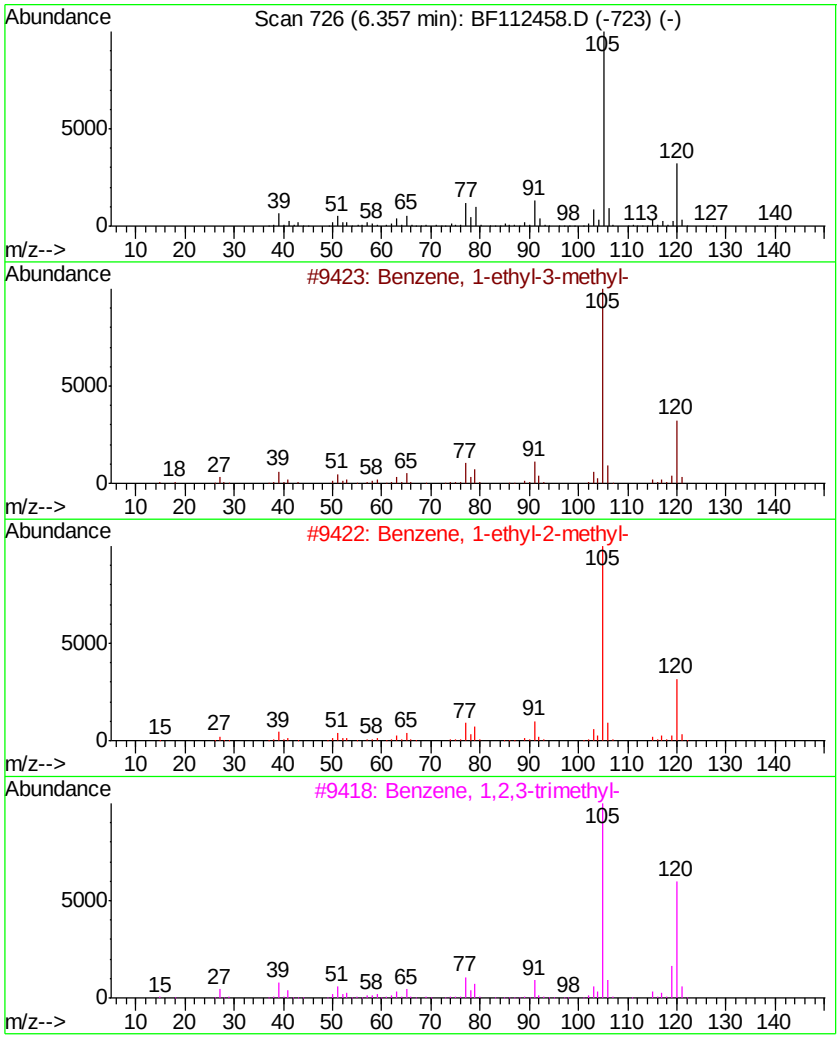
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

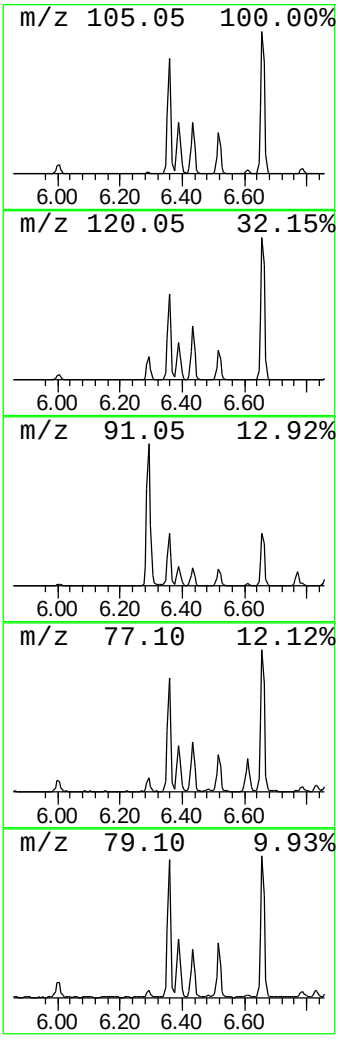
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	41.73 ng	1722080	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

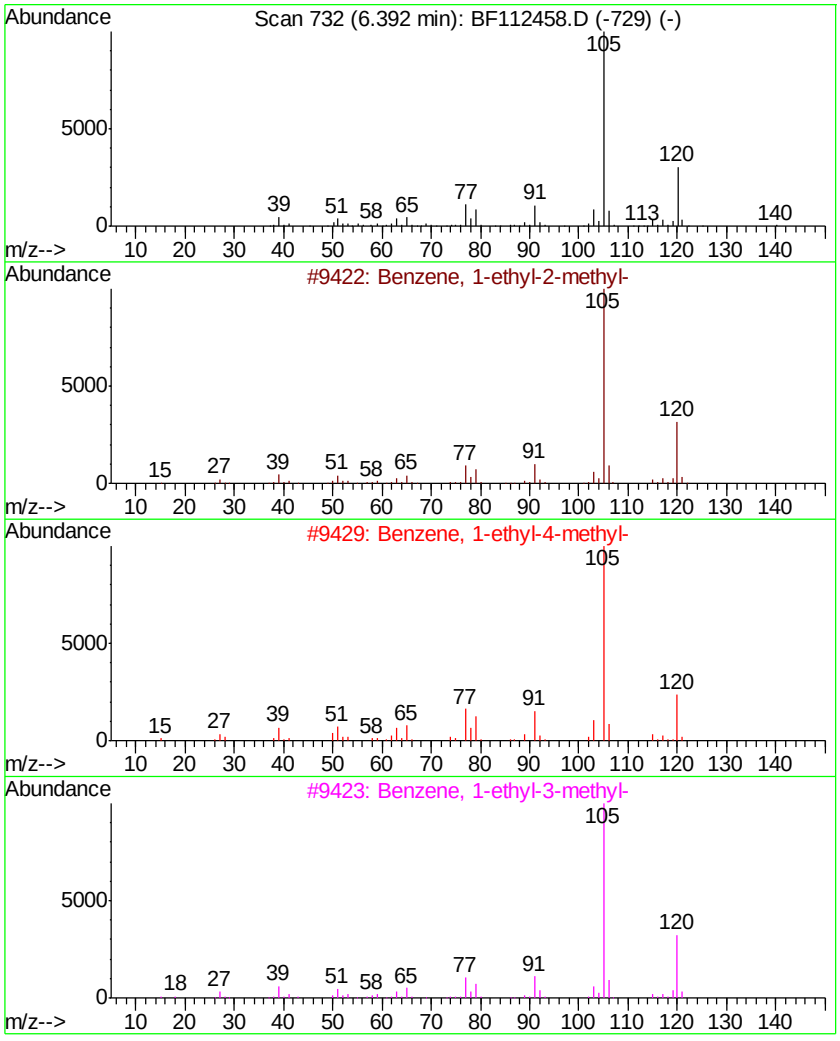
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

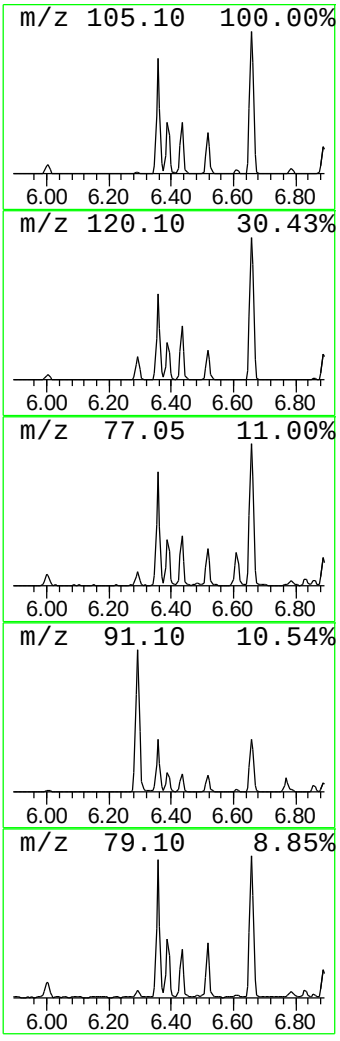
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	16.93 ng	698825	1,4-Dichlorobenzene-d4	6.83

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	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

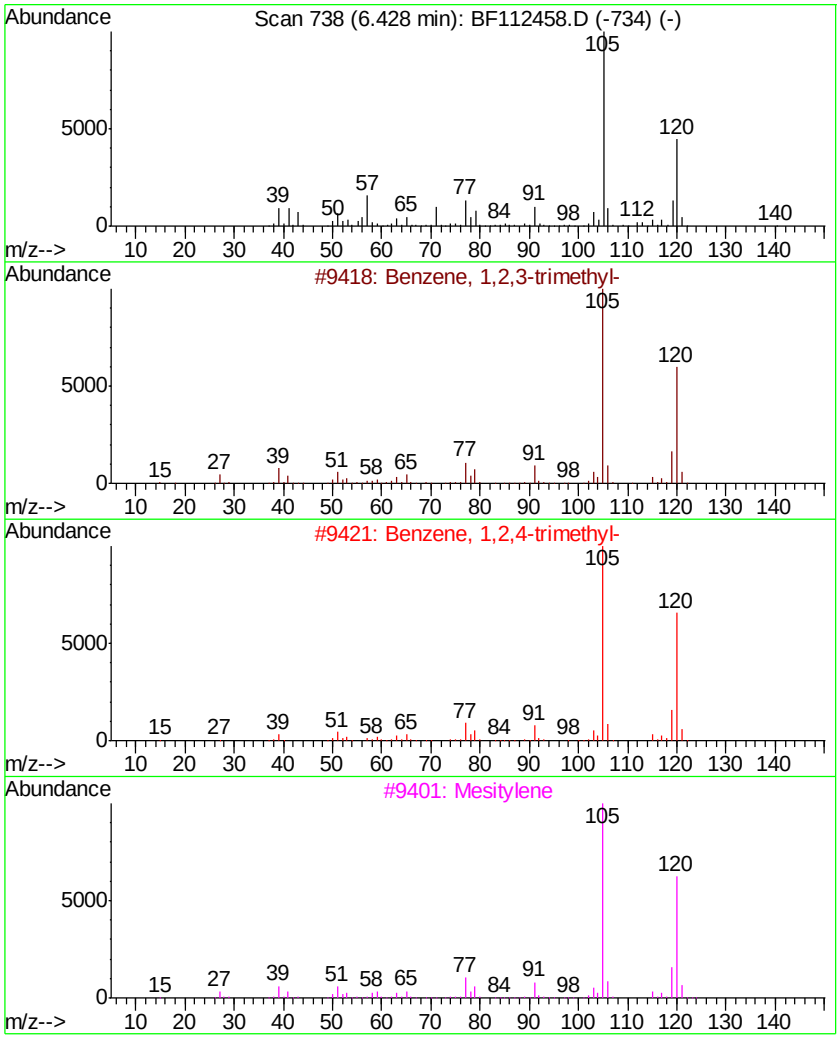
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

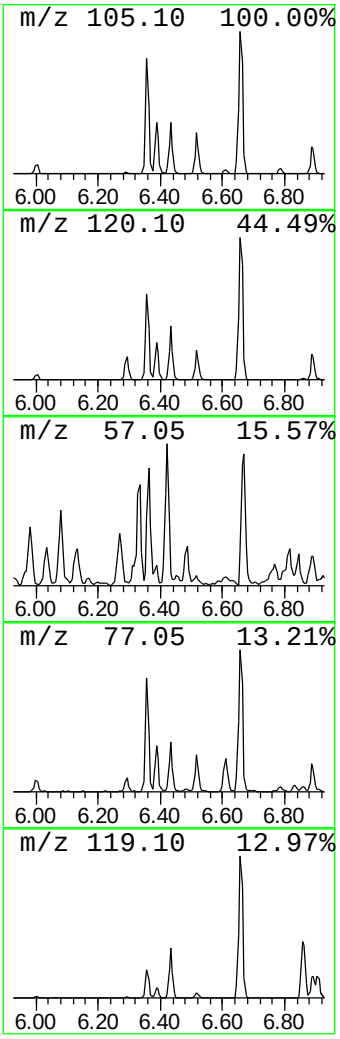
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	22.74 ng	938325	1,4-Dichlorobenzene-d4	6.83

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

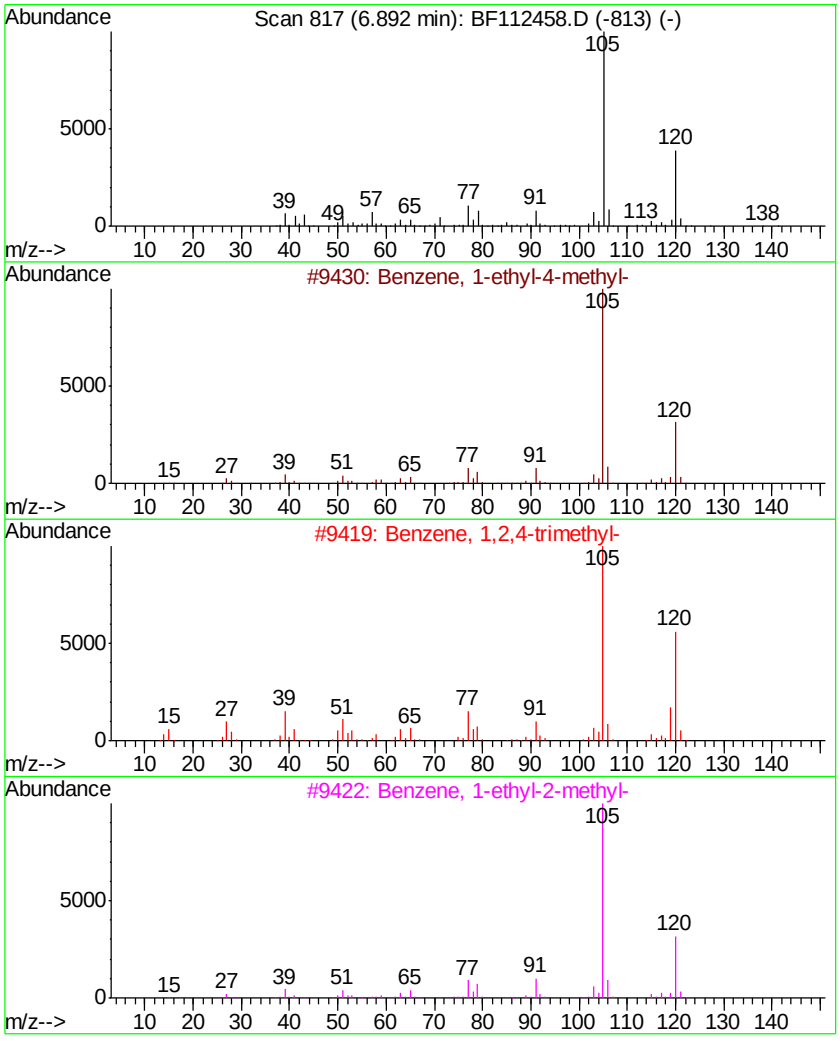
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

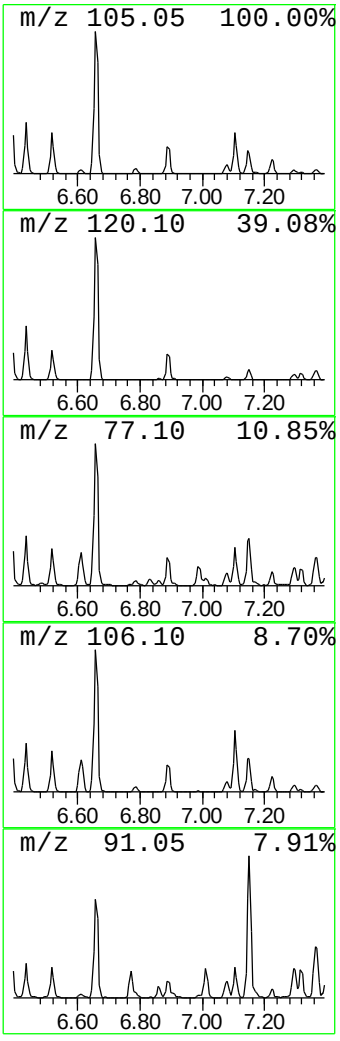
****

Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	13.03 ng	537758	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

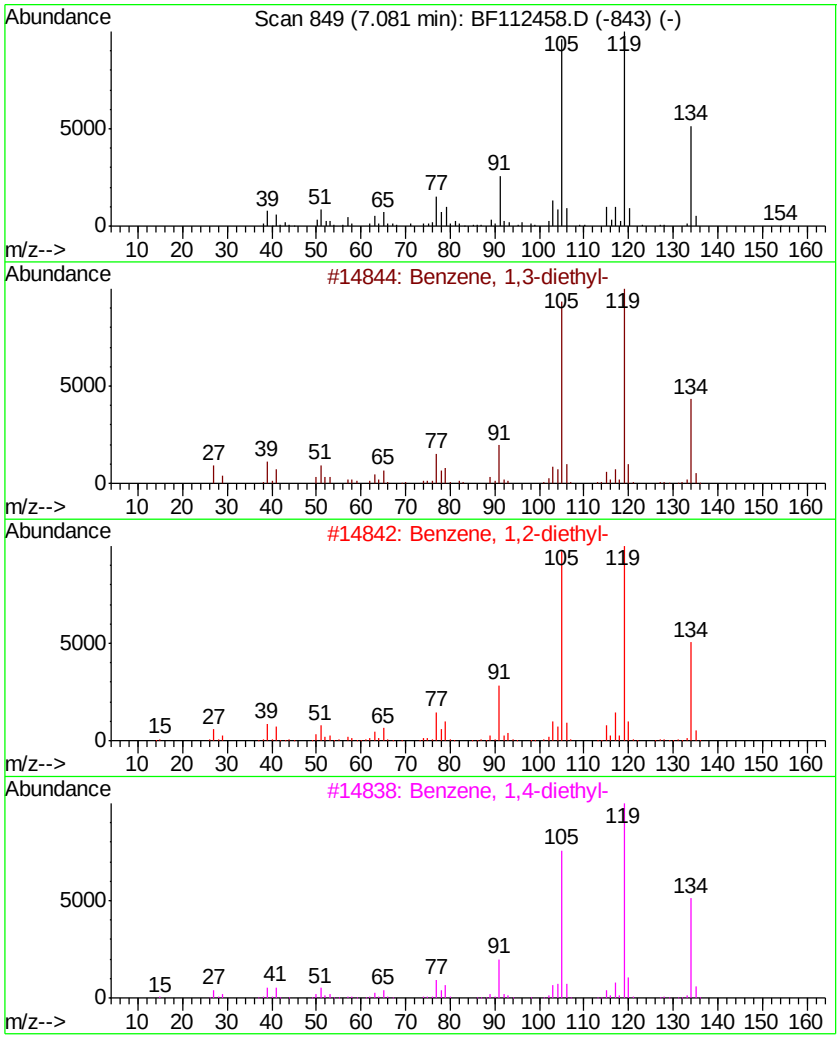
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

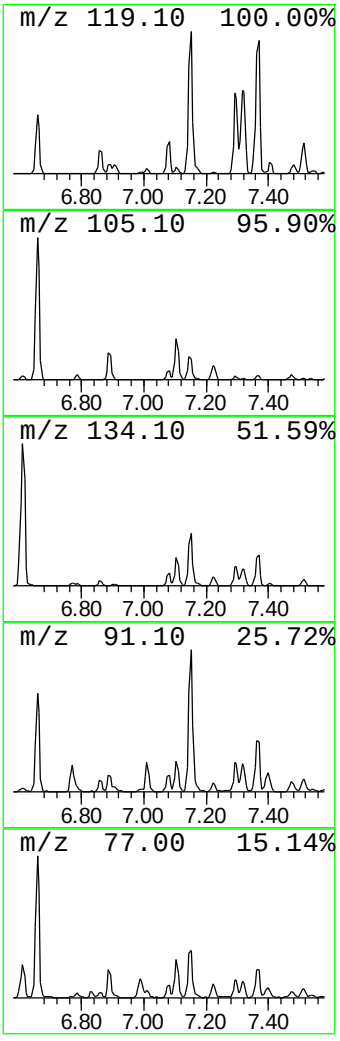
****

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	7.85 ng	323887	1,4-Dichlorobenzene-d4	6.83

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	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

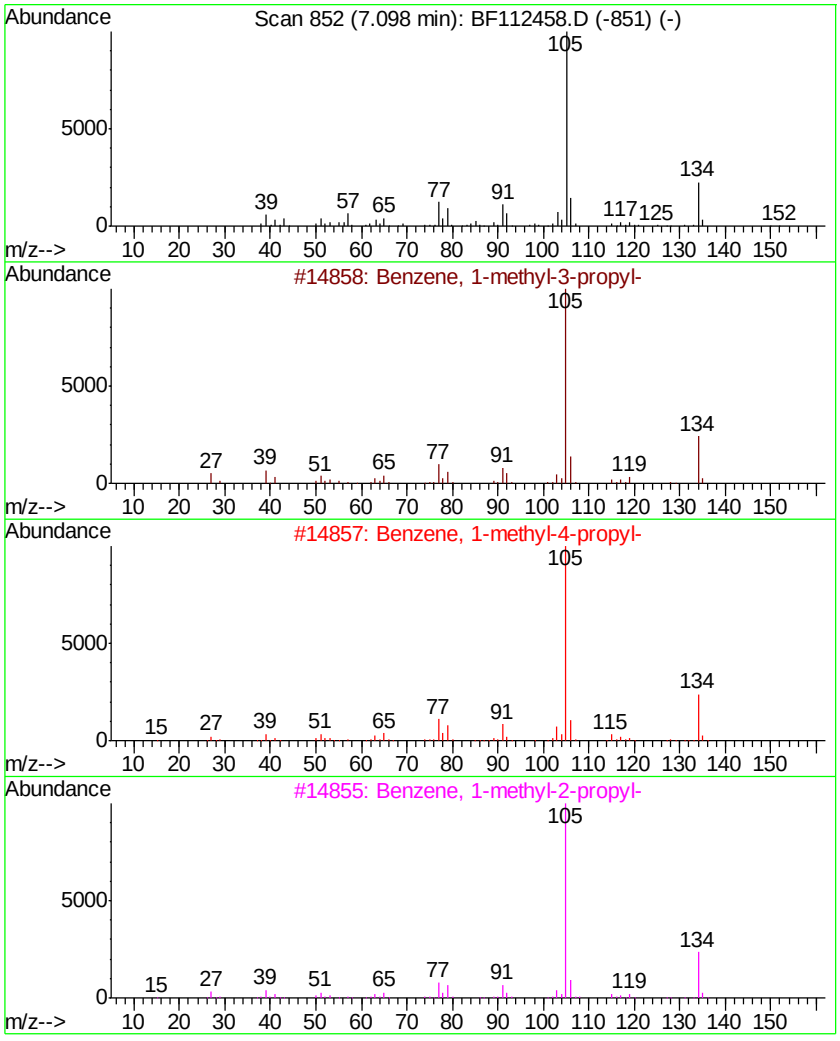
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

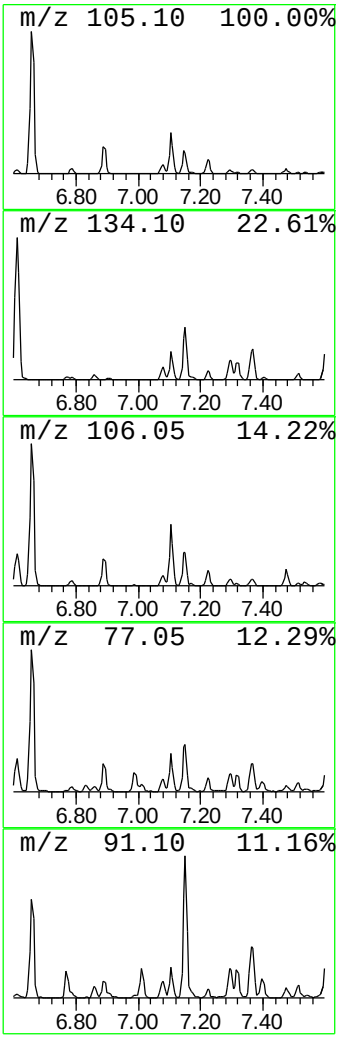
****

Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	15.63 ng	645253	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

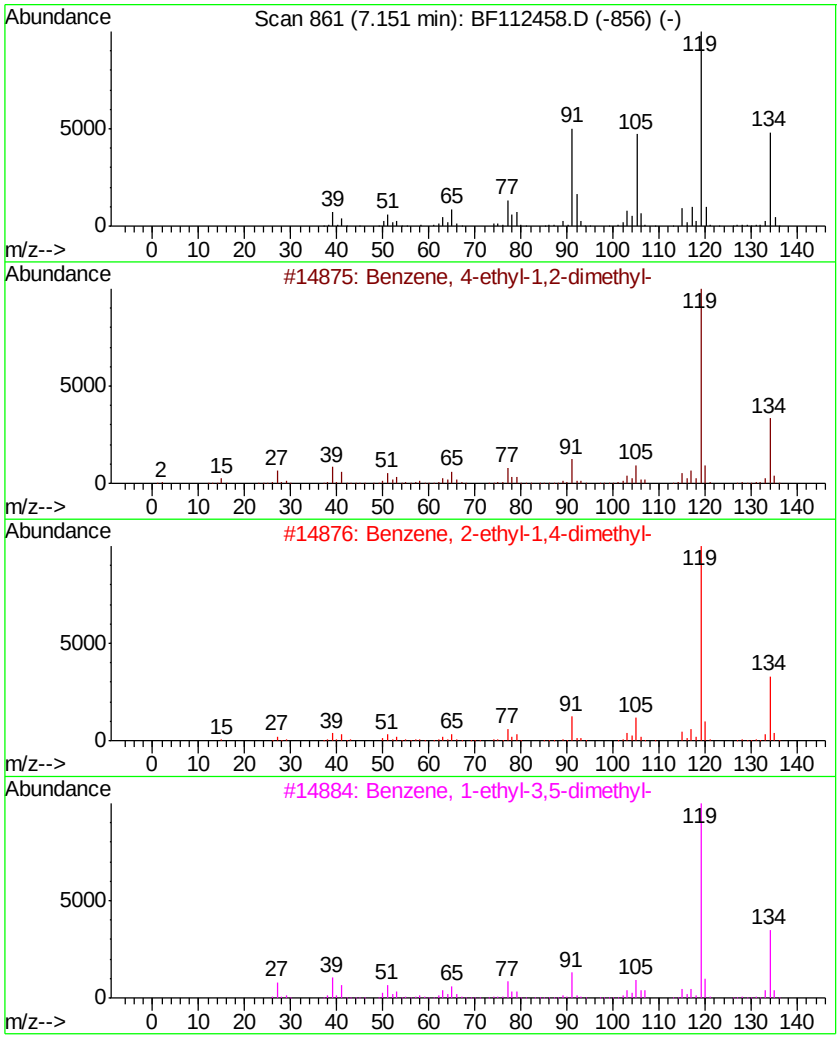
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

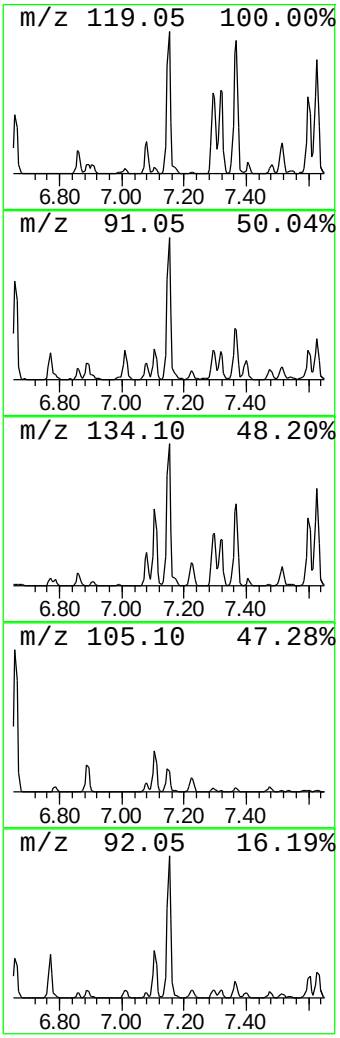
****

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	31.96 ng	1319170	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

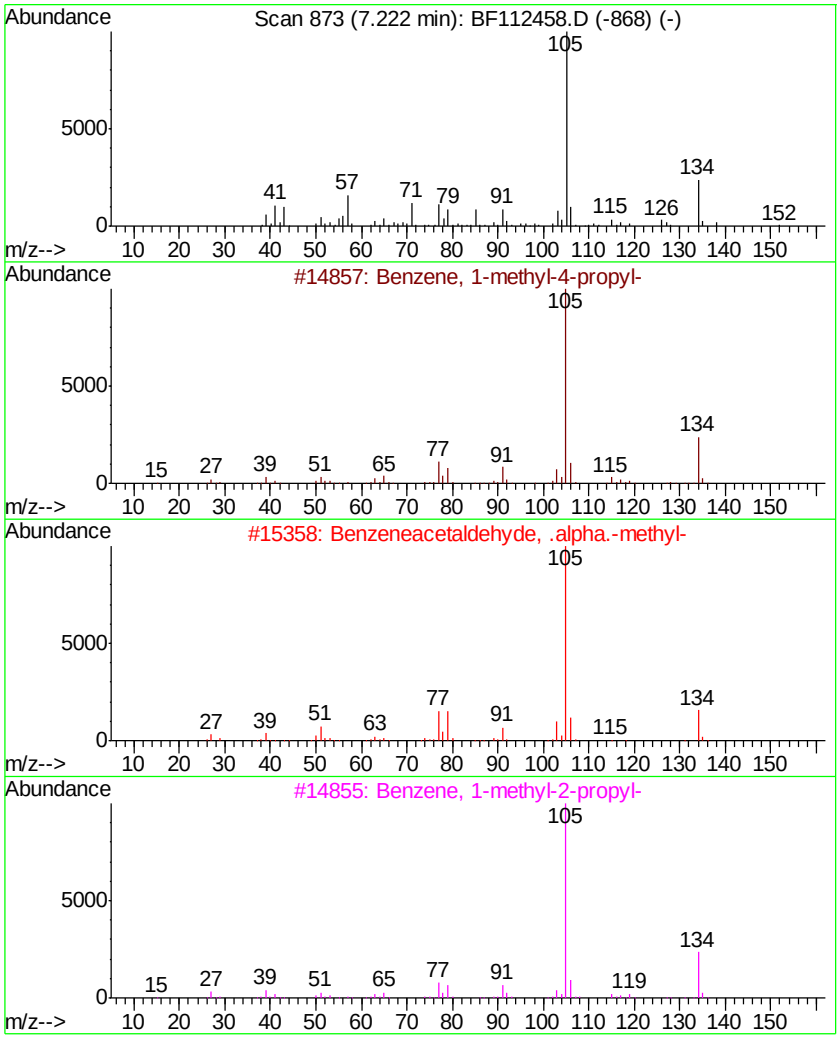
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

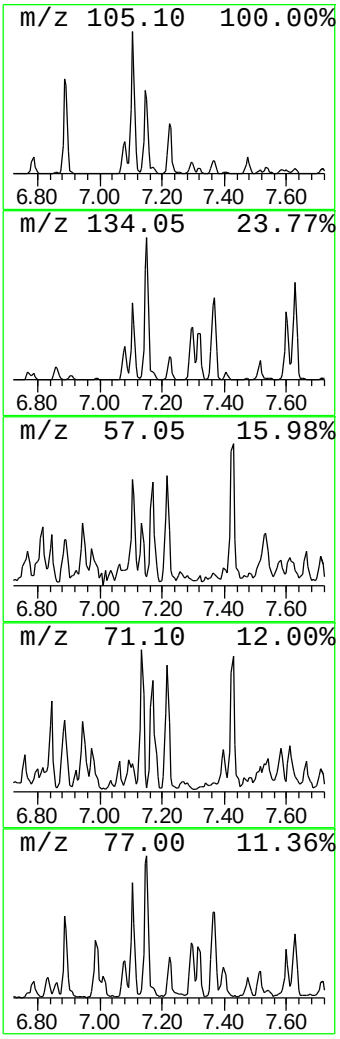
****

Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	8.18 ng	337401	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
5	2-Tolyloxirane	134	C9H10O	002783-26-8	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

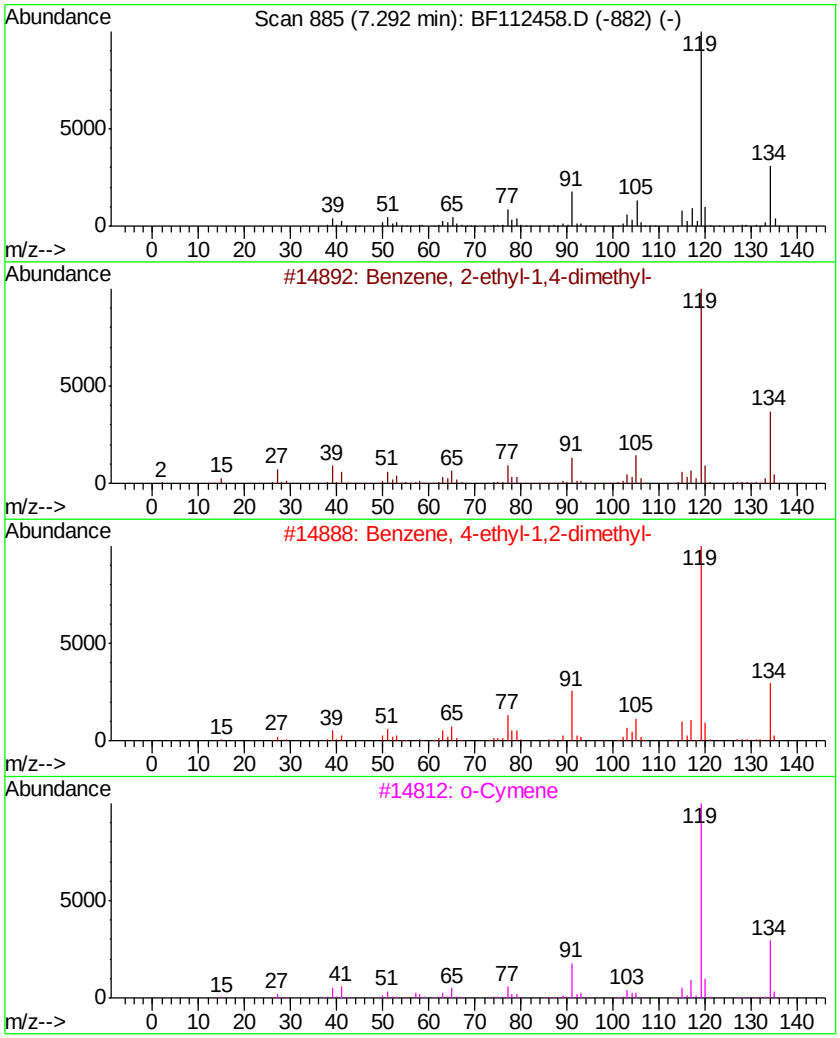
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

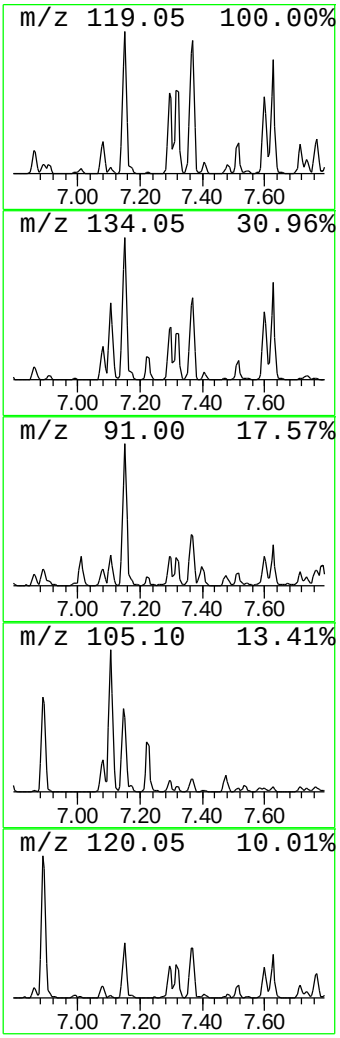
****

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	9.50 ng	392005	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

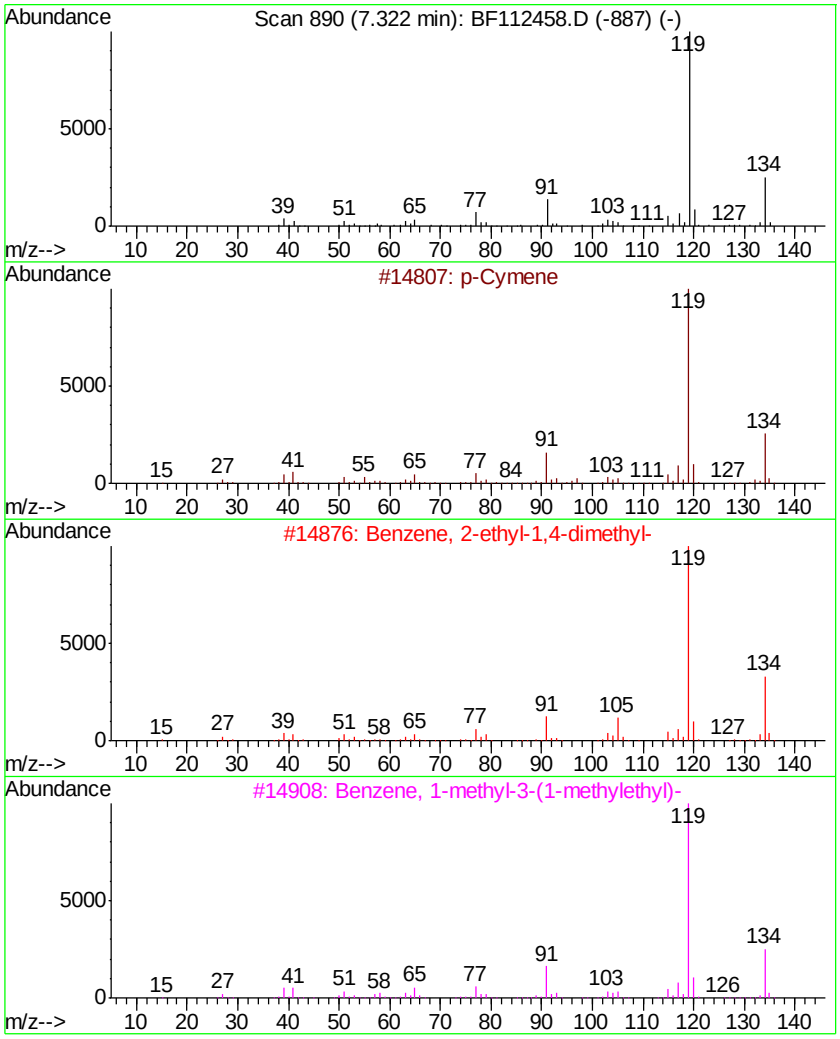
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

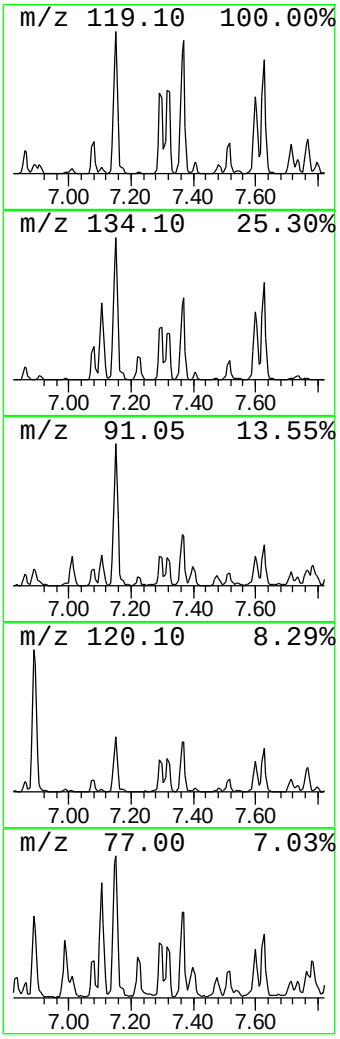
****

Peak Number 18 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	8.98 ng	370700	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

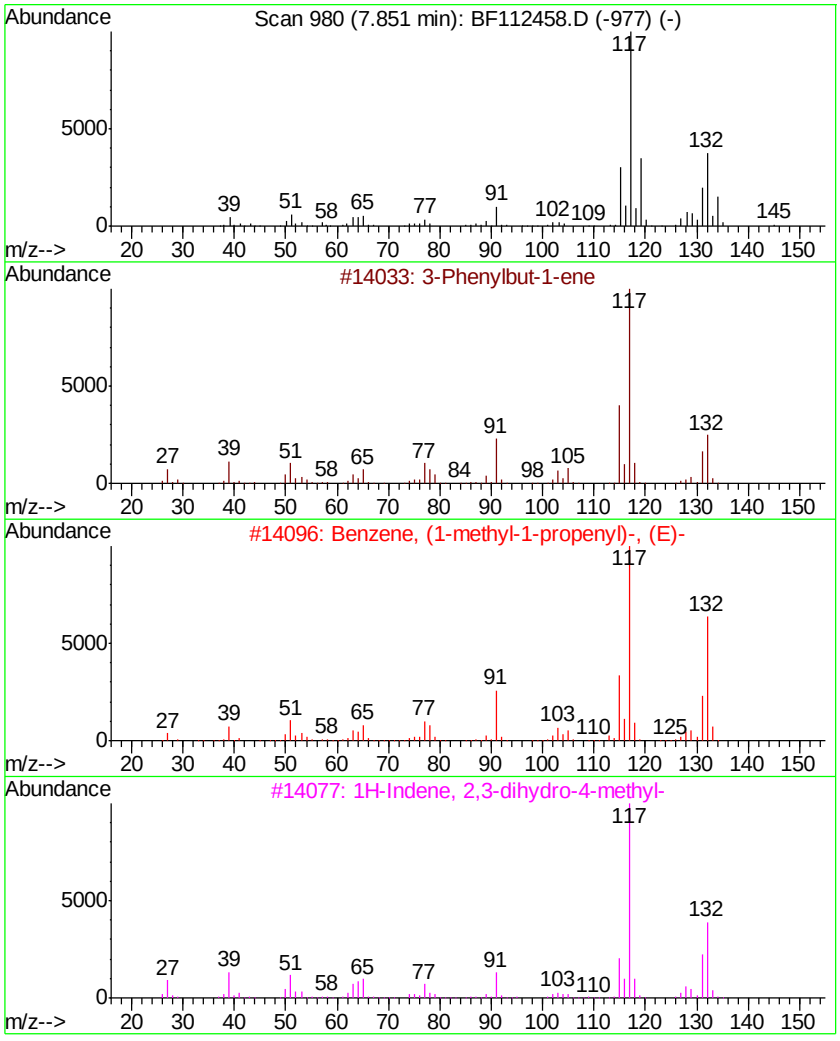
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

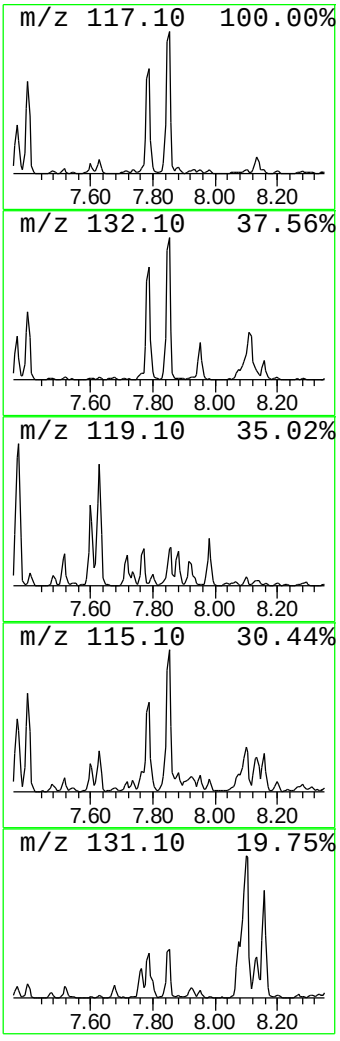
****

Peak Number 19 3-Phenylbut-1-ene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	10.05 ng	915766	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

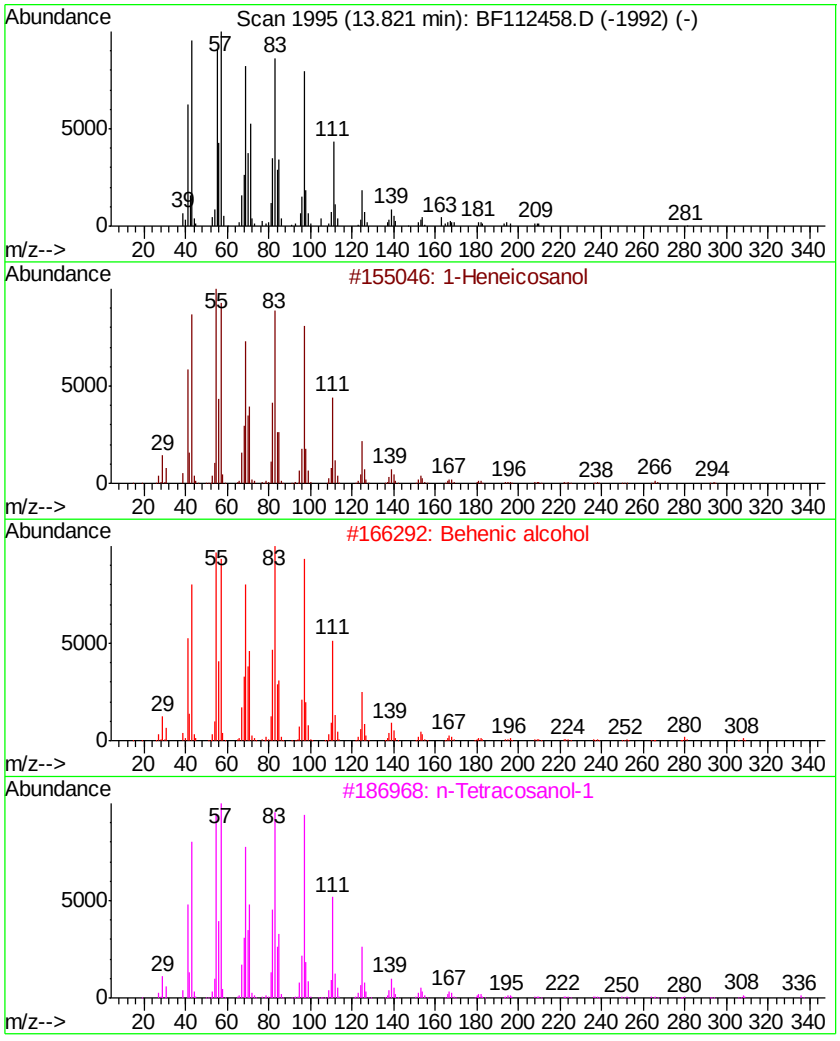
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

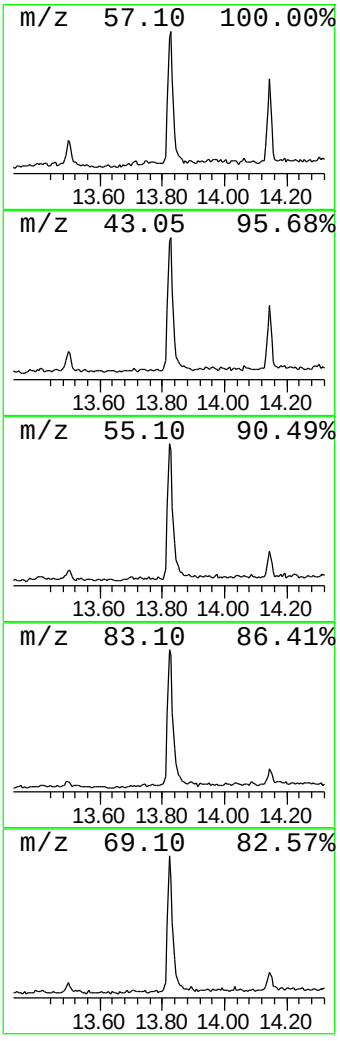
****

Peak Number 20 1-Heneicosanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.15 ng	448680	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020819\
Data File : BF112458.D
Acq On : 8 Feb 2019 14:37
Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(14-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
Octane	4.49	6.7	ng	276439	1	6.83	825429	20.0
Benzene, 1,3-dime...	5.68	10.8	ng	446195	1	6.83	825429	20.0
Nonane	5.75	7.9	ng	327154	1	6.83	825429	20.0
Benzene, propyl-	6.29	10.4	ng	430979	1	6.83	825429	20.0
Benzene, 1-ethyl-...	6.36	41.7	ng	1722080	1	6.83	825429	20.0
Benzene, 1-ethyl-...	6.39	16.9	ng	698825	1	6.83	825429	20.0
Benzene, 1,2,3-tr...	6.43	22.7	ng	938325	1	6.83	825429	20.0
Benzene, 1-ethyl-...	6.89	13.0	ng	537758	1	6.83	825429	20.0
Benzene, 1,3-diet...	7.08	7.8	ng	323887	1	6.83	825429	20.0
Benzene, 1-methyl...	7.10	15.6	ng	645253	1	6.83	825429	20.0
Benzene, 4-ethyl-...	7.15	32.0	ng	1319170	1	6.83	825429	20.0
Benzene, 1-methyl...	7.22	8.2	ng	337401	1	6.83	825429	20.0
Benzene, 2-ethyl-...	7.29	9.5	ng	392005	1	6.83	825429	20.0
p-Cymene	7.32	9.0	ng	370700	1	6.83	825429	20.0
3-Phenylbut-1-ene	7.85	10.1	ng	915766	2	8.12	1822820	20.0
1-Heneicosanol	13.82	8.2	ng	448680	5	14.00	1101270	20.0