LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021516.D
Acq On : 18 Jul 2019 08:01
Operator : HP/JU
Sample : K3760-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Z2

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-BM070819MA.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	4.369	232	235	240	rVB	75846	90846	3.09%	0.324%
2	6.393	575	579	586	rVB	104801	157227	5.34%	0.561%
3	6.816	648	651	656	rVB2	42268	51647	1.75%	0.184%
4	6.893	659	664	675	rVB	211819	372112	12.64%	1.327%
5	7.063	689	693	703	rVB	175115	288816	9.81%	1.030%
6	7.251	720	725	734	rVB	242967	403334	13.70%	1.438%
7	7.716	798	804	812	rVB	672943	1080925	36.72%	3.854%
8	8.428	919	925	933	rBV	257471	435145	14.78%	1.551%
9	8.887	996	1003	1011	rVB	225434	393141	13.36%	1.402%
10	9.234	1058	1062	1067	rVB2	23775	37732	1.28%	0.135%
11	9.598	1118	1124	1136	rVB	158073	278591	9.46%	0.993%
12	9.951	1180	1184	1190	rBV3	7806	16209	0.55%	0.058%
13	10.134	1208	1215	1234	rVB	249202	522381	17.75%	1.863%
14	10.504	1270	1278	1286	rBV	894446	1507767	51.22%	5.376%
15	10.675	1303	1307	1315	rVB3	20516	42584	1.45%	0.152%
16	11.728	1482	1486	1491	rVV	12328	16530	0.56%	0.059%
17	11.792	1493	1497	1502	rVB6	3360	7034	0.24%	0.025%
18	12.698	1647	1651	1658	rBV4	5374	8375	0.28%	0.030%
19	12.957	1691	1695	1699	rBV5	5355	8117	0.28%	0.029%
20	13.510	1784	1789	1793	rBV5	3943	7106	0.24%	0.025%
21	13.663	1809	1815	1822	rBV	96314	135002	4.59%	0.481%
22	13.739	1824	1828	1829	rBV2	8854	9553	0.32%	0.034%
23	13.780	1829	1835	1840	rVV	581274	843054	28.64%	3.006%
24	13.827	1840	1843	1848	rVB	40024	56027	1.90%	0.200%
25	14.057	1873	1882	1889	rBV	676371	1026158	34.86%	3.659%
26	14.310	1919	1925	1928	rBV2	38290	53775	1.83%	0.192%
27	14.363	1928	1934	1942	rVB2	1324512	2001503	67.99%	7.136%
28	14.604	1970	1975	1984	rBV4	44403	93150	3.16%	0.332%
29	15.310	2090	2095	2097	rBV3	6375	8824	0.30%	0.031%
30	15.363	2097	2104	2116	rVB	900975	1362701	46.29%	4.859%
31	15.498	2121	2127	2139	rBV	108762	179163	6.09%	0.639%
32	15.604	2139	2145	2150	rVB2	8692	12506	0.42%	0.045%
33	16.557	2303	2307	2309	rVB2	4933	6733	0.23%	0.024%
34	16.904	2362	2366	2369	rVB2	5875	8849	0.30%	0.032%

LSC Area Percent Report

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Sample : K3760-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Z2

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-BM070819MA.M
Title : SVOA CALIBRATION

35	17.027	2382	2387	2392	rBV5	6317	11400	0.39%	0.041%
36	17.115	2395	2402	2409	rVV2	1671226	2398248	81.47%	8.551%
37	17.215	2412	2419	2427	rVV	1007714	1483176	50.39%	5.288%
38	17.621	2485	2488	2493	rVB5	6143	7809	0.27%	0.028%
39	18.004	2549	2553	2563	rBV	79259	127641	4.34%	0.455%
40	18.080	2563	2566	2569	rVV2	6451	8927	0.30%	0.032%
41	18.427	2621	2625	2630	rBV	29853	45033	1.53%	0.161%
42	19.292	2768	2772	2778	rBV3	40701	58594	1.99%	0.209%
43	19.509	2803	2809	2816	rBV	1356175	1859233	63.16%	6.629%
44	19.903	2874	2876	2881	rVB5	24116	29270	0.99%	0.104%
45	20.015	2892	2895	2898	rBV	63255	79483	2.70%	0.283%
46	20.345	2947	2951	2960	rVB	342982	401836	13.65%	1.433%
47	20.456	2967	2970	2973	rBV	62861	77226	2.62%	0.275%
48	20.862	3034	3039	3044	rBV	715451	817257	27.76%	2.914%
49	20.986	3057	3060	3061	rBV2	63658	64643	2.20%	0.230%
50	21.009	3062	3064	3071	rVB3	127641	197189	6.70%	0.703%
51	21.303	3109	3114	3126	rBV	2187133	2815246	95.64%	10.038%
52	22.850	3374	3377	3382	rVB	206139	281654	9.57%	1.004%
53	23.415	3468	3473	3483	rVB	1277774	2393192	81.30%	8.533%
54	23.556	3491	3497	3510	rVB	1473752	2943677	100.00%	10.496%
55	24.062	3580	3583	3591	rVB	256265	423644	14.39%	1.510%

Sum of corrected areas: 28046995

LSC Report - Integrated Chromatogram

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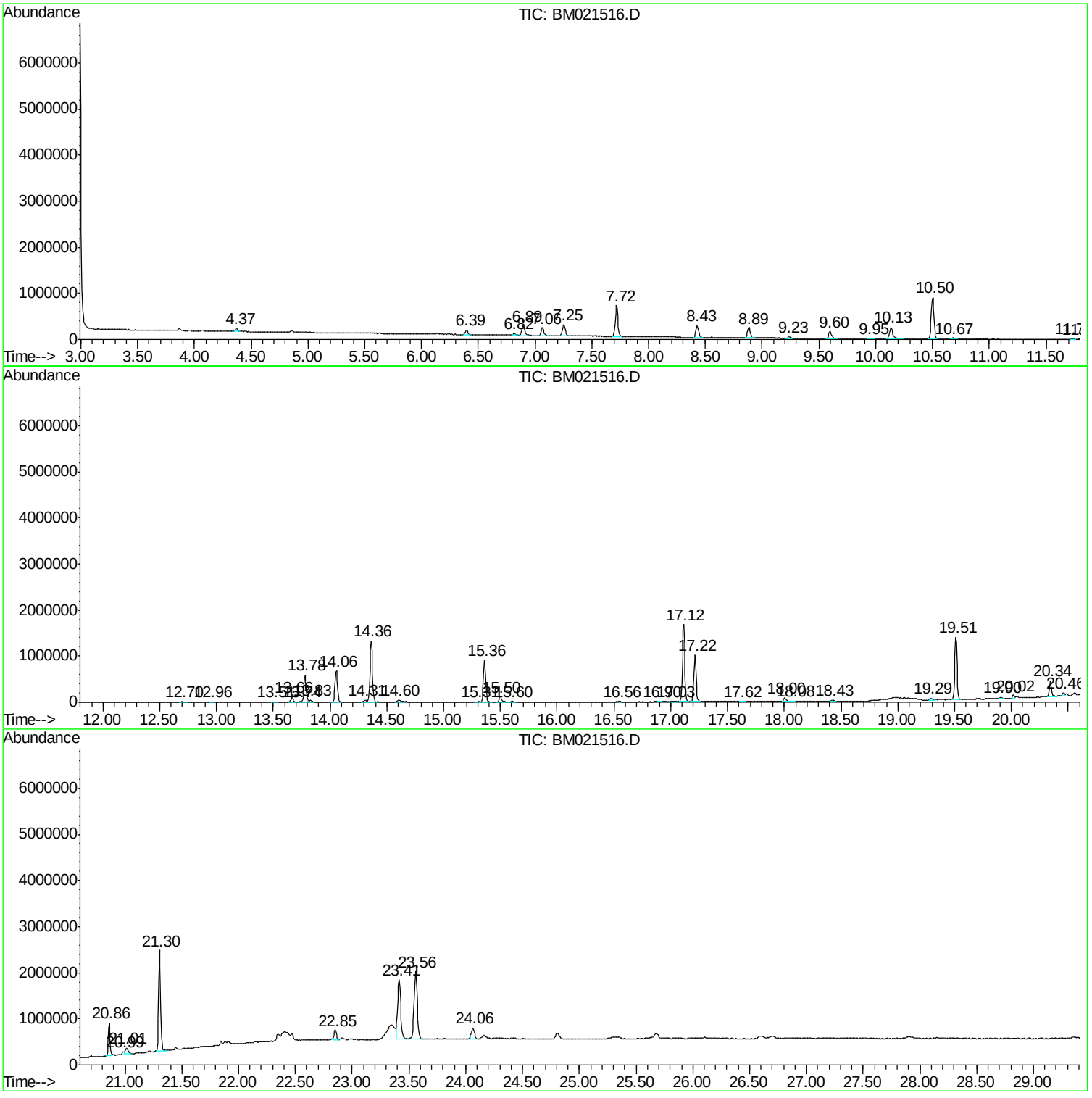
Data File : BM021516.D
Acq On : 18 Jul 2019 08:01
Operator : HP/JU
Sample : K3760-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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\BM071719\
Data File : BM021516.D
Acq On : 18 Jul 2019 08:01
Operator : HP/JU
Sample : K3760-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

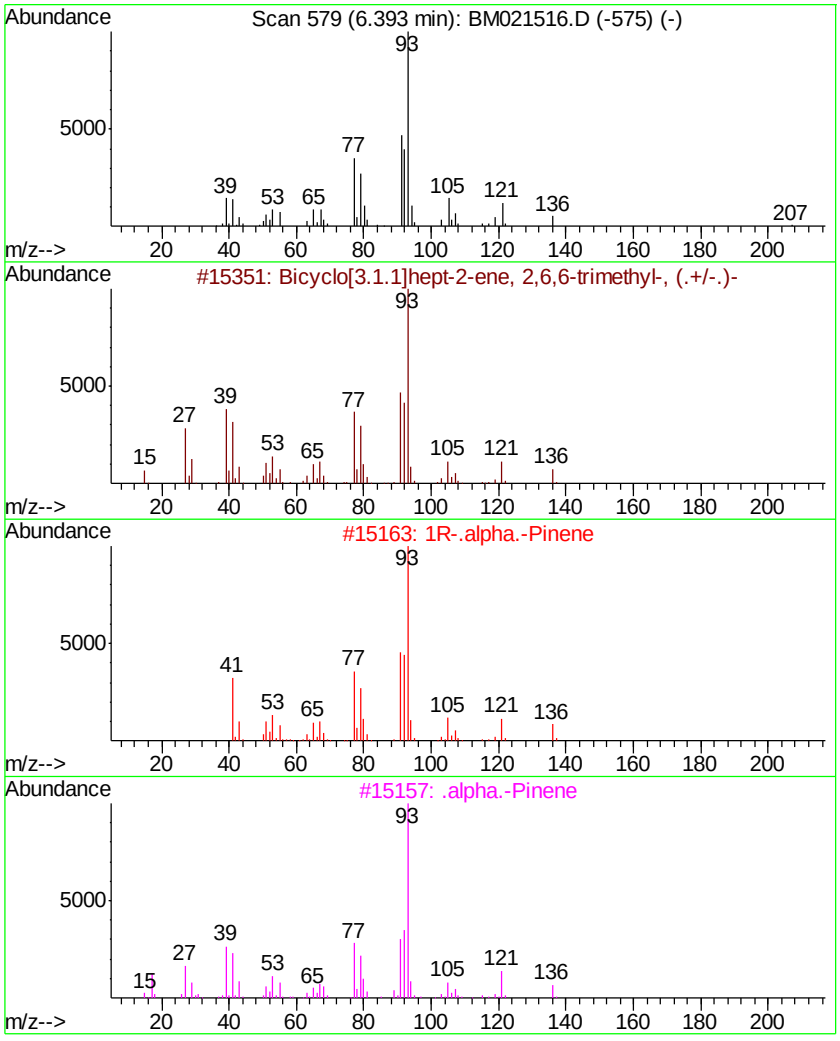
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

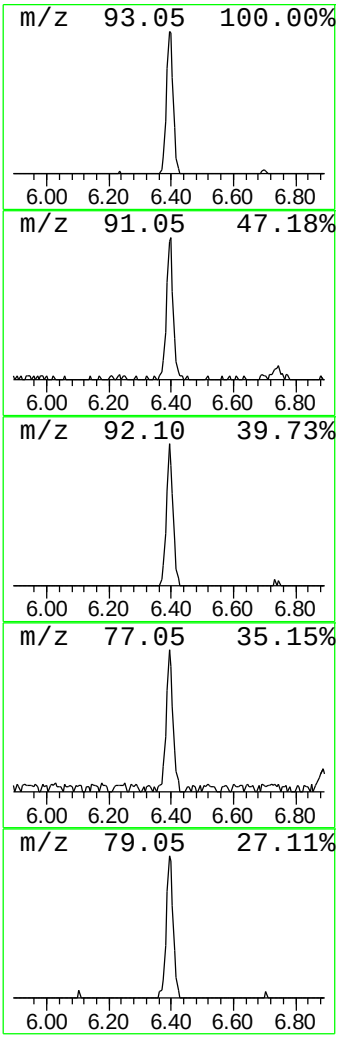
****

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	2.91 ng/ul	157227	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	95
2	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021516.D
Acq On : 18 Jul 2019 08:01
Operator : HP/JU
Sample : K3760-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

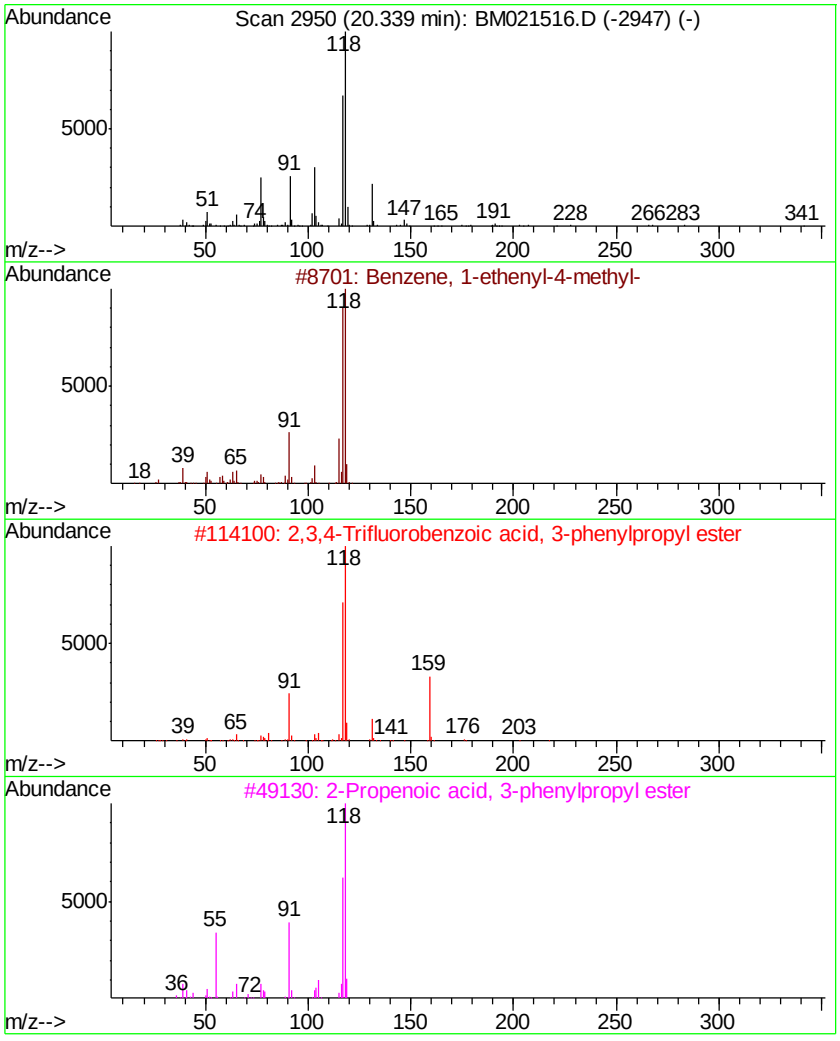
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

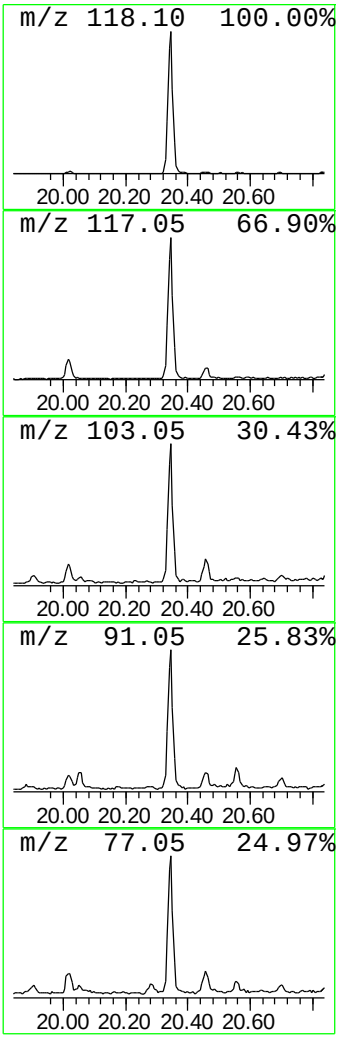
****

Peak Number 2 Benzene, 1-ethenyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.85 ng/ul	401836	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	58
2	2,3,4-Trifluorobenzoic acid, 3-p...	294	C16H13F3O2	1000282-30-3	53
3	2-Propenoic acid, 3-phenylpropyl...	190	C12H14O2	085909-41-7	53
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	53
5	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021516.D
Acq On : 18 Jul 2019 08:01
Operator : HP/JU
Sample : K3760-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

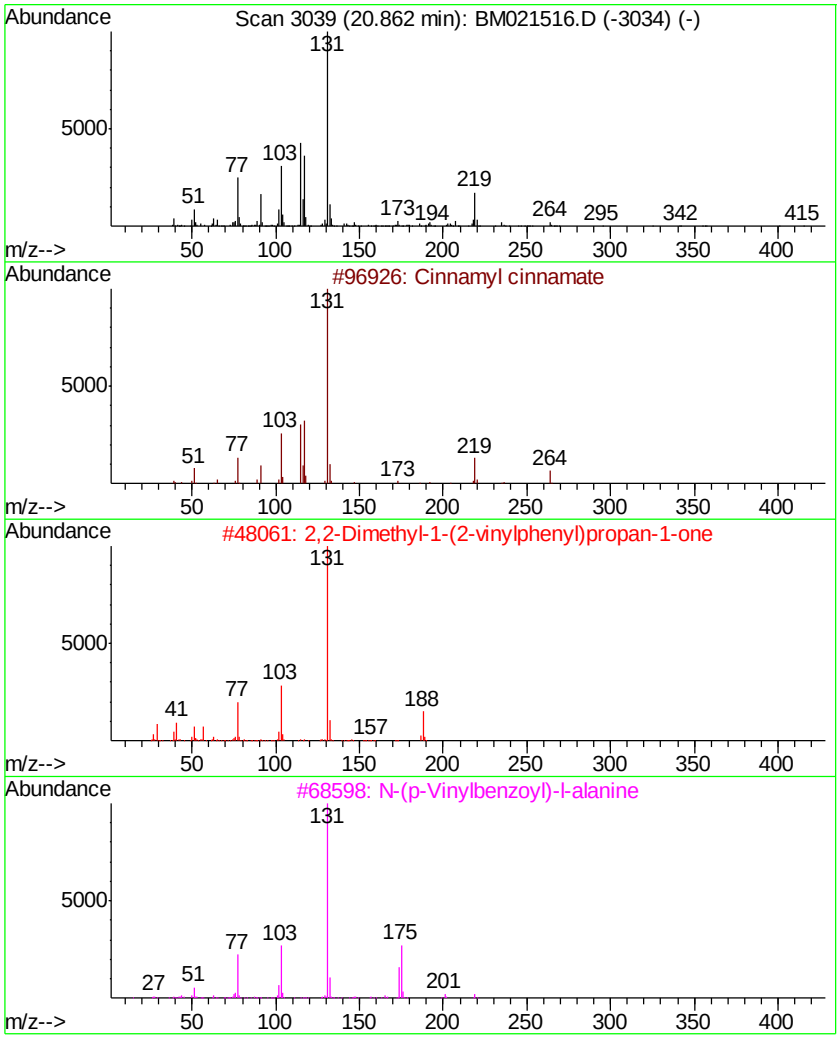
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

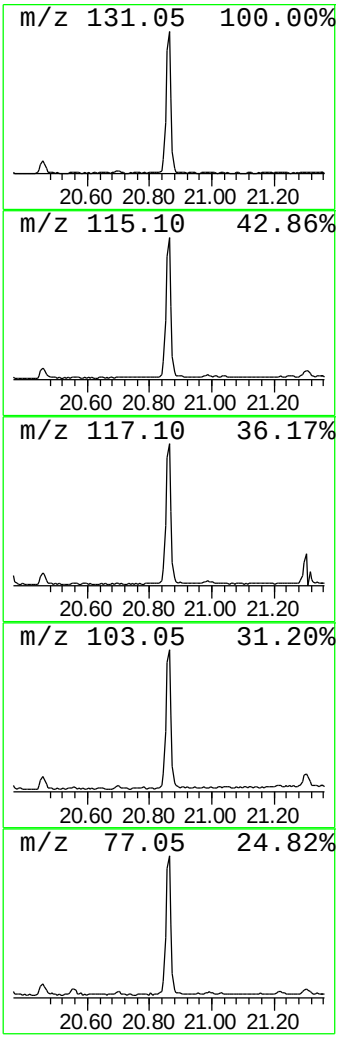
****

Peak Number 3 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.81 ng/ul	817257	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	90
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
4	2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	47
5	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021516.D
Acq On : 18 Jul 2019 08:01
Operator : HP/JU
Sample : K3760-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

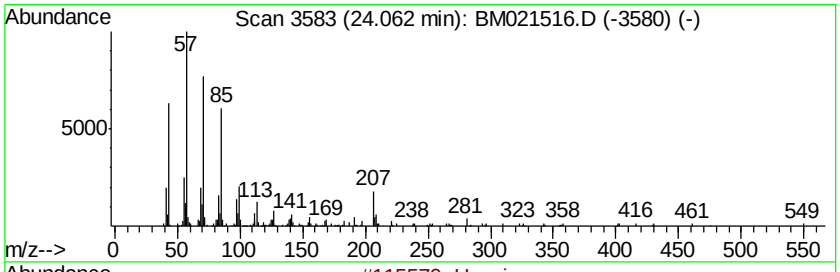
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

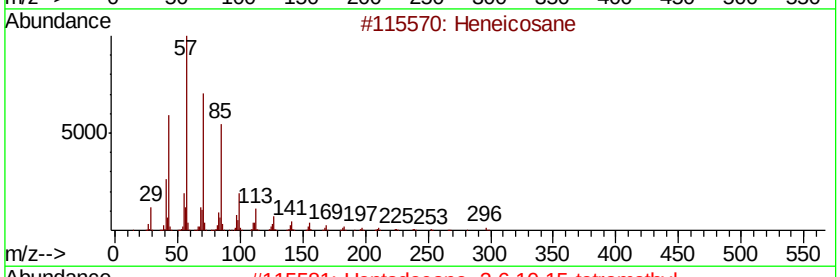
****

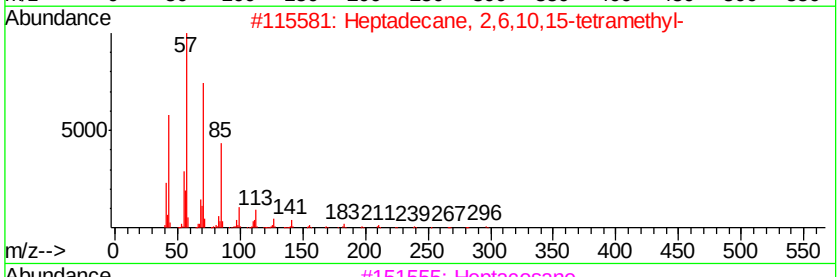
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

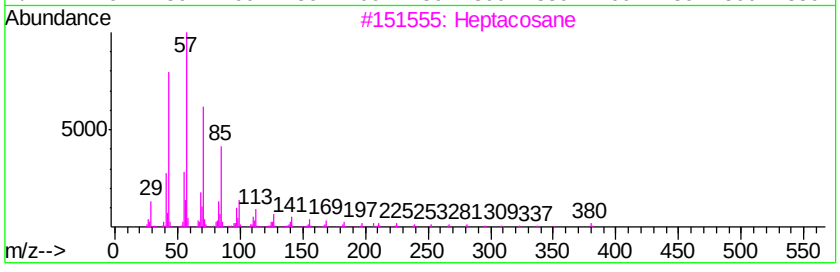
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.88 ng/ul	423644	Perylene-d12	23.56

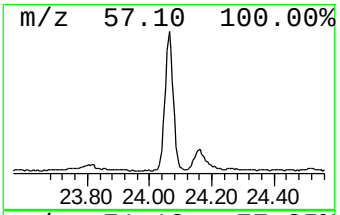
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane	282	C20H42	000112-95-8	83
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	83

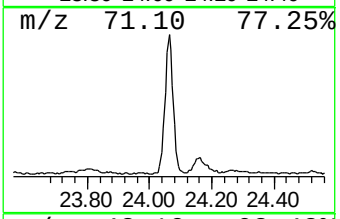


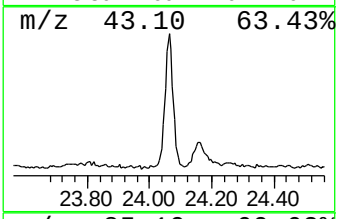


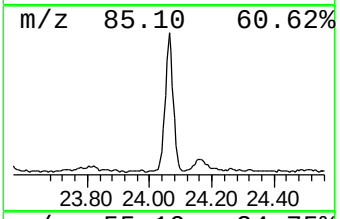


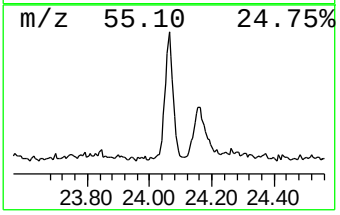












Tentatively Identified Compound (LSC) summary

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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
Bicyclo[3.1.1]hep...	6.39	2.9	ng/ul	157227	1	7.72	1080930	20.0
Benzene, 1-etheny...	20.34	2.9	ng/ul	401836	5	21.30	2815250	20.0
Cinnamyl cinnamate	20.86	5.8	ng/ul	817257	5	21.30	2815250	20.0
(DEL) Alkane: Str...	24.06	2.9	ng/ul	423644	6	23.56	2943680	20.0