LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

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-BM072319MA.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	3.951	160	164	175	rVB	216675	323816	4.52%	0.597%
2	6.881	657	662	675	rVB2	156258	335638	4.68%	0.618%
3	7.051	686	691	710	rVB	378567	640269	8.93%	1.180%
4	7.234	717	722	731	rVB	455471	750149	10.47%	1.382%
5	7.704	796	802	807	rBV	407759	637035	8.89%	1.174%
6	7.757	808	811	818	rVB2	38380	58146	0.81%	0.107%
7	7.922	834	839	847	rVB3	57329	94444	1.32%	0.174%
8	8.145	873	877	885	rVB	58264	100073	1.40%	0.184%
9	8.410	916	922	926	rBV	442594	711935	9.93%	1.312%
10	8.469	926	932	949	rVB	1048853	1776362	24.78%	3.273%
11	8.863	993	999	1007	rBV	558811	931826	13.00%	1.717%
12	9.580	1114	1121	1134	rVB	482873	804694	11.23%	1.483%
13	9.769	1147	1153	1160	rBV	57727	122501	1.71%	0.226%
14	9.845	1160	1166	1171	rVB4	37587	78845	1.10%	0.145%
15	9.904	1171	1176	1177	rBV	42067	50331	0.70%	0.093%
16	10.110	1204	1211	1232	rVB	753132	1429798	19.95%	2.634%
17	10.345	1248	1251	1258	rVB5	10933	17861	0.25%	0.033%
18	10.486	1268	1275	1281	rBV	638198	1068702	14.91%	1.969%
19	10.539	1281	1284	1289	rVB5	17888	30489	0.43%	0.056%
20	10.651	1298	1303	1314	rVB	39535	76486	1.07%	0.141%
21	11.092	1365	1378	1402	rBV	616684	1717642	23.97%	3.165%
22	11.569	1455	1459	1466	rVB5	5873	11958	0.17%	0.022%
23	12.004	1528	1533	1540	rBV2	43461	70756	0.99%	0.130%
24	12.080	1541	1546	1554	rVB	12165	21715	0.30%	0.040%
25	12.157	1554	1559	1566	rBV2	11142	22905	0.32%	0.042%
26	12.327	1580	1588	1603	rBV	228244	467962	6.53%	0.862%
27	12.733	1652	1657	1664	rBV5	4809	10085	0.14%	0.019%
28	13.204	1731	1737	1742	rVB	54419	82042	1.14%	0.151%
29	13.498	1783	1787	1793	rVB4	5873	9233	0.13%	0.017%
30	13.763	1826	1832	1837	rBV	1787924	2475139	34.53%	4.560%
31	13.810	1837	1840	1846	rVB	240040	322580	4.50%	0.594%
32	14.039	1872	1879	1887	rVB	1966417	2820886	39.36%	5.197%
33	14.192	1900	1905	1910	rBV	47854	79014	1.10%	0.146%
34	14.345	1923	1931	1939	rBV	1205797	1780643	24.84%	3.281%

LSC Area Percent Report

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Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

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-BM072319MA.M
Title : SVOA CALIBRATION

35	14.421	1939	1944	1953	rBV3	13103	30050	0.42%	0.055%
36	14.504	1953	1958	1963	rVB4	12572	19927	0.28%	0.037%
37	14.586	1965	1972	1989	rBV	103895	254057	3.54%	0.468%
38	14.774	1997	2004	2006	rBV6	4053	7335	0.10%	0.014%
39	15.104	2052	2060	2069	rBV	167488	261429	3.65%	0.482%
40	15.345	2094	2101	2110	rBV	2724198	3738333	52.16%	6.887%
41	15.480	2118	2124	2136	rBV	700537	1003603	14.00%	1.849%
42	15.580	2136	2141	2148	rVB2	31962	53378	0.74%	0.098%
43	15.721	2159	2165	2172	rBV2	46566	103664	1.45%	0.191%
44	15.951	2199	2204	2210	rBV	25770	38370	0.54%	0.071%
45	16.127	2228	2234	2239	rVB5	11169	16634	0.23%	0.031%
46	16.609	2310	2316	2326	rBV3	19599	39754	0.55%	0.073%
47	16.774	2339	2344	2351	rBV3	24676	40227	0.56%	0.074%
48	16.886	2359	2363	2370	rVB3	9104	13497	0.19%	0.025%
49	17.098	2393	2399	2406	rBV2	1662664	2319447	32.36%	4.273%
50	17.198	2410	2416	2423	rBV	3163878	4369252	60.96%	8.050%
51	17.256	2423	2426	2434	rVB3	35242	60156	0.84%	0.111%
52	17.868	2527	2530	2534	rBV4	4607	8520	0.12%	0.016%
53	17.992	2546	2551	2562	rBV	184731	310818	4.34%	0.573%
54	18.398	2617	2620	2622	rVB4	9030	7983	0.11%	0.015%
55	18.745	2675	2679	2684	rBV6	29379	43848	0.61%	0.081%
56	18.939	2708	2712	2716	rBV3	21243	30256	0.42%	0.056%
57	19.015	2721	2725	2729	rBV5	22532	32925	0.46%	0.061%
58	19.133	2741	2745	2752	rBV	41441	65305	0.91%	0.120%
59	19.274	2765	2769	2778	rBV2	107591	175475	2.45%	0.323%
60	19.350	2778	2782	2785	rVV4	70382	94962	1.32%	0.175%
61	19.386	2785	2788	2792	rVB	37160	45866	0.64%	0.085%
62	19.497	2801	2807	2816	rBV	4446347	5805652	81.00%	10.696%
63	20.239	2930	2933	2939	rBV8	23022	43814	0.61%	0.081%
64	20.974	3055	3058	3059	rBV2	82927	85701	1.20%	0.158%
65	20.997	3060	3062	3069	rVB3	144542	205398	2.87%	0.378%
66	21.291	3107	3112	3121	rBV	2579679	3256318	45.43%	5.999%
67	21.862	3207	3209	3213	rVB	104936	110985	1.55%	0.204%
68	22.327	3285	3288	3295	rVB2	203265	255204	3.56%	0.470%
69	22.833	3371	3374	3379	rVB	248376	304943	4.25%	0.562%
70	23.397	3463	3470	3480	rBV	4049581	7167236	100.00%	13.205%
71	23.538	3488	3494	3504	rVB	1863290	3475009	48.48%	6.402%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

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-BM072319MA.M
Title : SVOA CALIBRATION

72	24.038	3575	3579	3586	rVB	254456	450826	6.29%	0.831%

Sum of corrected areas: 54278117

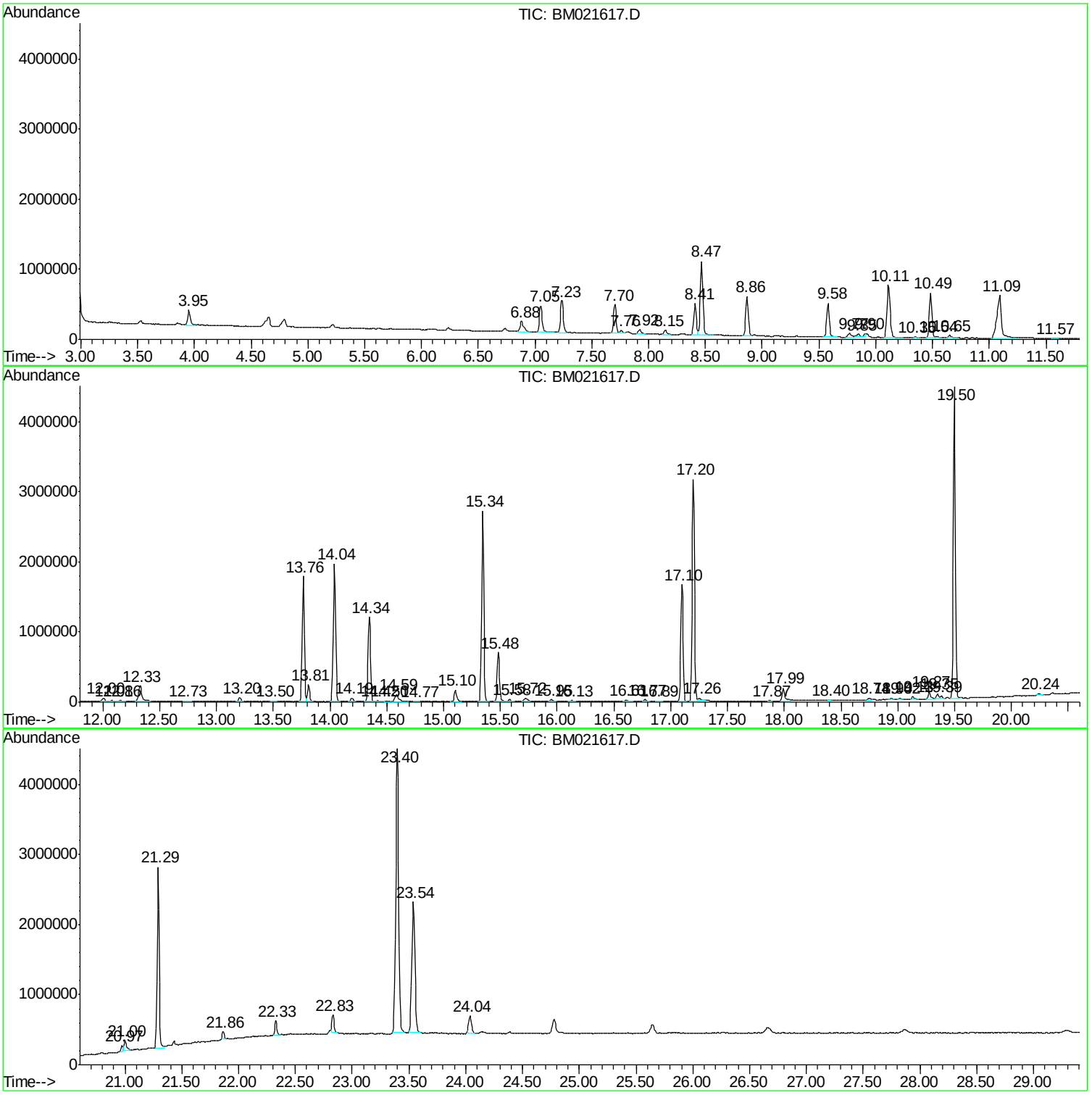
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

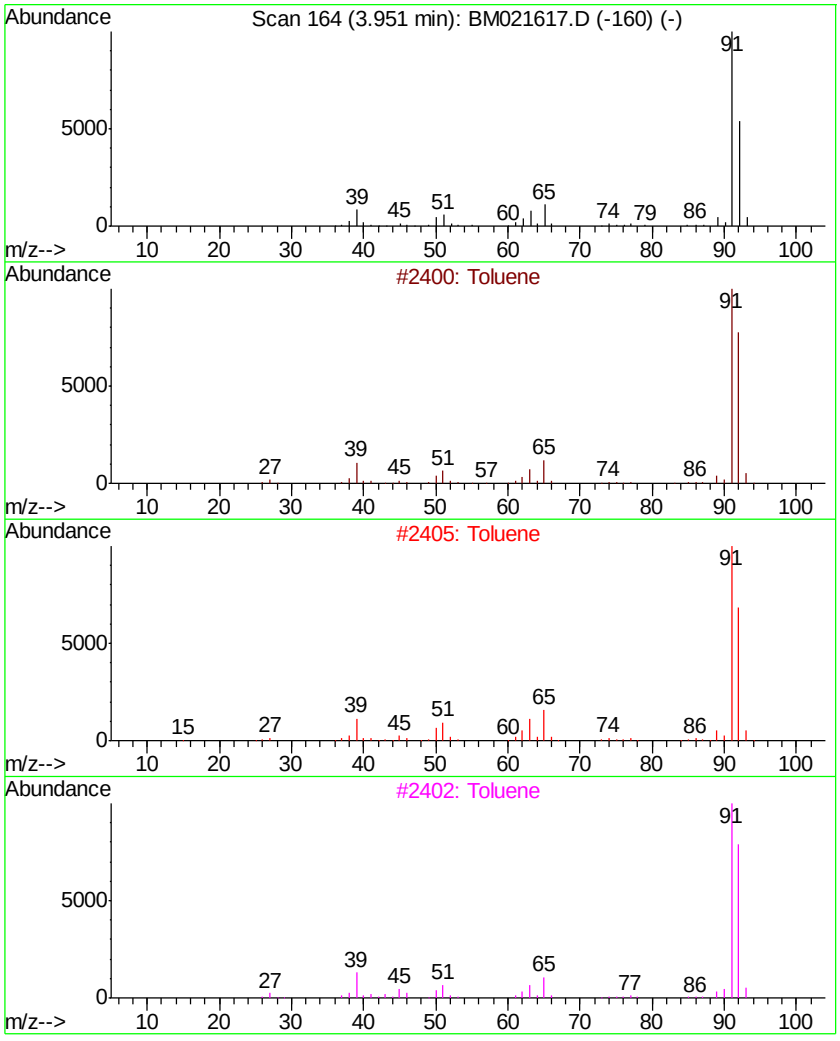
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

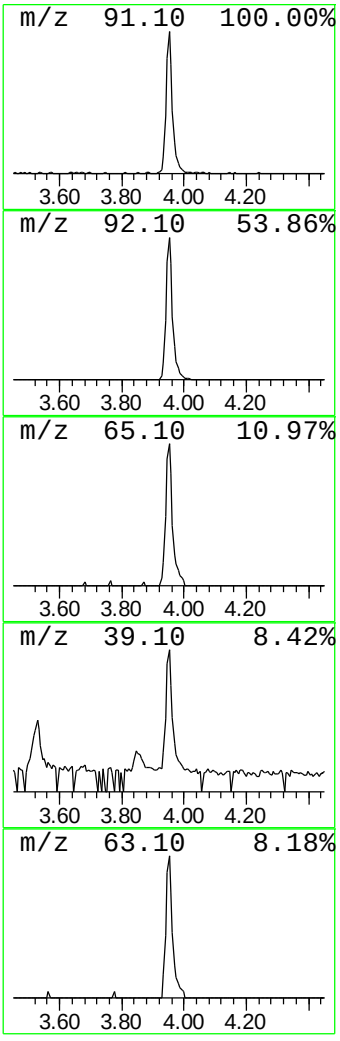
****

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	10.17 ng/ul	323816	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	93
3	Toluene	92	C7H8	000108-88-3	91
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

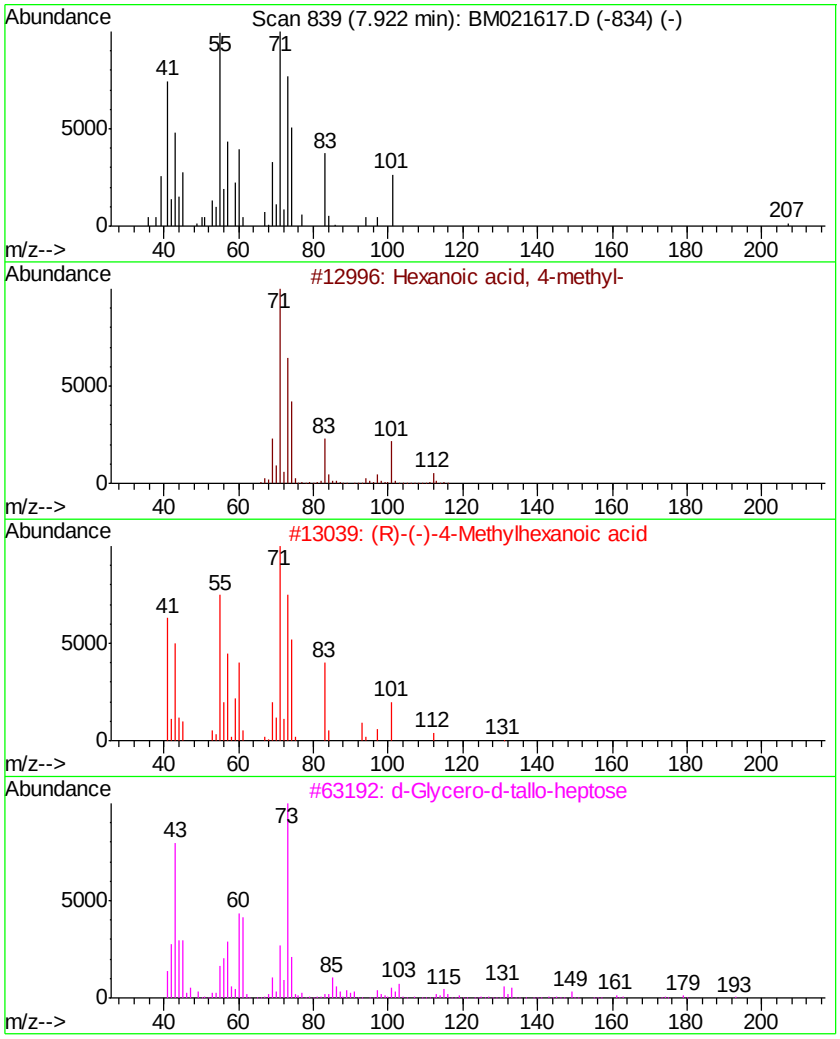
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

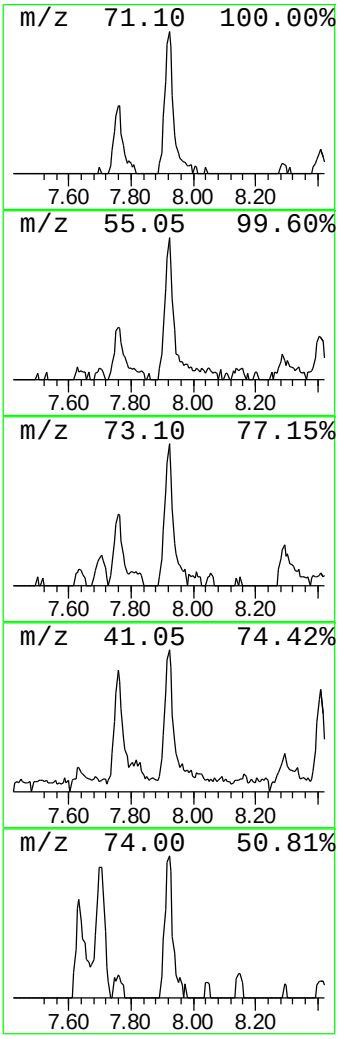
****

Peak Number 2 Hexanoic acid, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.97 ng/ul	94444	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-methyl-	130	C7H14O2	001561-11-1	90
2	(R)-(-)-4-Methylhexanoic acid	130	C7H14O2	052745-93-4	83
3	d-Glycero-d-tallo-heptose	210	C7H14O7	1000130-14-7	27
4	3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	22
5	2-Butene, 1-butoxy-3-methyl-	142	C9H18O	022094-02-6	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

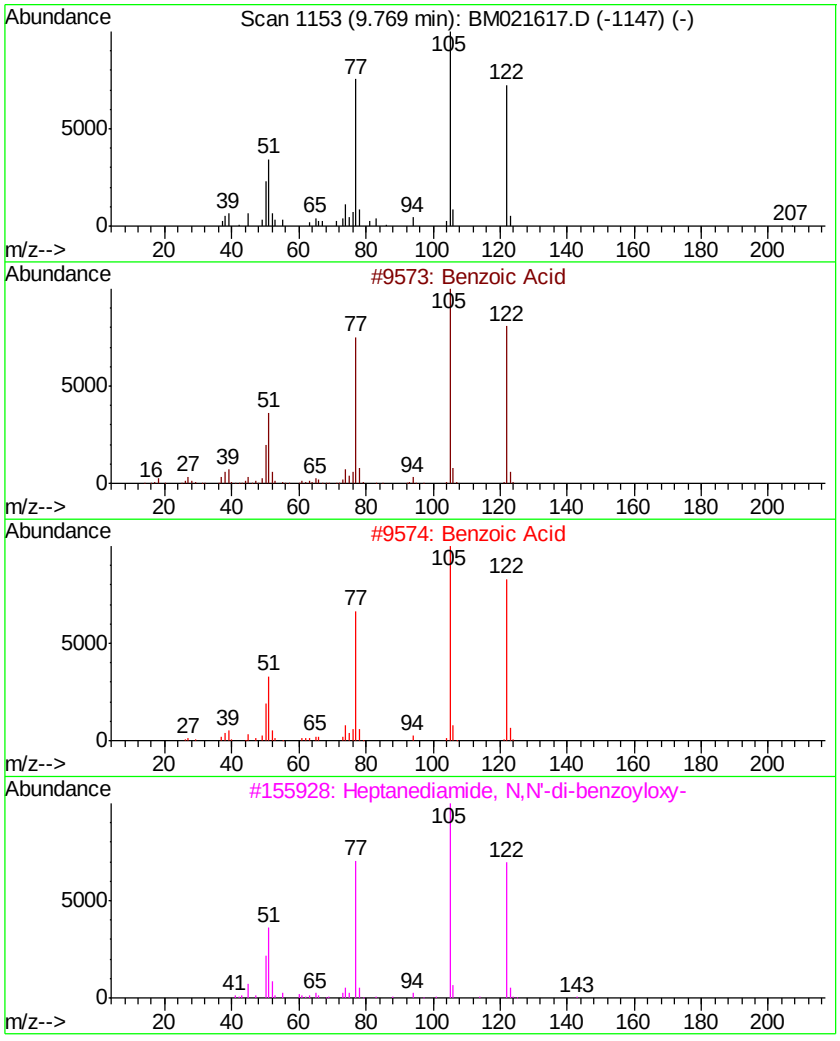
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

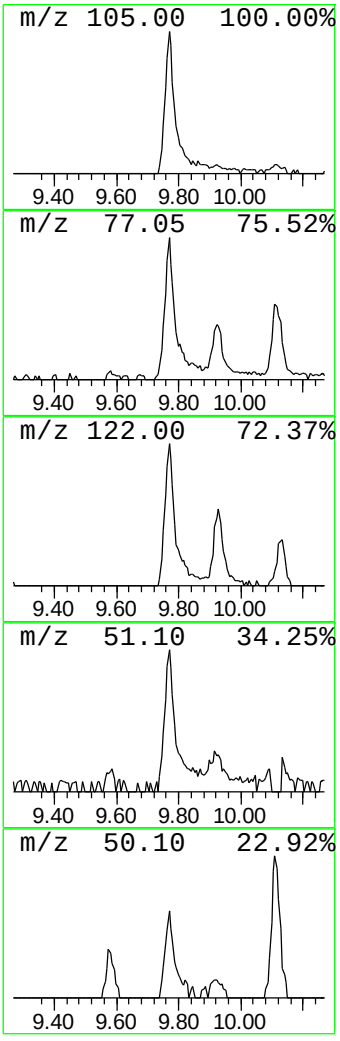
****

Peak Number 3 Benzoic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.29 ng/ul	122501	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic Acid	122	C7H6O2	000065-85-0	95
2	Benzoic Acid	122	C7H6O2	000065-85-0	91
3	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	91
4	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	90
5	Cyclopropanecarboxamide, N-benzo...	205	C11H11NO3	1000253-25-4	83





Library Search Compound Report

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Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

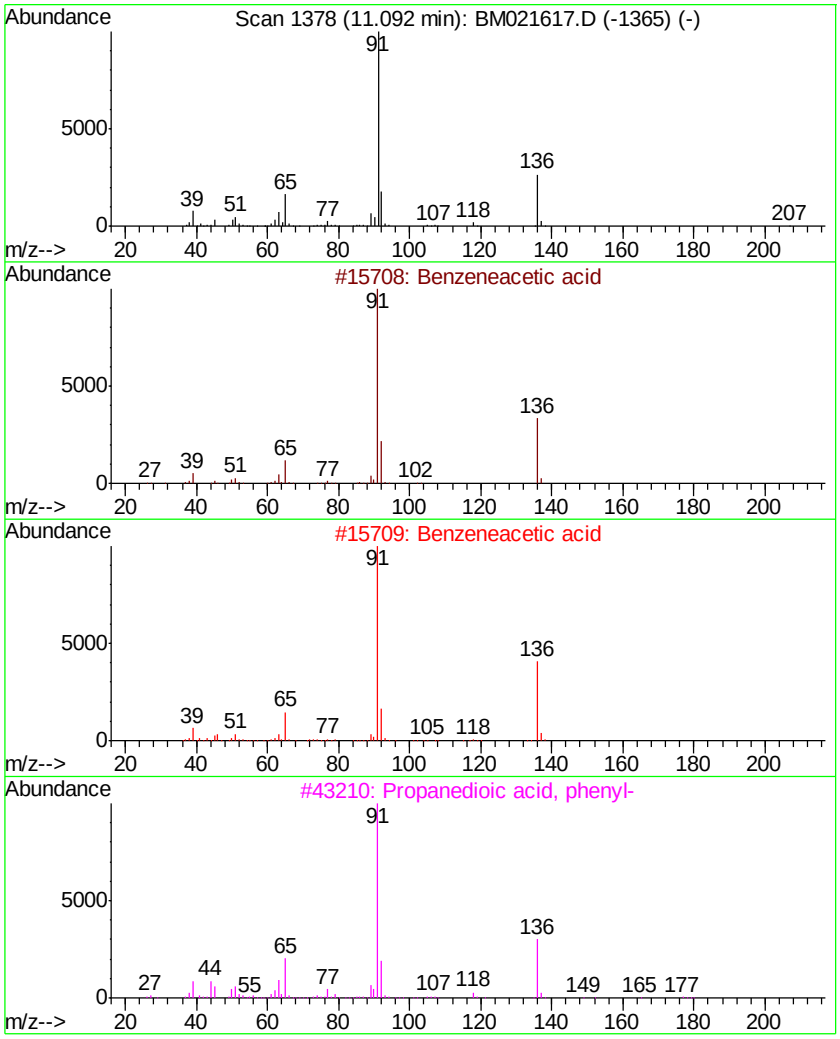
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

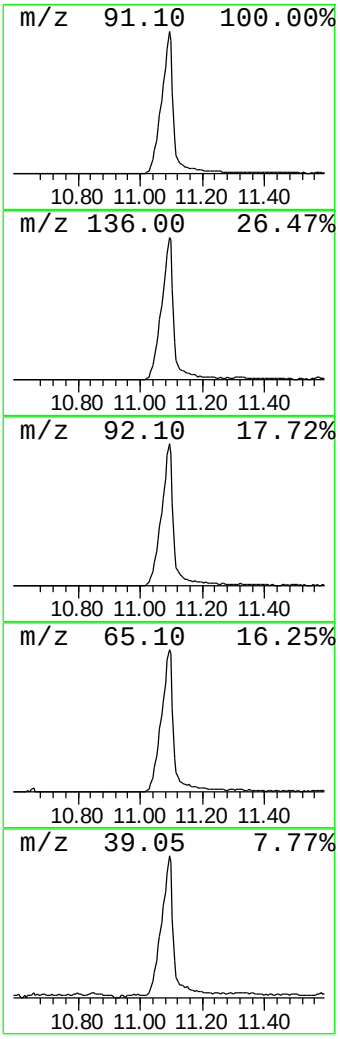
****

Peak Number 4 Benzeneacetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	32.14 ng/ul	1717640	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	83
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	83
3	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	80
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	64
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	59





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Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

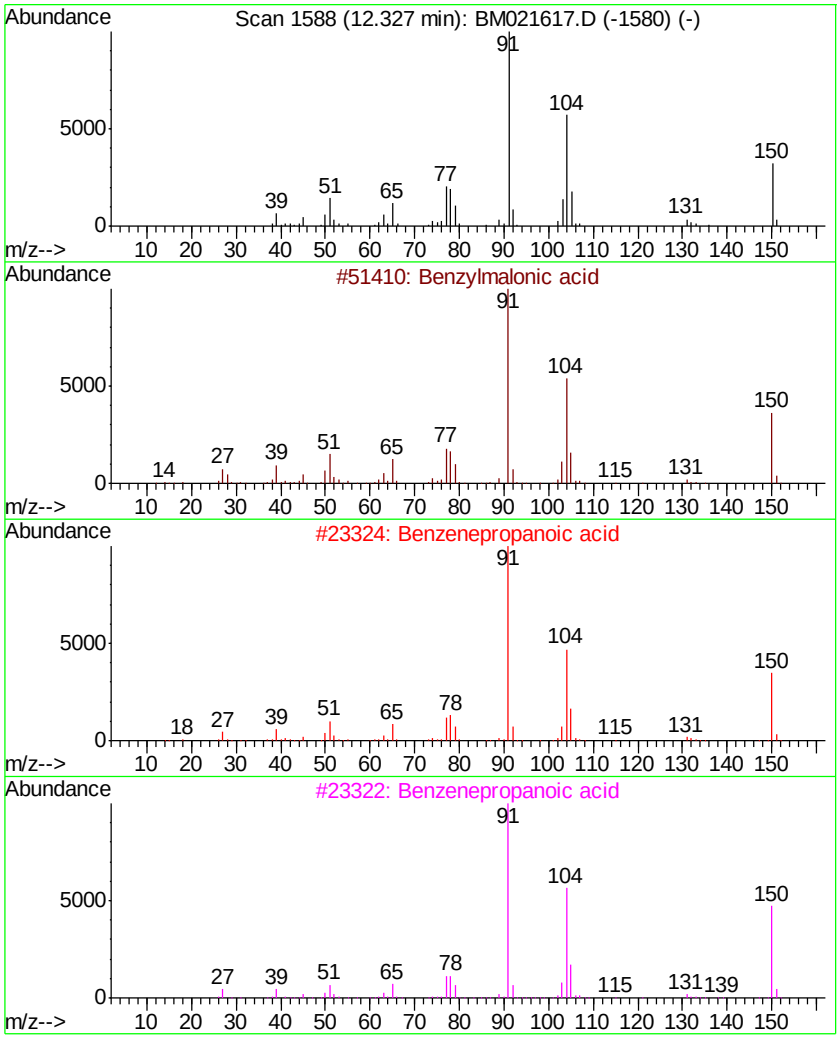
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

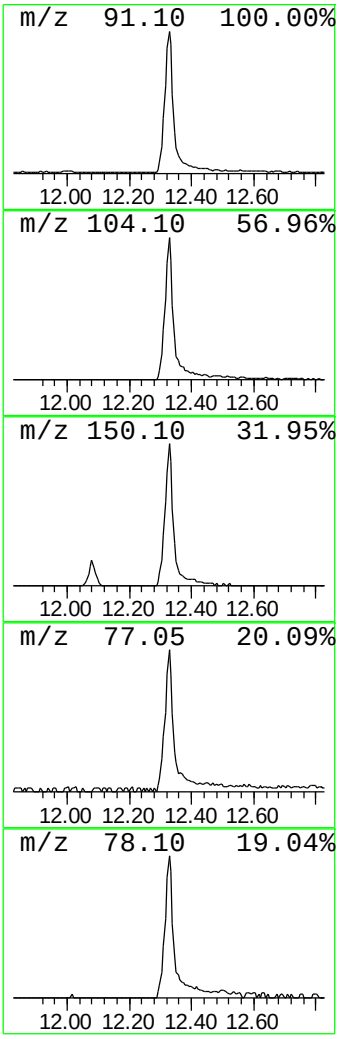
****

Peak Number 5 Benzylmalonic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	8.76 ng/ul	467962	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzylmalonic acid	194	C10H10O4	000616-75-1	91
2	Benzenepropanoic acid	150	C9H10O2	000501-52-0	90
3	Benzenepropanoic acid	150	C9H10O2	000501-52-0	83
4	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	78
5	Cyclopropane, 1-benzyl-2-bromo-	210	C10H11Br	128970-90-1	50





Library Search Compound Report

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Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

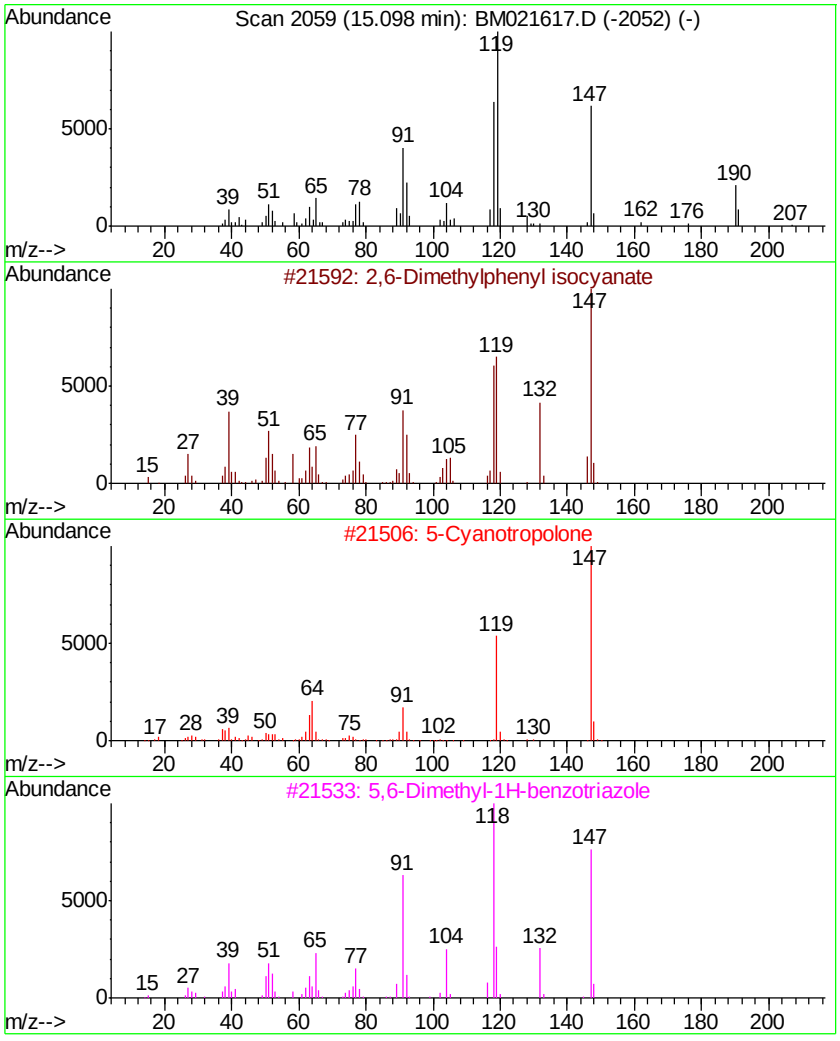
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

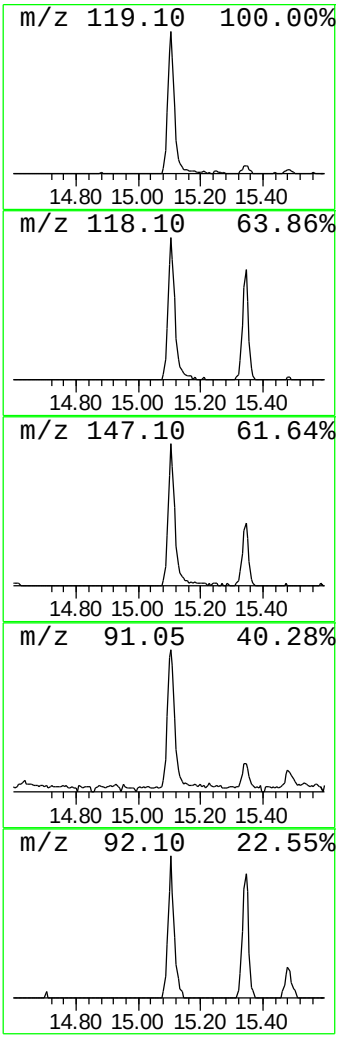
****

Peak Number 6 2,6-Dimethylphenyl isocyanate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.94 ng/ul	261429	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	62
2	5-Cyanotropolone	147	C8H5NO2	003266-92-0	49
3	5,6-Dimethyl-1H-benzotriazole	147	C8H9N3	004184-79-6	46
4	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	46
5	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	46





Library Search Compound Report

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Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

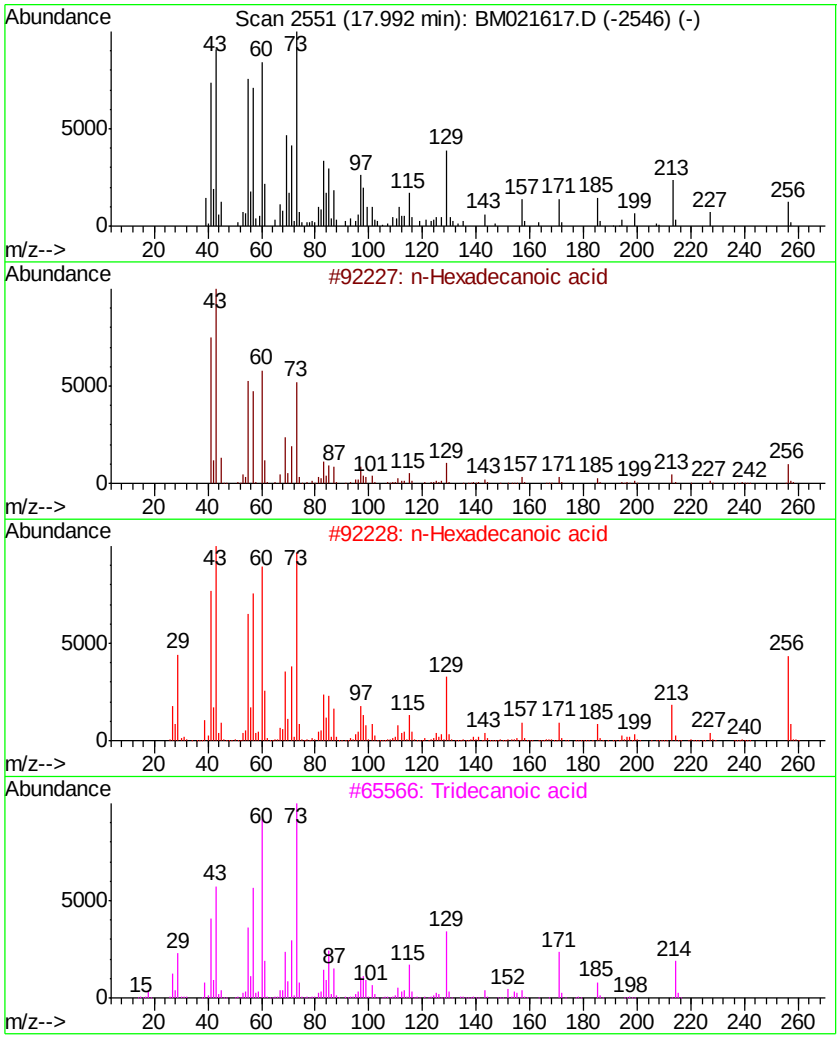
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

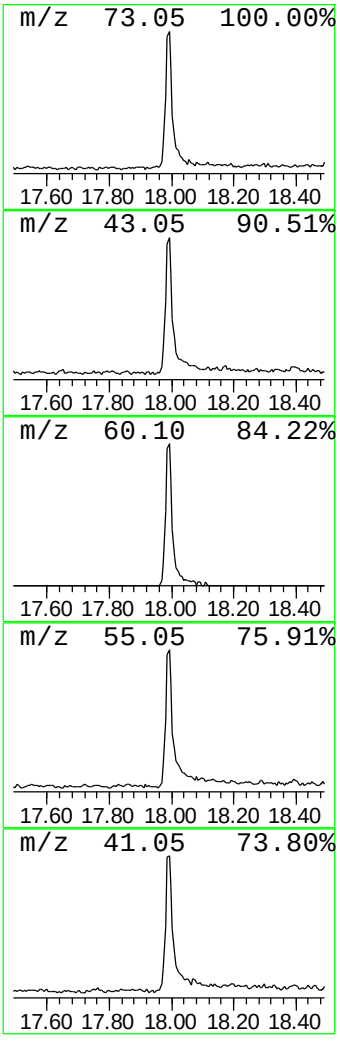
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.68 ng/ul	310818	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

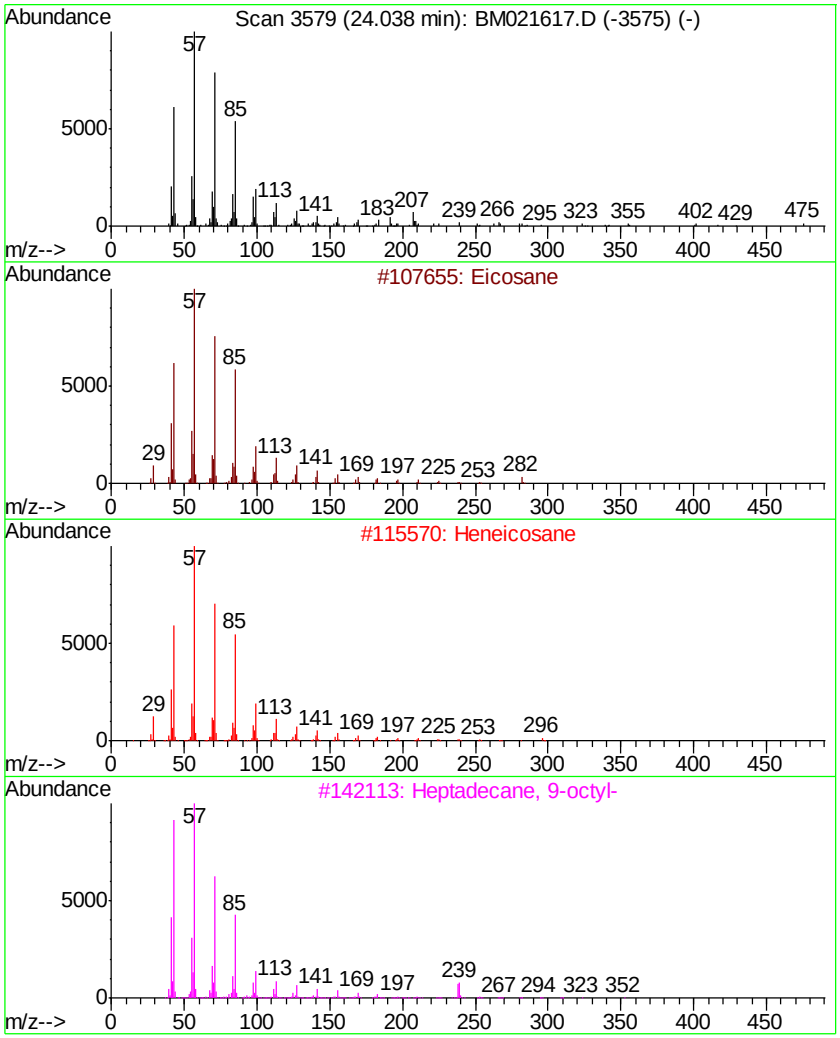
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

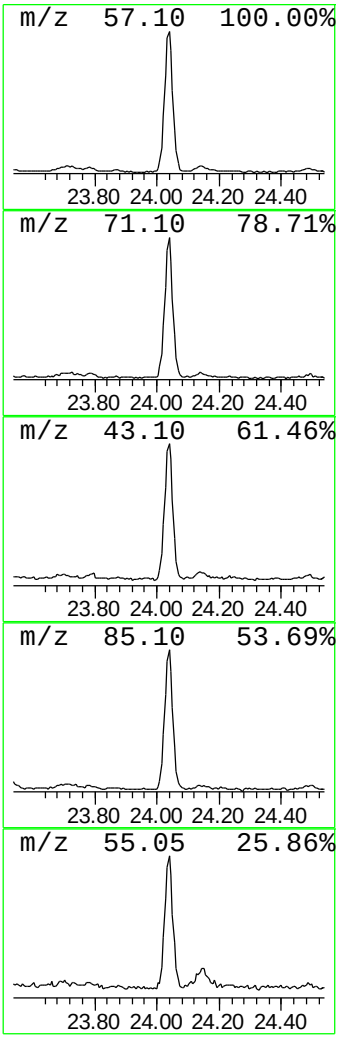
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.59 ng/ul	450826	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
Data File : BM021617.D
Acq On : 23 Jul 2019 19:00
Operator : HP/JU
Sample : K3890-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.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
1,3,5-Cycloheptat...	3.95	10.2	ng/ul	323816	1	7.70	637035	20.0
Hexanoic acid, 4-...	7.92	3.0	ng/ul	94444	1	7.70	637035	20.0
Benzoic Acid	9.77	2.3	ng/ul	122501	2	10.49	1068700	20.0
Benzeneacetic acid	11.09	32.1	ng/ul	1717640	2	10.49	1068700	20.0
Benzylmalonic acid	12.33	8.8	ng/ul	467962	2	10.49	1068700	20.0
2,6-Dimethylpheny...	15.10	2.9	ng/ul	261429	3	14.34	1780640	20.0
n-Hexadecanoic acid	17.99	2.7	ng/ul	310818	4	17.10	2319450	20.0
(DEL) Alkane: Str...	24.04	2.6	ng/ul	450826	6	23.54	3475010	20.0