LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029401.D
Acq On : 08 Apr 2021 09:34
Operator : CG/JU
Sample : M1957-21
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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	2.946	8	10	16	rVB	120701	133356	5.97%	1.009%
2	3.028	21	24	26	rVV	38254	37526	1.68%	0.284%
3	3.057	26	29	31	rVV3	15435	19829	0.89%	0.150%
4	3.081	31	33	35	rVV	25730	23659	1.06%	0.179%
5	3.116	35	39	49	rVB	2285656	2233131	100.00%	16.904%
6	3.422	85	91	92	rBV4	8255	10873	0.49%	0.082%
7	3.452	92	96	100	rVB	65754	79284	3.55%	0.600%
8	3.540	108	111	117	rVB7	4840	6081	0.27%	0.046%
9	3.822	156	159	163	rVB3	7333	8768	0.39%	0.066%
10	3.916	170	175	181	rVB2	22180	30751	1.38%	0.233%
11	4.093	201	205	209	rBV3	6090	9045	0.41%	0.068%
12	4.263	230	234	238	rVB	14942	18986	0.85%	0.144%
13	4.457	261	267	274	rVB5	6843	12814	0.57%	0.097%
14	4.663	299	302	307	rVB5	3474	5008	0.22%	0.038%
15	4.751	313	317	321	rBV4	2935	4619	0.21%	0.035%
16	4.857	332	335	340	rVB3	5651	6599	0.30%	0.050%
17	4.916	340	345	349	rBV4	3242	5209	0.23%	0.039%
18	5.069	368	371	376	rVB5	2655	4449	0.20%	0.034%
19	5.163	381	387	388	rBV4	5785	8994	0.40%	0.068%
20	5.216	394	396	403	rVB2	8444	10274	0.46%	0.078%
21	5.293	406	409	413	rVB2	4606	5454	0.24%	0.041%
22	5.351	413	419	427	rBV	23579	51783	2.32%	0.392%
23	5.510	441	446	450	rBV6	2554	5304	0.24%	0.040%
24	5.581	455	458	462	rVV5	3159	4703	0.21%	0.036%
25	5.722	475	482	489	rVV2	42966	70027	3.14%	0.530%
26	5.969	519	524	529	rBV5	4348	7703	0.34%	0.058%
27	6.187	558	561	568	rVB5	4107	6554	0.29%	0.050%
28	6.263	568	574	577	rVB5	3757	6075	0.27%	0.046%
29	6.334	583	586	590	rBV3	4140	6271	0.28%	0.047%
30	6.687	638	646	647	rBV4	4559	9210	0.41%	0.070%
31	6.751	653	657	659	rBV3	4289	5146	0.23%	0.039%
32	6.787	659	663	668	rVV2	19796	30622	1.37%	0.232%
33	6.840	668	672	679	rVV2	19157	34957	1.57%	0.265%
34	6.916	681	685	692	rVB2	12733	20815	0.93%	0.158%

LSC Area Percent Report

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Data File : BM029401.D
Acq On : 08 Apr 2021 09:34
Operator : CG/JU
Sample : M1957-21
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	7.081	707	713	717	rBV3	11342	15663	0.70%	0.119%
36	7.181	725	730	735	rVB8	2547	4471	0.20%	0.034%
37	7.322	748	754	763	rBV2	38372	78131	3.50%	0.591%
38	7.687	809	816	827	rBV	560182	879056	39.36%	6.654%
39	7.804	832	836	843	rVB3	10513	21604	0.97%	0.164%
40	8.063	873	880	884	rBV4	3467	6370	0.29%	0.048%
41	8.181	895	900	904	rBV4	5589	9789	0.44%	0.074%
42	8.234	904	909	915	rVV2	12925	23554	1.05%	0.178%
43	8.328	920	925	934	rBV3	18296	34782	1.56%	0.263%
44	8.692	983	987	991	rVV2	4418	5955	0.27%	0.045%
45	8.787	995	1003	1008	rBV3	14945	26208	1.17%	0.198%
46	8.869	1011	1017	1018	rVV4	2791	4547	0.20%	0.034%
47	8.916	1021	1025	1034	rVB	27995	44989	2.01%	0.341%
48	9.034	1042	1045	1051	rVB6	4253	7928	0.36%	0.060%
49	9.122	1055	1060	1065	rBV4	2852	5815	0.26%	0.044%
50	9.363	1098	1101	1106	rVV5	4184	6232	0.28%	0.047%
51	9.569	1133	1136	1139	rVB4	4345	5327	0.24%	0.040%
52	9.616	1139	1144	1149	rBV6	3748	7742	0.35%	0.059%
53	9.757	1160	1168	1173	rVB8	5234	13529	0.61%	0.102%
54	9.839	1176	1182	1184	rBV5	4679	8142	0.36%	0.062%
55	9.875	1184	1188	1192	rVB3	7578	11067	0.50%	0.084%
56	10.181	1236	1240	1243	rVB3	4239	5561	0.25%	0.042%
57	10.333	1261	1266	1272	rBV8	4425	7855	0.35%	0.059%
58	10.469	1278	1289	1295	rBV	760604	1268958	56.82%	9.606%
59	10.516	1295	1297	1306	rVV	32490	48025	2.15%	0.364%
60	10.598	1306	1311	1313	rVV5	3632	5056	0.23%	0.038%
61	10.645	1313	1319	1323	rVB5	4851	8686	0.39%	0.066%
62	10.933	1365	1368	1375	rVB5	3302	5741	0.26%	0.043%
63	11.169	1403	1408	1414	rVB8	3249	7235	0.32%	0.055%
64	11.386	1439	1445	1451	rBV6	2942	7053	0.32%	0.053%
65	11.504	1459	1465	1470	rBV3	6280	10707	0.48%	0.081%
66	11.910	1528	1534	1543	rVB2	10266	19026	0.85%	0.144%
67	12.051	1552	1558	1563	rBV6	2307	5815	0.26%	0.044%
68	12.139	1565	1573	1580	rVB	17481	29672	1.33%	0.225%
69	12.357	1605	1610	1615	rVB2	11739	17376	0.78%	0.132%
70	12.869	1693	1697	1702	rVB6	6080	8813	0.39%	0.067%
71	12.927	1702	1707	1712	rBV7	3062	4549	0.20%	0.034%

LSC Area Percent Report

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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

72	13.157	1743	1746	1754	rVB	14797	19451	0.87%	0.147%
73	13.486	1795	1802	1804	rBV6	9241	14793	0.66%	0.112%
74	13.639	1825	1828	1833	rVB2	12109	18218	0.82%	0.138%
75	13.698	1835	1838	1841	rVB4	9826	12868	0.58%	0.097%
76	13.751	1841	1847	1852	rVB8	7632	11577	0.52%	0.088%
77	13.821	1855	1859	1863	rVB3	8376	11266	0.50%	0.085%
78	13.874	1863	1868	1873	rBV6	6513	15681	0.70%	0.119%
79	14.057	1893	1899	1900	rBV6	6022	10267	0.46%	0.078%
80	14.157	1913	1916	1922	rVB6	9400	14664	0.66%	0.111%
81	14.239	1925	1930	1934	rBV2	17962	24094	1.08%	0.182%
82	14.321	1936	1944	1951	rBV	1141223	1702627	76.24%	12.888%
83	14.539	1977	1981	1986	rBV8	6177	12254	0.55%	0.093%
84	14.727	2009	2013	2018	rVB3	15252	25018	1.12%	0.189%
85	14.804	2023	2026	2030	rVB5	5851	7597	0.34%	0.058%
86	14.857	2032	2035	2041	rVB8	8646	14523	0.65%	0.110%
87	14.998	2056	2059	2062	rVB3	11211	12513	0.56%	0.095%
88	15.045	2064	2067	2072	rBV6	6940	11714	0.52%	0.089%
89	15.116	2076	2079	2082	rVB5	14661	19777	0.89%	0.150%
90	15.192	2087	2092	2095	rBV	23105	33079	1.48%	0.250%
91	15.368	2119	2122	2127	rBV5	16886	28281	1.27%	0.214%
92	15.598	2157	2161	2166	rVB4	17935	28846	1.29%	0.218%
93	16.051	2234	2238	2239	rBV3	39872	47991	2.15%	0.363%
94	17.062	2405	2410	2415	rBV	1302033	1881255	84.24%	14.240%
95	17.104	2415	2417	2423	rVB	195347	228888	10.25%	1.733%
96	19.121	2756	2760	2765	rVB	244809	327388	14.66%	2.478%
97	19.980	2903	2906	2910	rVB2	134307	162846	7.29%	1.233%
98	20.256	2950	2953	2957	rVB2	128991	151720	6.79%	1.148%
99	21.239	3115	3120	3124	rBV	1129756	1493980	66.90%	11.309%
100	23.450	3490	3496	3505	rVB2	633446	1252632	56.09%	9.482%

Sum of corrected areas: 13210716

LSC Report - Integrated Chromatogram

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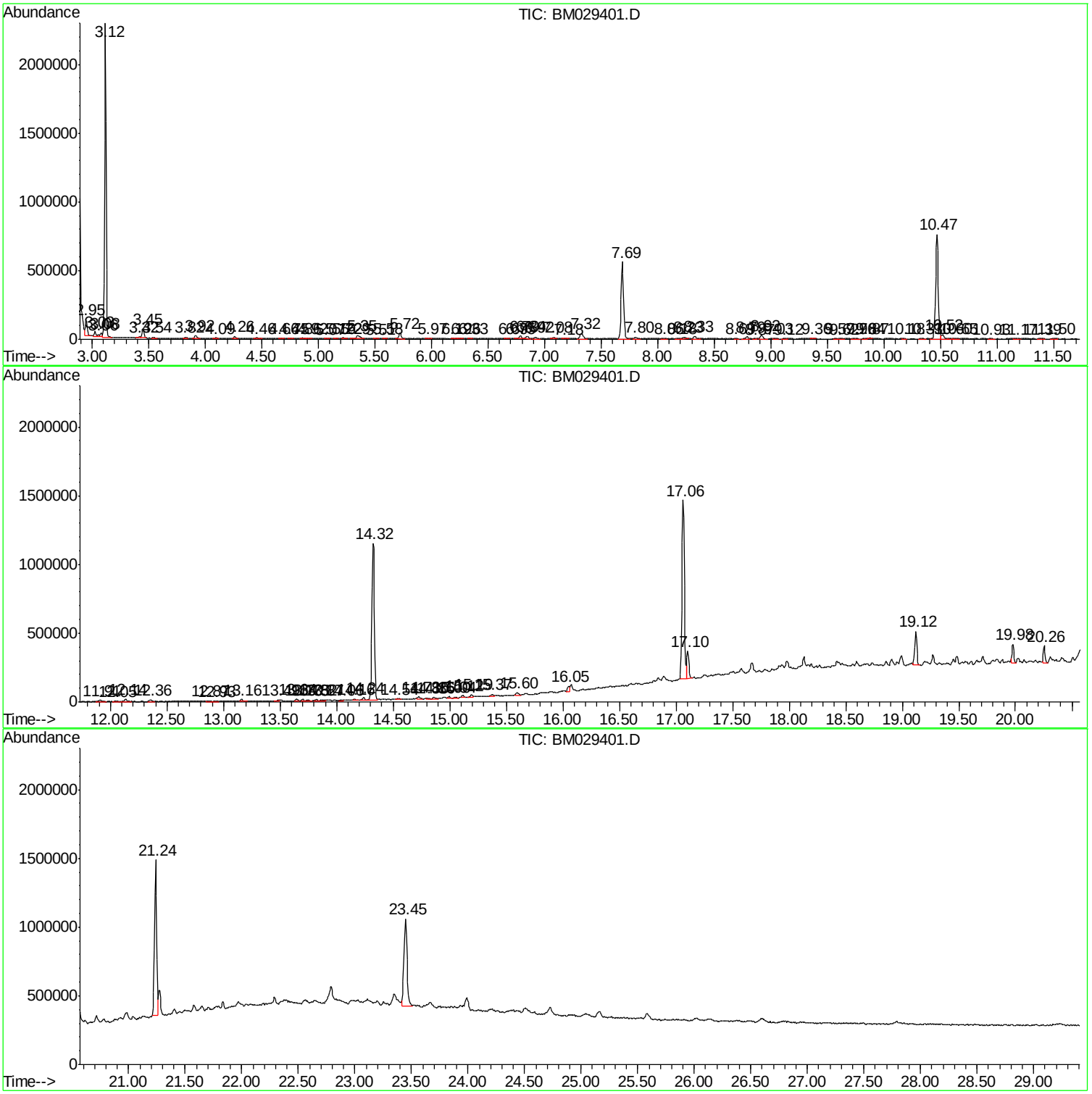
Sample : M1957-21
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029401.D
Acq On : 08 Apr 2021 09:34
Operator : CG/JU
Sample : M1957-21
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

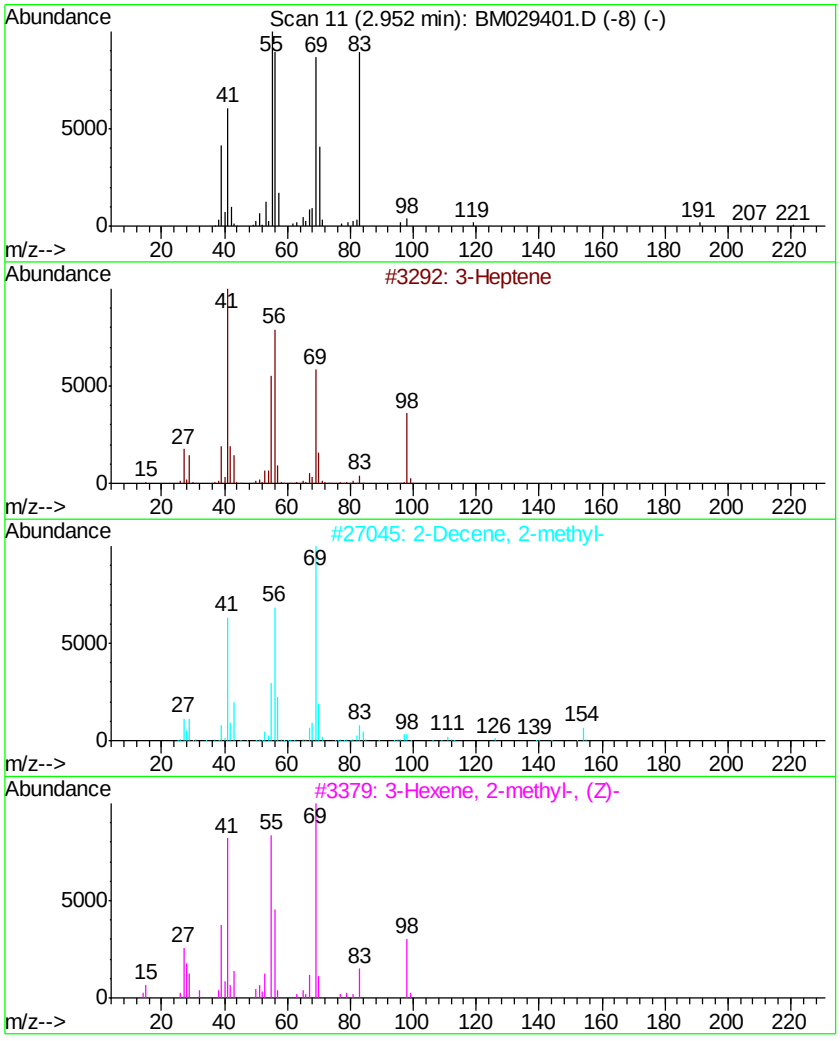
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

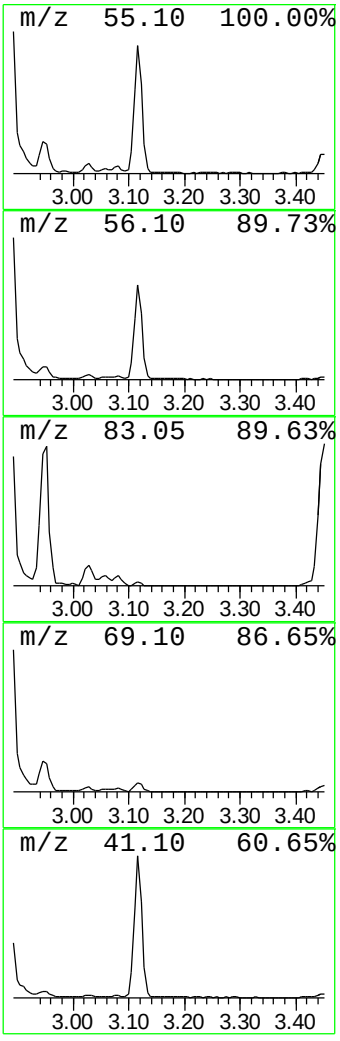
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.03 ng/ul	133356	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene	98	C7H14	000592-78-9	47
2	2-Decene, 2-methyl-	154	C11H22	023381-92-2	43
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	38
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	38
5	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
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Instrument : BNA_M
ClientSampleId : C0B48

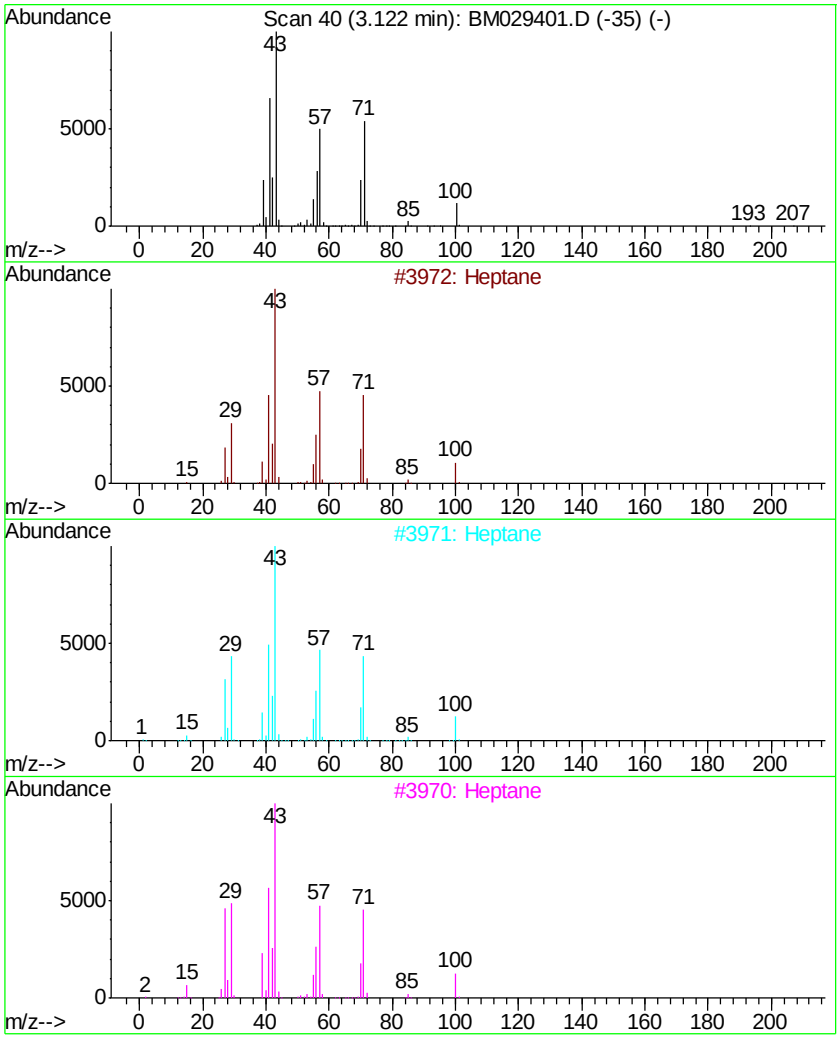
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

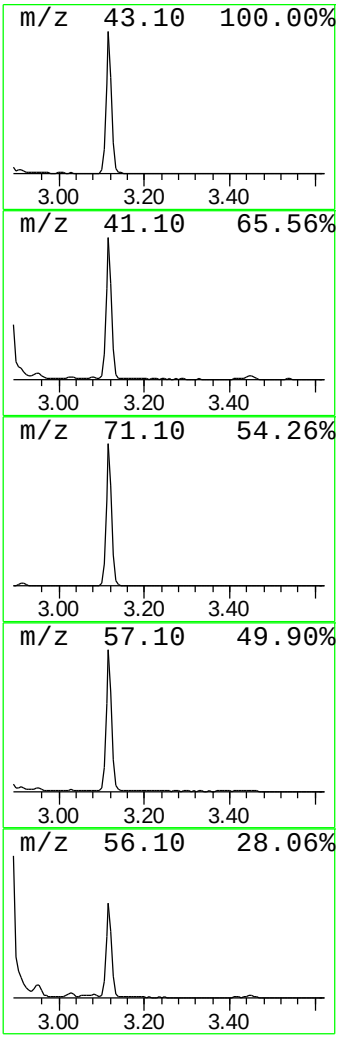
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	50.81 ng/ul	2233130	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	83
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40





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Quant Title : SVOA CALIBRATION

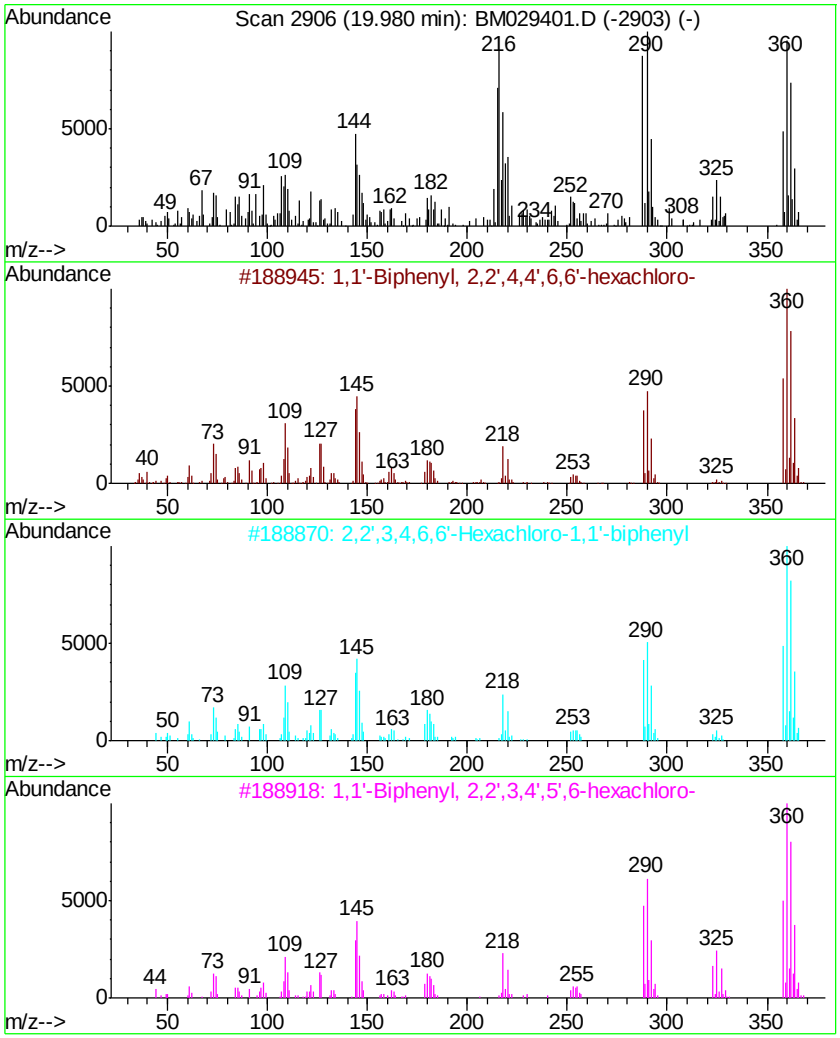
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

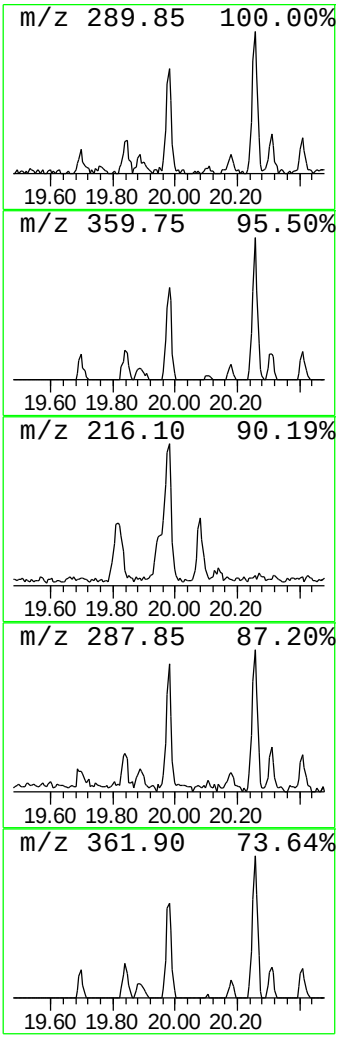
****

Peak Number 3 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.18 ng/ul	162846	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	97
2	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	97
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	97
4	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	96
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	95





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

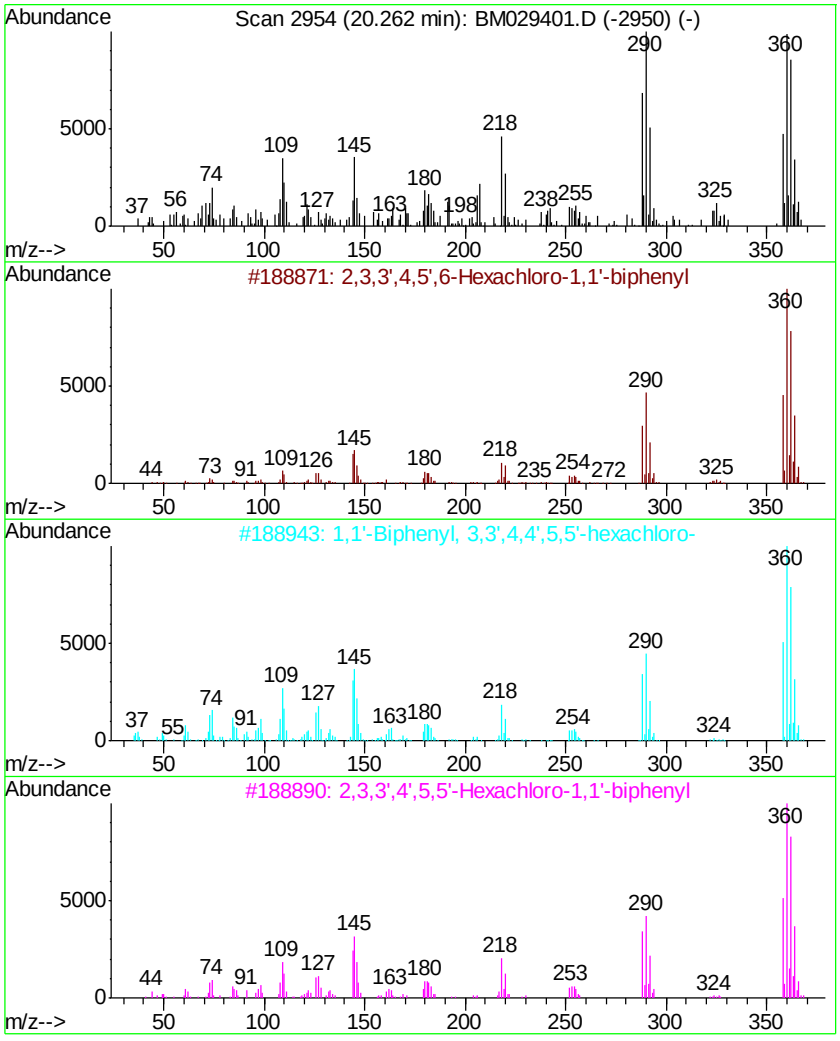
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

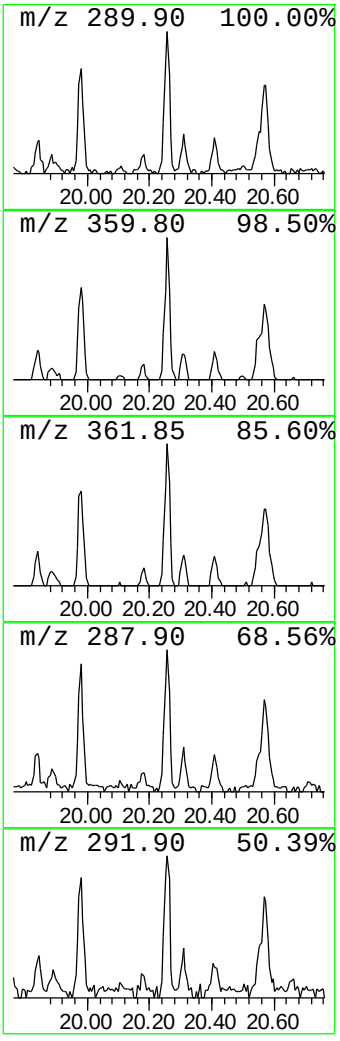
****

Peak Number 4 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.03 ng/ul	151720	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
(DEL) Alkane: Str...	2.95	3.0	ng/ul	133356	1	7.69	879056	20.0
(DEL) Alkane: Str...	3.12	50.8	ng/ul	2233130	1	7.69	879056	20.0
1,1'-Biphenyl, 2,...	19.98	2.2	ng/ul	162846	5	21.24	1493980	20.0
2,3,3',4,5',6-Hex...	20.26	2.0	ng/ul	151720	5	21.24	1493980	20.0