LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.102	41	45	58	rVB2	44016	79661	19.63%	3.898%
2	4.236	235	238	242	rVB4	2083	2466	0.61%	0.121%
3	5.058	376	378	380	rBV3	769	748	0.18%	0.037%
4	5.581	462	467	474	rBV	17837	26678	6.57%	1.305%
5	5.710	485	489	498	rVB4	4861	11308	2.79%	0.553%
6	6.086	549	553	558	rVB	7018	10607	2.61%	0.519%
7	6.357	595	599	602	rBV2	458	785	0.19%	0.038%
8	6.821	676	678	682	rBV2	634	715	0.18%	0.035%
9	7.009	708	710	712	rVB	906	631	0.16%	0.031%
10	7.044	712	716	717	rBV3	607	776	0.19%	0.038%
11	7.068	717	720	726	rVB2	981	1929	0.48%	0.094%
12	7.173	734	738	742	rBV2	2354	3008	0.74%	0.147%
13	7.232	745	748	755	rVB3	1008	1998	0.49%	0.098%
14	7.479	788	790	793	rBV3	682	747	0.18%	0.037%
15	7.737	831	834	841	rVB3	2221	3760	0.93%	0.184%
16	8.096	889	895	903	rVB	55106	89081	21.95%	4.359%
17	8.202	910	913	916	rBV3	1081	1548	0.38%	0.076%
18	8.243	919	920	923	rVB3	669	637	0.16%	0.031%
19	8.278	925	926	930	rVB	1250	684	0.17%	0.033%
20	8.472	952	959	965	rVB	10047	16633	4.10%	0.814%
21	8.636	981	987	992	rVB	10895	17530	4.32%	0.858%
22	8.730	999	1003	1005	rBV2	705	836	0.21%	0.041%
23	8.930	1034	1037	1039	rBV2	776	977	0.24%	0.048%
24	9.206	1081	1084	1087	rBV3	826	762	0.19%	0.037%
25	9.300	1098	1100	1103	rVB2	762	782	0.19%	0.038%
26	9.330	1103	1105	1107	rBV	720	703	0.17%	0.034%
27	9.735	1169	1174	1177	rBV3	854	1561	0.38%	0.076%
28	9.847	1191	1193	1198	rVB2	392	645	0.16%	0.032%
29	10.070	1228	1231	1232	rBV	651	675	0.17%	0.033%
30	10.123	1237	1240	1243	rBV3	571	928	0.23%	0.045%
31	10.152	1243	1245	1248	rVB3	891	855	0.21%	0.042%
32	10.287	1264	1268	1270	rBV	576	927	0.23%	0.045%
33	10.323	1270	1274	1284	rVB5	1631	3851	0.95%	0.188%
34	10.411	1284	1289	1293	rBV2	2771	5364	1.32%	0.262%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

35	10.910	1367	1374	1379	rBV	78279	141777	34.94%	6.937%
36	10.963	1379	1383	1390	rVB2	31632	54128	13.34%	2.649%
37	11.345	1446	1448	1453	rVB	703	704	0.17%	0.034%
38	11.545	1478	1482	1486	rVV4	763	1102	0.27%	0.054%
39	11.791	1521	1524	1526	rBV3	654	727	0.18%	0.036%
40	11.850	1532	1534	1536	rBV	777	747	0.18%	0.037%
41	12.044	1562	1567	1568	rBV	735	916	0.23%	0.045%
42	12.062	1568	1570	1572	rVV2	853	727	0.18%	0.036%
43	12.097	1575	1576	1579	rVV	700	760	0.19%	0.037%
44	12.309	1610	1612	1617	rBV2	577	863	0.21%	0.042%
45	12.561	1650	1655	1660	rVB	5639	9543	2.35%	0.467%
46	12.779	1687	1692	1696	rVB2	4864	7757	1.91%	0.380%
47	12.878	1706	1709	1714	rBV2	463	893	0.22%	0.044%
48	13.401	1795	1798	1801	rBV2	596	881	0.22%	0.043%
49	13.707	1848	1850	1854	rBV2	727	1097	0.27%	0.054%
50	13.754	1856	1858	1862	rVB	675	830	0.20%	0.041%
51	13.836	1871	1872	1874	rBV	803	669	0.16%	0.033%
52	14.042	1904	1907	1910	rBV3	1248	1760	0.43%	0.086%
53	14.095	1913	1916	1919	rBV	597	998	0.25%	0.049%
54	14.124	1919	1921	1924	rVB	949	923	0.23%	0.045%
55	14.283	1945	1948	1951	rVB2	840	943	0.23%	0.046%
56	14.424	1969	1972	1973	rVB2	1063	808	0.20%	0.040%
57	14.594	1999	2001	2004	rVB3	657	785	0.19%	0.038%
58	14.723	2016	2023	2031	rVV3	153914	254597	62.75%	12.458%
59	14.788	2031	2034	2037	rVB	1437	2122	0.52%	0.104%
60	14.847	2042	2044	2048	rBV2	609	725	0.18%	0.035%
61	14.970	2062	2065	2067	rVB2	954	901	0.22%	0.044%
62	15.052	2077	2079	2081	rVB	907	639	0.16%	0.031%
63	15.311	2118	2123	2125	rBV	613	1097	0.27%	0.054%
64	15.370	2131	2133	2138	rVB3	700	875	0.22%	0.043%
65	15.710	2187	2191	2192	rBV2	1678	1458	0.36%	0.071%
66	15.869	2215	2218	2220	rBV	569	834	0.21%	0.041%
67	16.045	2246	2248	2252	rVB2	643	871	0.21%	0.043%
68	16.175	2267	2270	2273	rVB	681	844	0.21%	0.041%
69	16.380	2302	2305	2307	rBV3	629	813	0.20%	0.040%
70	16.533	2329	2331	2334	rBV2	692	712	0.18%	0.035%
71	16.674	2351	2355	2358	rVB3	567	800	0.20%	0.039%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

72	16.709	2358	2361	2365	rVB	592	709	0.17%	0.035%
73	17.238	2447	2451	2452	rVV	577	701	0.17%	0.034%
74	17.256	2452	2454	2459	rVB3	1048	1178	0.29%	0.058%
75	17.309	2459	2463	2466	rVB	703	983	0.24%	0.048%
76	17.467	2483	2490	2501	rBV	226970	339720	83.72%	16.623%
77	17.567	2503	2507	2511	rVB2	1438	1827	0.45%	0.089%
78	18.108	2596	2599	2601	rBV2	585	630	0.16%	0.031%
79	18.143	2601	2605	2607	rVB3	786	697	0.17%	0.034%
80	18.161	2607	2608	2613	rBV2	796	897	0.22%	0.044%
81	18.219	2616	2618	2621	rBV	618	645	0.16%	0.032%
82	18.278	2625	2628	2630	rBV2	607	702	0.17%	0.034%
83	18.995	2749	2750	2753	rBV2	1033	655	0.16%	0.032%
84	19.083	2762	2765	2768	rBV2	494	740	0.18%	0.036%
85	19.435	2824	2825	2830	rVB2	944	913	0.23%	0.045%
86	19.553	2842	2845	2850	rBV2	739	948	0.23%	0.046%
87	19.624	2855	2857	2861	rBV2	771	1095	0.27%	0.054%
88	19.659	2861	2863	2867	rVB2	603	792	0.20%	0.039%
89	19.753	2876	2879	2883	rBV3	4013	4752	1.17%	0.233%
90	19.841	2892	2894	2897	rBV2	991	1176	0.29%	0.058%
91	20.047	2927	2929	2934	rBV2	1198	1189	0.29%	0.058%
92	20.152	2945	2947	2950	rBV3	1028	1070	0.26%	0.052%
93	20.499	3004	3006	3008	rBV2	1191	1025	0.25%	0.050%
94	20.787	3053	3055	3061	rVB5	3628	4005	0.99%	0.196%
95	20.846	3063	3065	3067	rBV3	1467	1019	0.25%	0.050%
96	21.739	3210	3217	3226	rVB	242195	405763	100.00%	19.855%
97	23.231	3468	3471	3476	rVB5	8199	12835	3.16%	0.628%
98	24.048	3606	3610	3616	rVB4	10715	21391	5.27%	1.047%
99	25.000	3763	3772	3788	rVB2	143650	403148	99.36%	19.727%
100	27.532	4197	4203	4214	rVB6	12995	44017	10.85%	2.154%

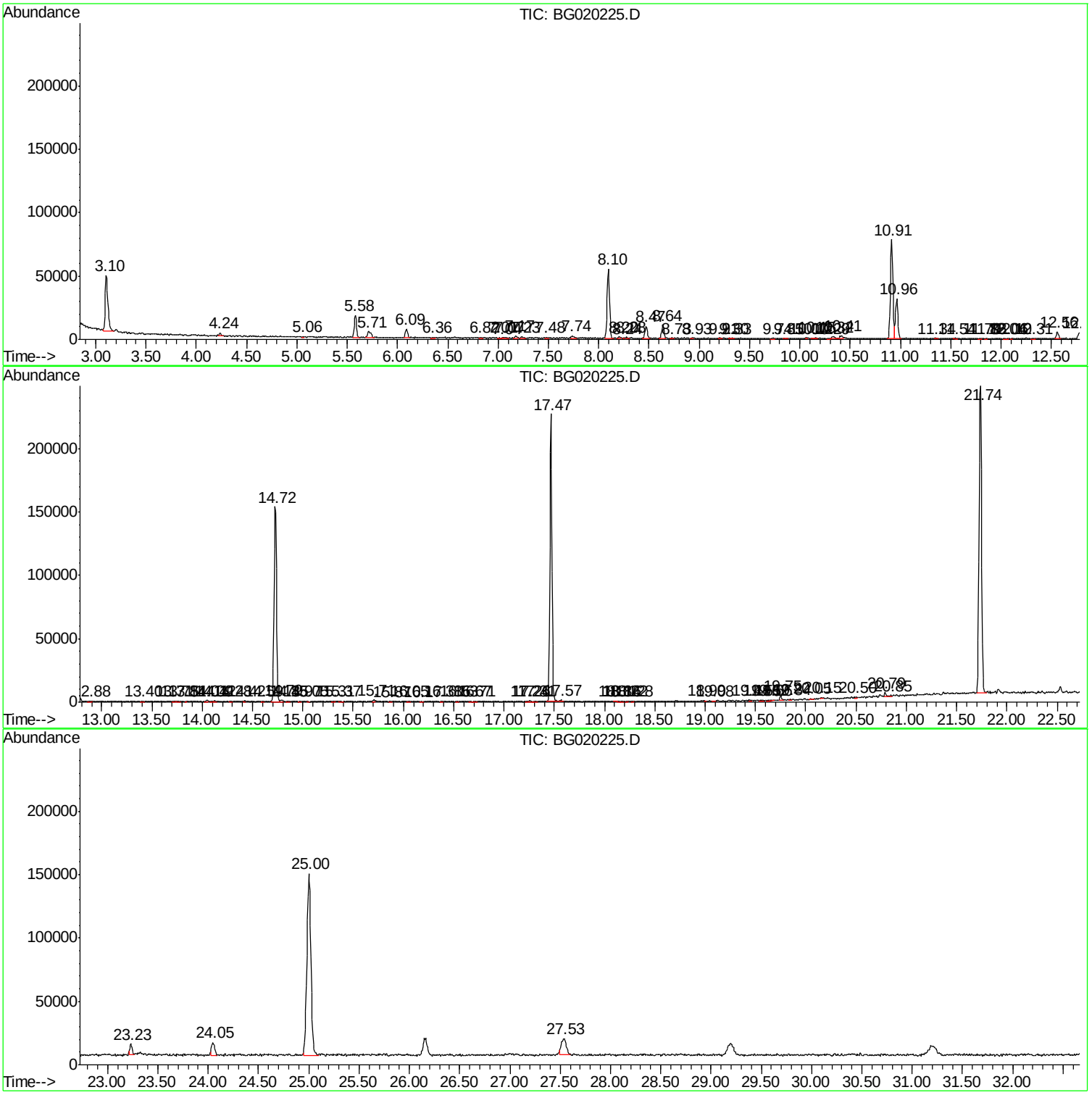
Sum of corrected areas: 2043644

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C88DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

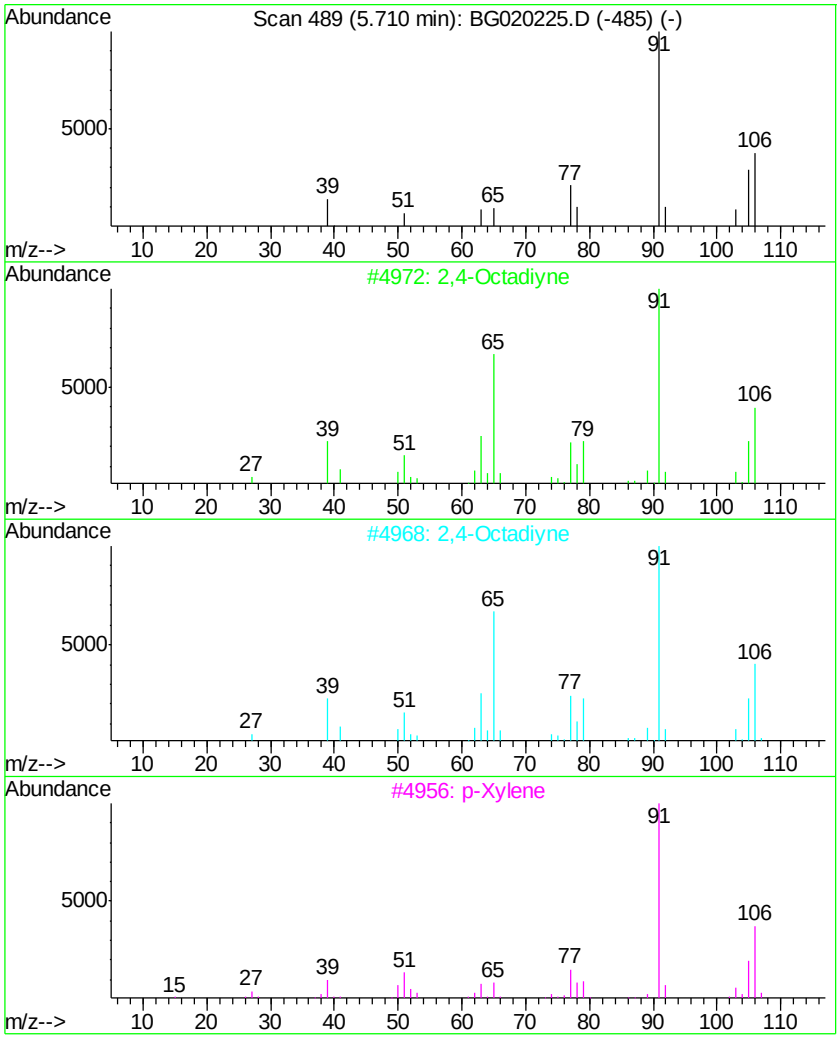
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

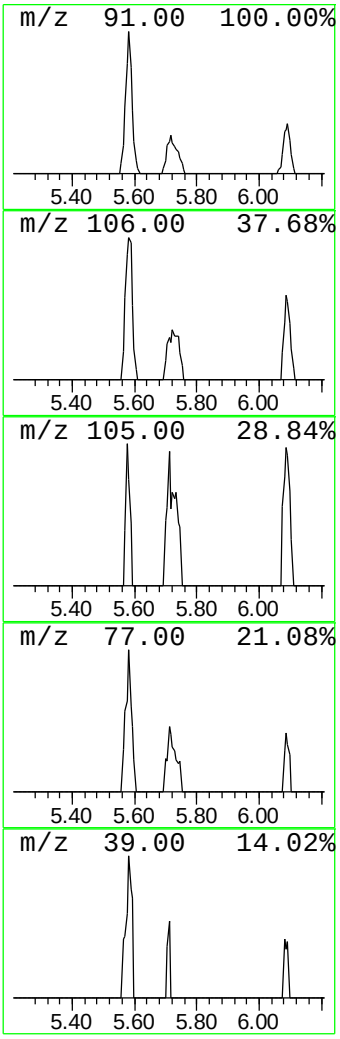
****

Peak Number 3 2,4-Octadiyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	2.54 ng/ul	11308	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Octadiyne	106	C8H10	002809-71-4	72
2	2,4-Octadiyne	106	C8H10	002809-71-4	72
3	p-Xylene	106	C8H10	000106-42-3	64
4	Ethylbenzene	106	C8H10	000100-41-4	53
5	Ethylbenzene	106	C8H10	000100-41-4	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

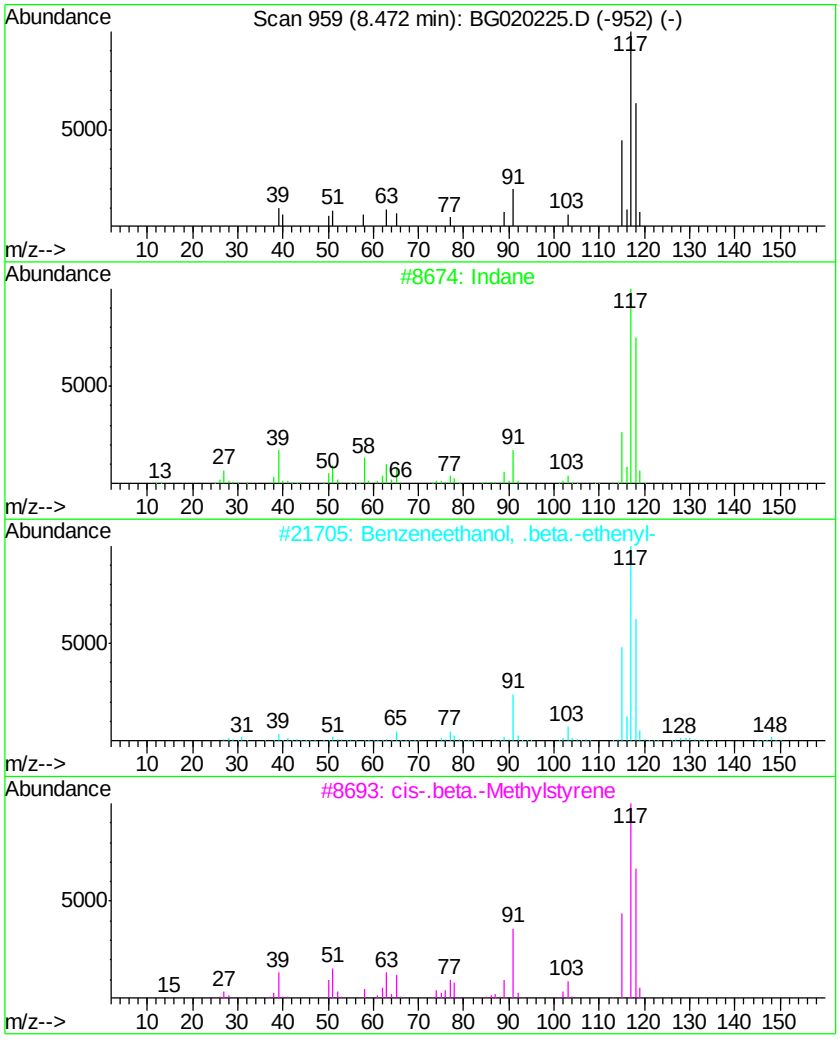
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

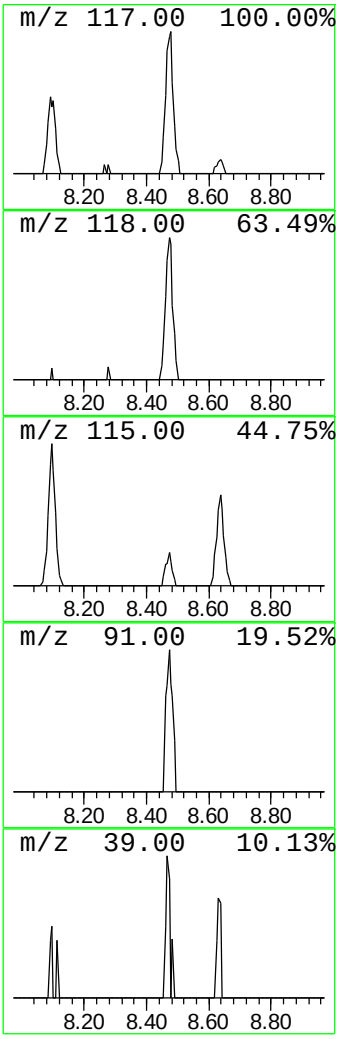
****

Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	3.73 ng/ul	16633	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5	Indane	118	C9H10	000496-11-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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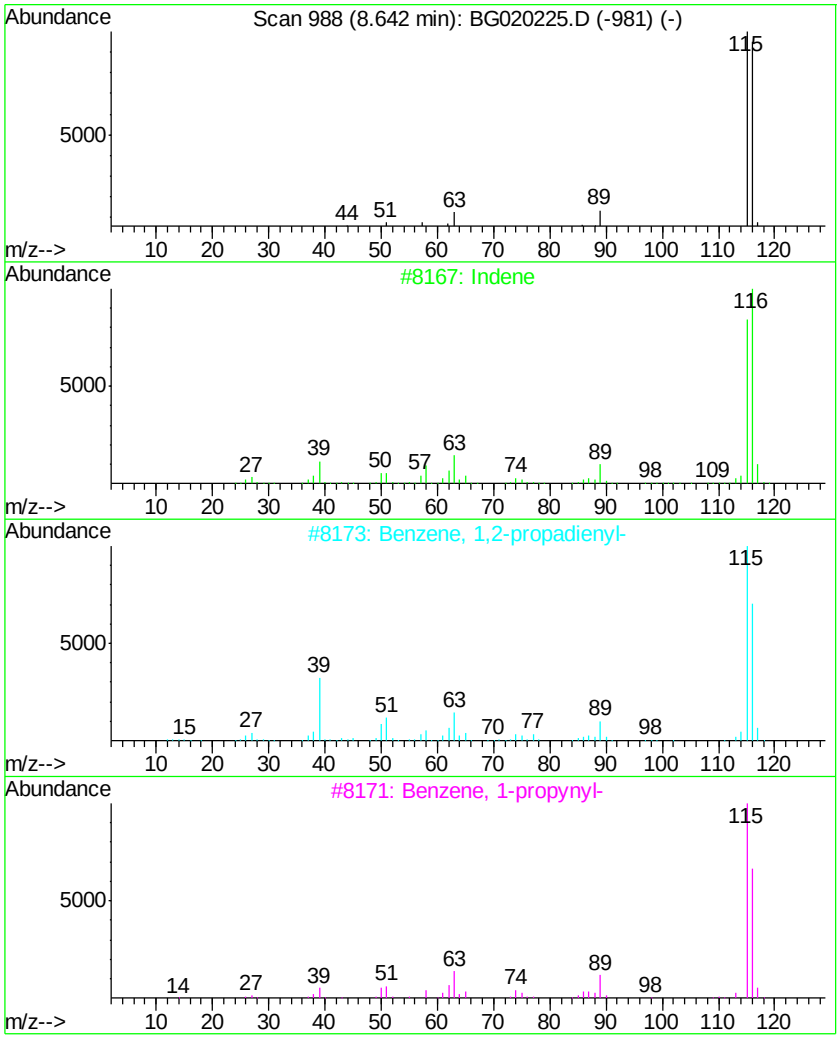
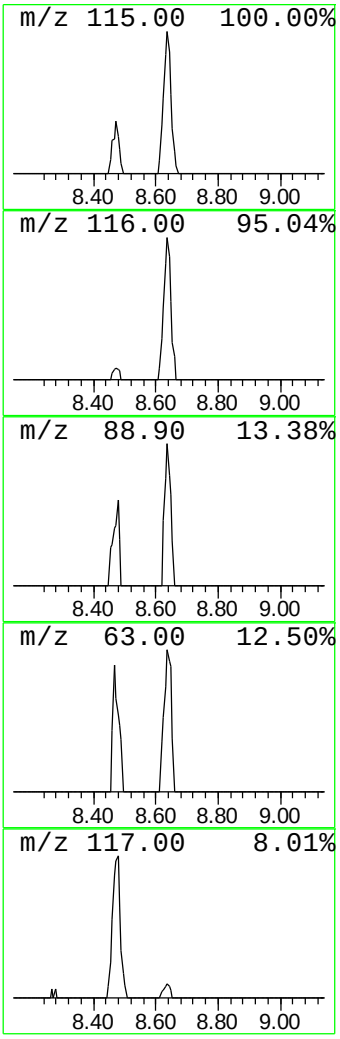
Peak Number 6 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.94 ng/ul	17530	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
4	Indene	116	C9H8	000095-13-6	72
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

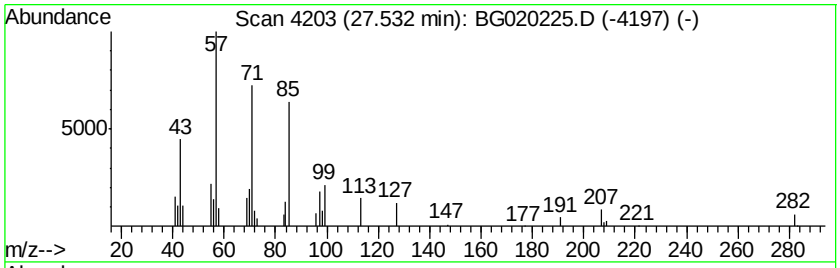
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

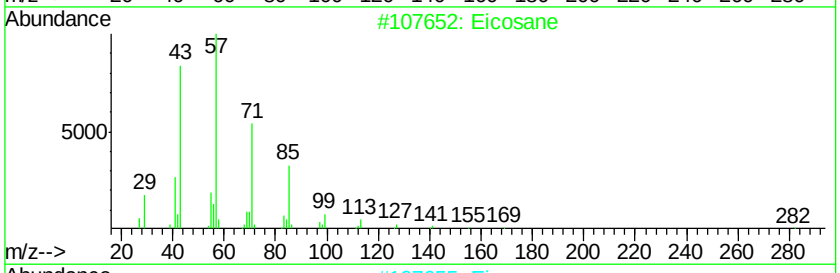
****

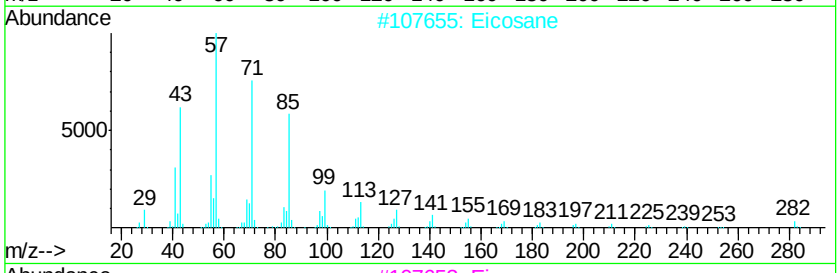
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

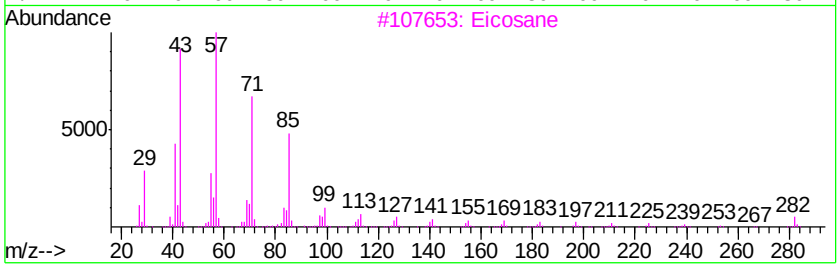
R.T.	EstConc	Area	Relative to ISTD	R.T.
27.53	2.18 ng/ul	44017	Perylene-d12	25.00

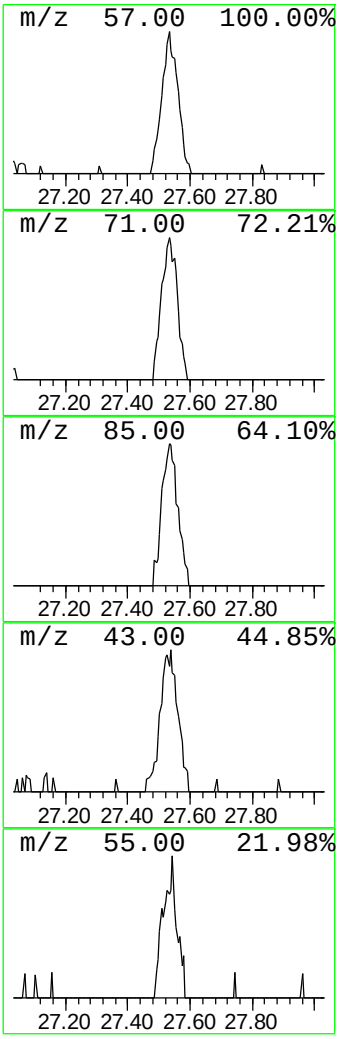
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020225.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : G4786-15DL2 400X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4-Octadiyne	5.71	2.5	ng/ul	11308	1	8.10	89081	20.0
Indane	8.47	3.7	ng/ul	16633	1	8.10	89081	20.0
Indene	8.64	3.9	ng/ul	17530	1	8.10	89081	20.0
(DEL) Alkane: Str...	27.53	2.2	ng/ul	44017	6	25.00	403148	20.0