LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023092.D
Acq On : 09 Oct 2019 20:20
Operator : JU
Sample : K5096-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

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-BM092719MA.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	3.252	43	45	54	rVB	26770	37107	1.45%	0.140%
2	3.981	165	169	174	rVB	11965	15090	0.59%	0.057%
3	4.646	276	282	291	rBV	38366	62849	2.45%	0.237%
4	4.781	301	305	309	rVB	10835	16318	0.64%	0.061%
5	6.292	559	562	567	rVB4	3665	5396	0.21%	0.020%
6	6.445	585	588	595	rBV3	5855	9657	0.38%	0.036%
7	6.775	640	644	648	rBV4	2228	3935	0.15%	0.015%
8	6.939	664	672	675	rBV2	64303	119632	4.66%	0.451%
9	7.104	693	700	716	rBV	201221	337240	13.14%	1.270%
10	7.304	727	734	743	rBV	245495	377329	14.71%	1.421%
11	7.769	807	813	822	rBV	567589	879806	34.29%	3.313%
12	7.839	822	825	830	rVB	7705	11109	0.43%	0.042%
13	8.022	851	856	859	rBV4	2122	3183	0.12%	0.012%
14	8.216	885	889	892	rBV3	3588	5182	0.20%	0.020%
15	8.475	927	933	938	rBV	175004	276201	10.76%	1.040%
16	8.528	938	942	951	rVV	54493	91413	3.56%	0.344%
17	8.592	951	953	959	rVB3	2263	2821	0.11%	0.011%
18	8.757	972	981	985	rBV6	1735	4376	0.17%	0.016%
19	8.922	1002	1009	1017	rBV	262311	419285	16.34%	1.579%
20	9.169	1045	1051	1054	rBV3	2441	3901	0.15%	0.015%
21	9.363	1079	1084	1090	rVB	11701	17792	0.69%	0.067%
22	9.645	1125	1132	1140	rBV	192686	324069	12.63%	1.220%
23	9.798	1151	1158	1165	rBV	27317	53747	2.09%	0.202%
24	9.992	1186	1191	1195	rBV2	5029	8649	0.34%	0.033%
25	10.180	1216	1223	1232	rBV	332607	551861	21.51%	2.078%
26	10.557	1280	1287	1295	rBV	771596	1262278	49.19%	4.754%
27	10.698	1306	1311	1318	rBV2	9890	16748	0.65%	0.063%
28	11.092	1372	1378	1388	rBV2	6864	14749	0.57%	0.056%
29	11.816	1495	1501	1506	rBV3	6874	14182	0.55%	0.053%
30	11.980	1526	1529	1535	rBV3	1991	3723	0.15%	0.014%
31	12.151	1550	1558	1560	rBV	4041	6952	0.27%	0.026%
32	12.204	1560	1567	1579	rVV	238891	404573	15.77%	1.524%
33	12.374	1588	1596	1613	rVB	191627	353865	13.79%	1.333%
34	13.021	1703	1706	1710	rVB	4234	5600	0.22%	0.021%

LSC Area Percent Report

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Operator : JU
Sample : K5096-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

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-BM092719MA.M
Title : SVOA CALIBRATION

35	13.198	1729	1736	1742	rBV	25500	42896	1.67%	0.162%
36	13.239	1742	1743	1749	rVB2	3379	3491	0.14%	0.013%
37	13.363	1758	1764	1773	rBV	34055	55849	2.18%	0.210%
38	13.816	1835	1841	1845	rBV	637873	854626	33.31%	3.218%
39	13.863	1845	1849	1854	rVB	169039	226956	8.85%	0.855%
40	14.098	1878	1889	1898	rBV	723564	1054694	41.10%	3.972%
41	14.221	1906	1910	1913	rBV2	5216	6729	0.26%	0.025%
42	14.316	1922	1926	1930	rBV2	4227	5425	0.21%	0.020%
43	14.404	1935	1941	1951	rBV	1147236	1684793	65.66%	6.345%
44	14.604	1971	1975	1982	rBV	34950	57595	2.24%	0.217%
45	14.833	2008	2014	2018	rBV3	18598	29308	1.14%	0.110%
46	14.986	2036	2040	2050	rVB4	8140	14087	0.55%	0.053%
47	15.215	2073	2079	2084	rBV4	4644	8007	0.31%	0.030%
48	15.268	2084	2088	2092	rVB	5098	6900	0.27%	0.026%
49	15.398	2104	2110	2119	rBV	975703	1351252	52.66%	5.089%
50	15.515	2125	2130	2138	rBV	215380	295463	11.51%	1.113%
51	15.586	2138	2142	2148	rVV5	3559	8246	0.32%	0.031%
52	15.633	2148	2150	2154	rVV	8753	11211	0.44%	0.042%
53	15.674	2154	2157	2162	rVB3	5137	6001	0.23%	0.023%
54	16.039	2216	2219	2222	rBV3	5202	6216	0.24%	0.023%
55	16.127	2231	2234	2238	rBV4	3668	5603	0.22%	0.021%
56	16.180	2241	2243	2247	rVB3	3675	3706	0.14%	0.014%
57	16.386	2275	2278	2284	rVB5	2632	4935	0.19%	0.019%
58	16.645	2317	2322	2334	rBV	195947	306754	11.95%	1.155%
59	16.804	2347	2349	2355	rVB5	4870	6329	0.25%	0.024%
60	16.927	2364	2370	2377	rVV5	7005	16371	0.64%	0.062%
61	17.145	2401	2407	2413	rBV2	1463692	1996504	77.81%	7.519%
62	17.198	2413	2416	2418	rVV	24686	29705	1.16%	0.112%
63	17.245	2418	2424	2430	rVB	1022453	1444115	56.28%	5.438%
64	17.356	2438	2443	2449	rBV9	9164	23159	0.90%	0.087%
65	17.521	2467	2471	2477	rBV3	13002	19577	0.76%	0.074%
66	17.656	2490	2494	2496	rBV4	5109	4809	0.19%	0.018%
67	18.045	2555	2560	2568	rBV	226119	324858	12.66%	1.223%
68	18.851	2694	2697	2698	rBV3	5733	5372	0.21%	0.020%
69	18.986	2716	2720	2726	rBV8	8739	18593	0.72%	0.070%
70	19.174	2749	2752	2756	rBV2	11927	15279	0.60%	0.058%
71	19.327	2774	2778	2789	rBV3	61820	97538	3.80%	0.367%

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Instrument : BNA_M
ClientSampleId : JLMJ5

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	19.539	2808	2814	2820	rBV	1425257	1842067	71.79%	6.937%
73	21.044	3066	3070	3077	rBV2	422040	570930	22.25%	2.150%
74	21.327	3113	3118	3125	rBV	1939874	2431669	94.77%	9.157%
75	21.486	3143	3145	3149	rVB	83295	85149	3.32%	0.321%
76	21.927	3216	3220	3230	rBV	165686	244652	9.53%	0.921%
77	22.386	3295	3298	3303	rVB	243580	300733	11.72%	1.133%
78	22.897	3382	3385	3390	rVB	279836	379349	14.78%	1.429%
79	23.433	3470	3476	3480	rBV	1045442	1920302	74.84%	7.232%
80	23.580	3494	3501	3514	rVB	1364655	2565924	100.00%	9.663%
81	24.127	3589	3594	3603	rVB	237596	439615	17.13%	1.656%

Sum of corrected areas: 26553960

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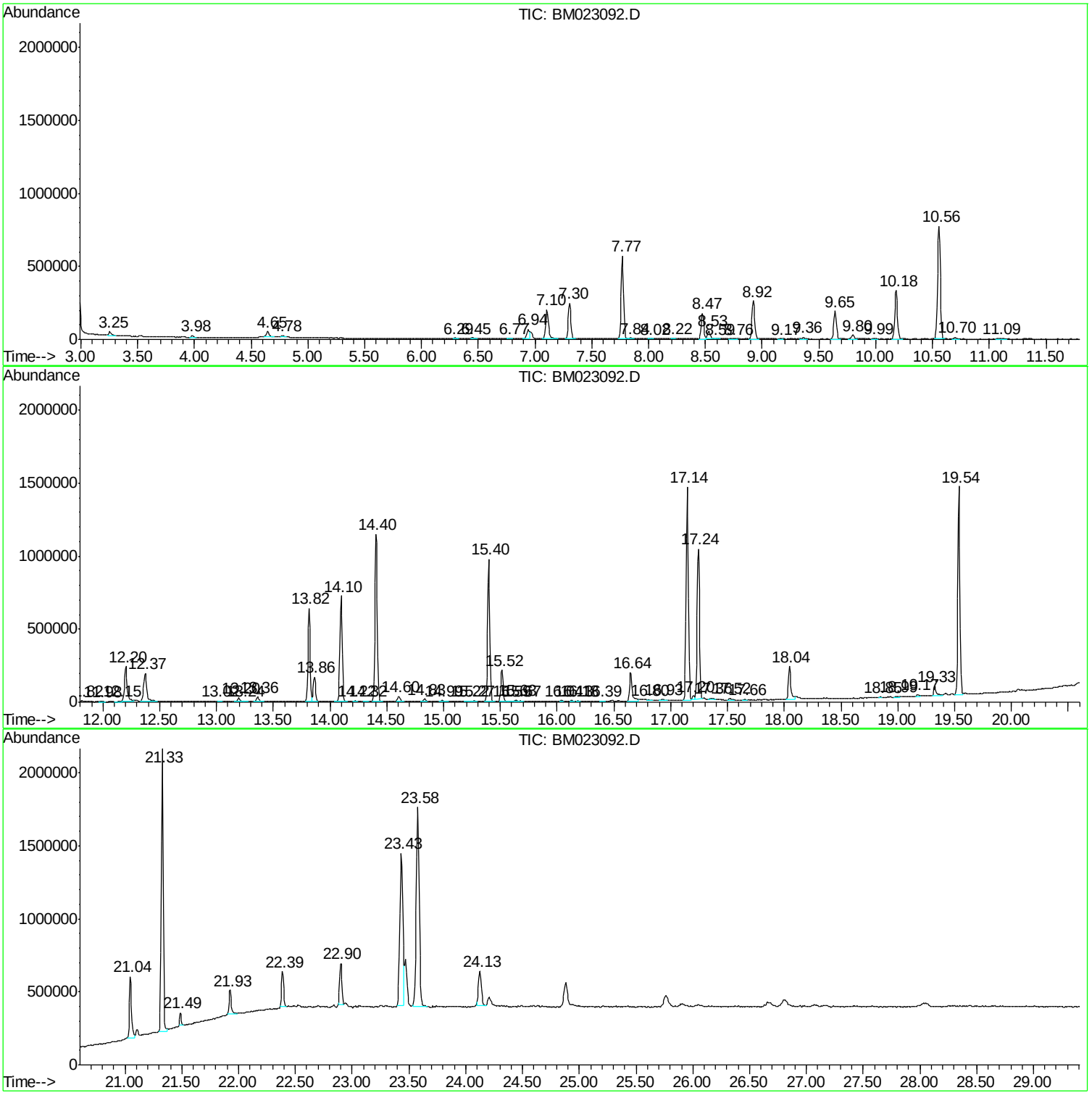
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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\BM100819\
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Sample : K5096-09
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

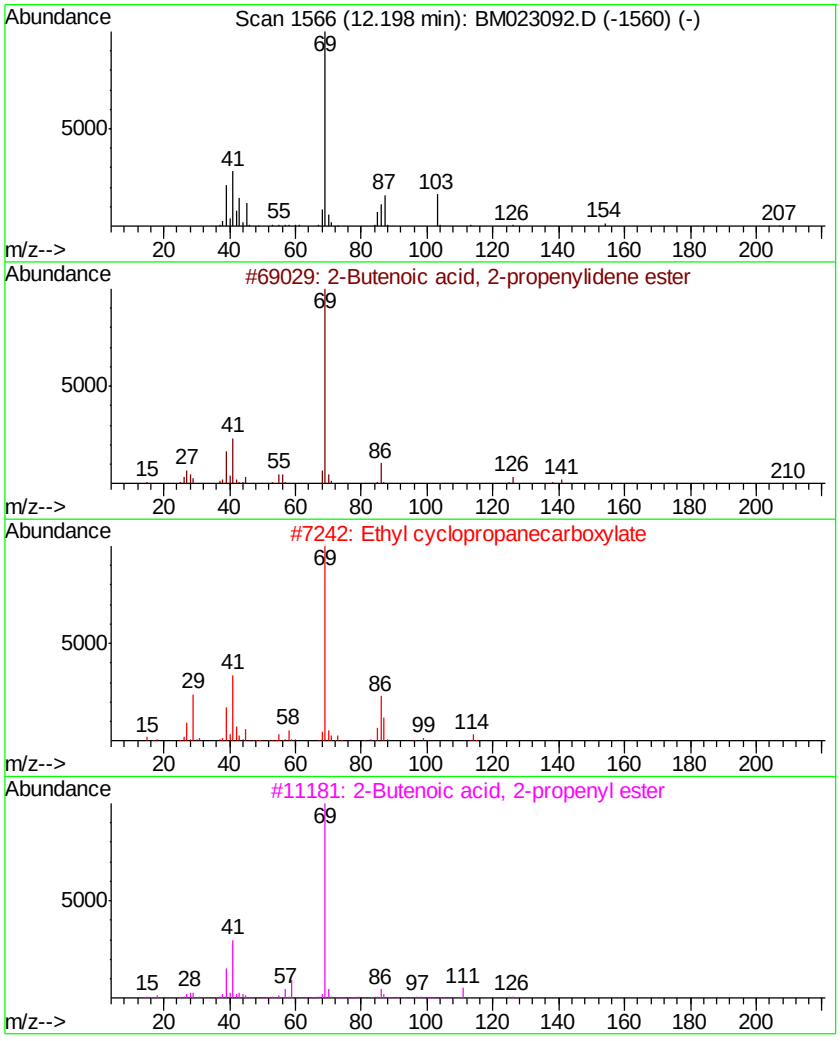
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

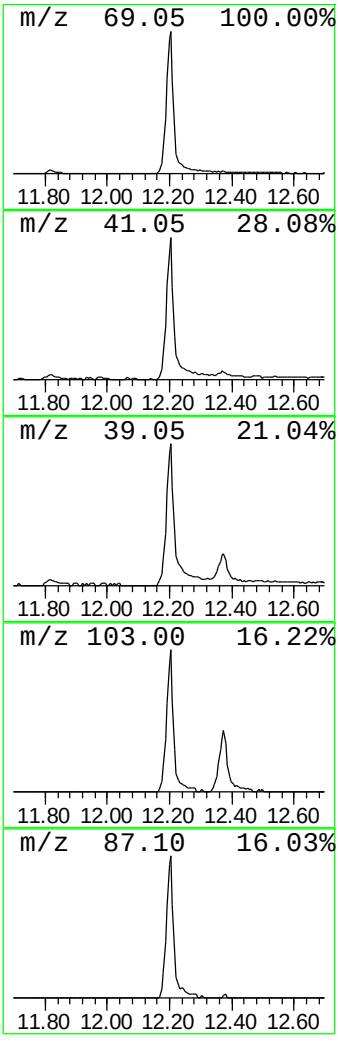
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	6.41 ng/ul	404573	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	45
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	40
3	2-Butenoic acid, 2-propenyl ester	126	C7H10O2	020474-93-5	40
4	Oxazole	69	C3H3NO	000288-42-6	9
5	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	9





Library Search Compound Report

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Operator : JU
Sample : K5096-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

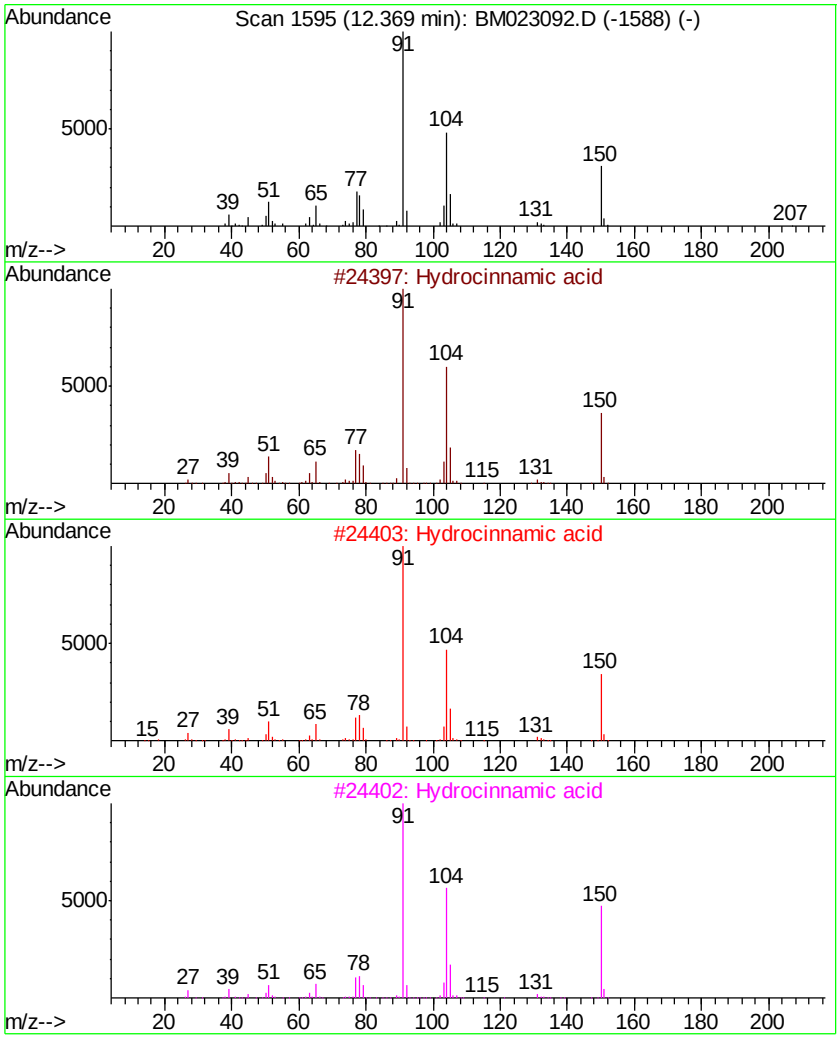
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

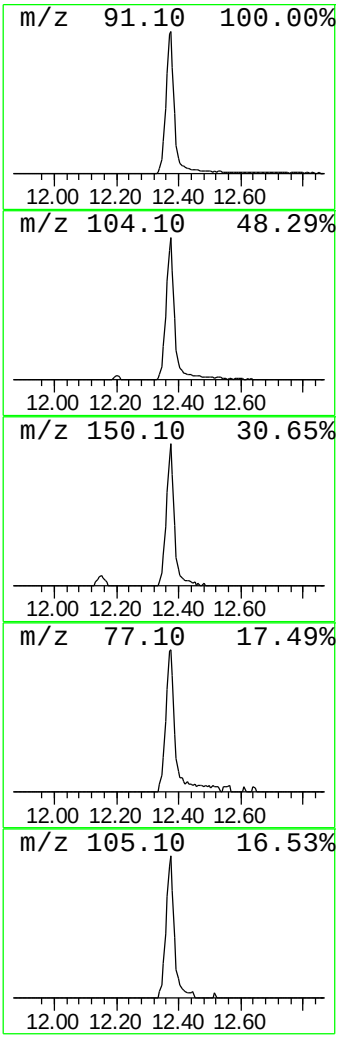
****

Peak Number 2 Hydrocinnamic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.61 ng/ul	353865	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	94
4	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	83





Library Search Compound Report

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Data File : BM023092.D
Acq On : 09 Oct 2019 20:20
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

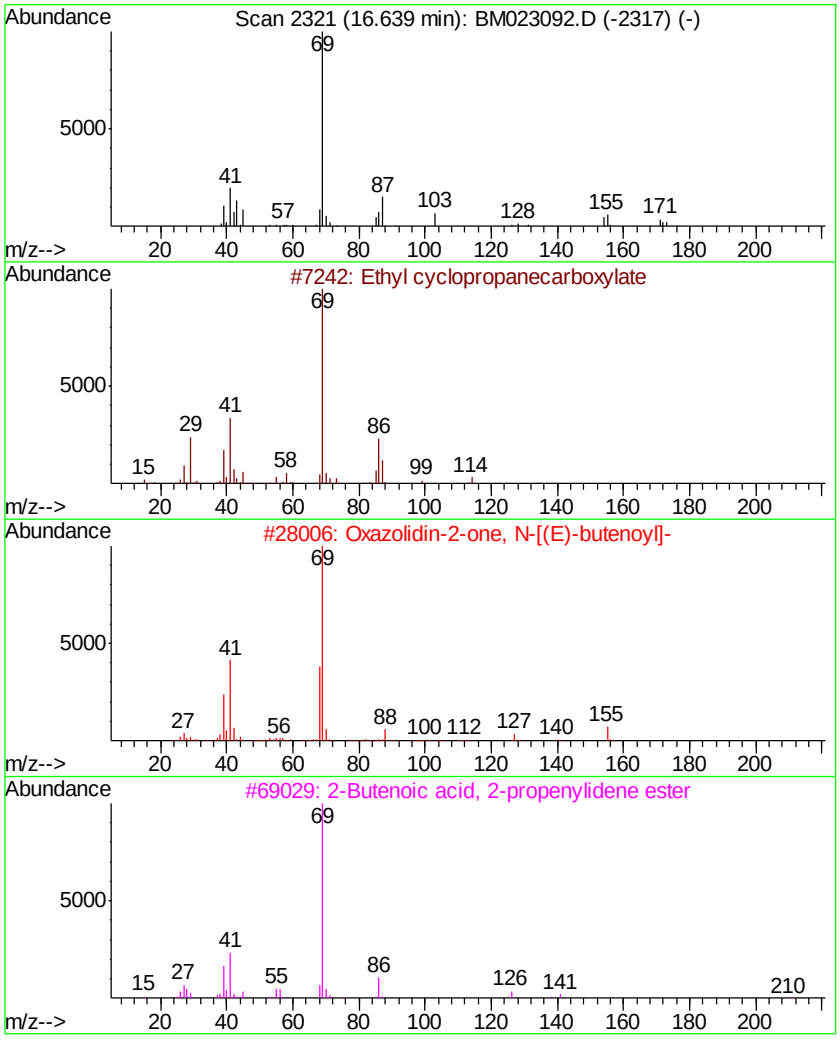
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

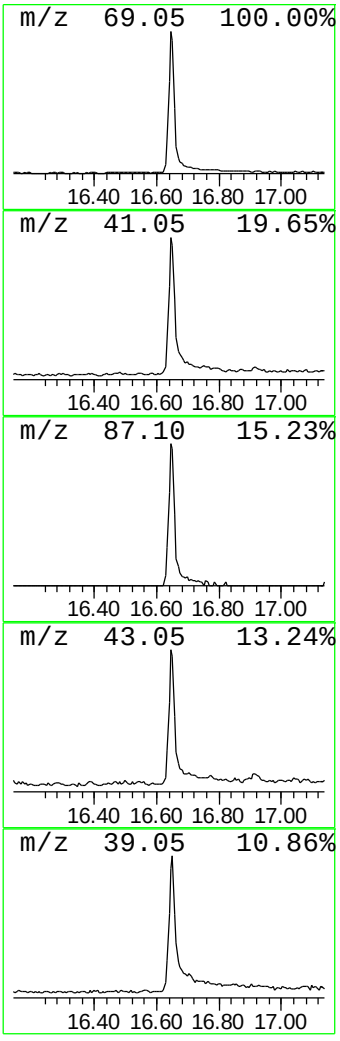
****

Peak Number 3 Ethyl cyclopropanecarboxylate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	3.07 ng/ul	306754	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	50
2	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1000156-45-5	50
3	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	33
4	Oxazolidin-2-one, N-[(Z)-butenoyl]-	155	C7H9NO3	1000156-45-4	9
5	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	9





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Instrument : BNA_M
ClientSampleId : JLMJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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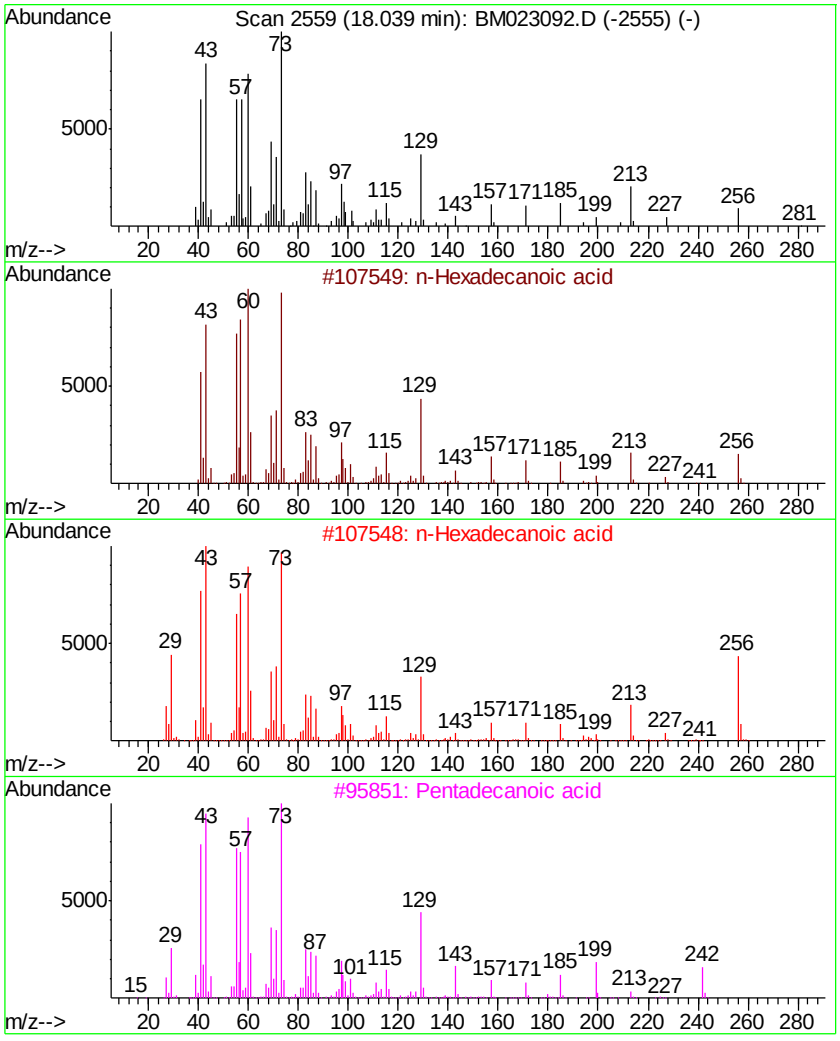
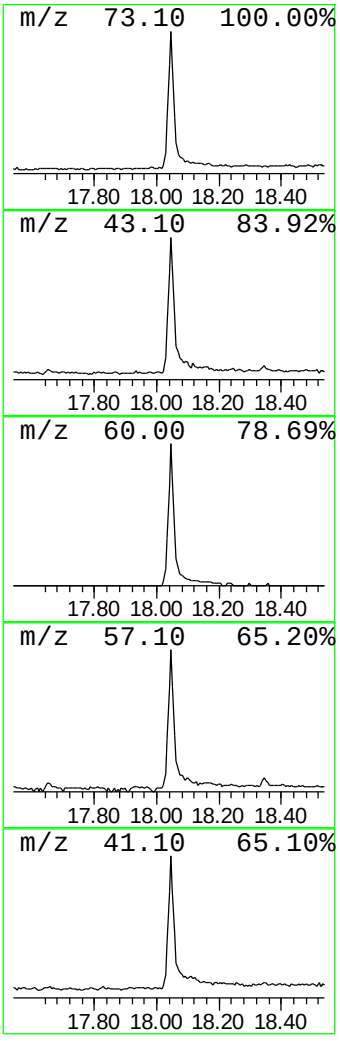
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.25 ng/ul	324858	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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ClientSampleId : JLMJ5

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Quant Title : SVOA CALIBRATION

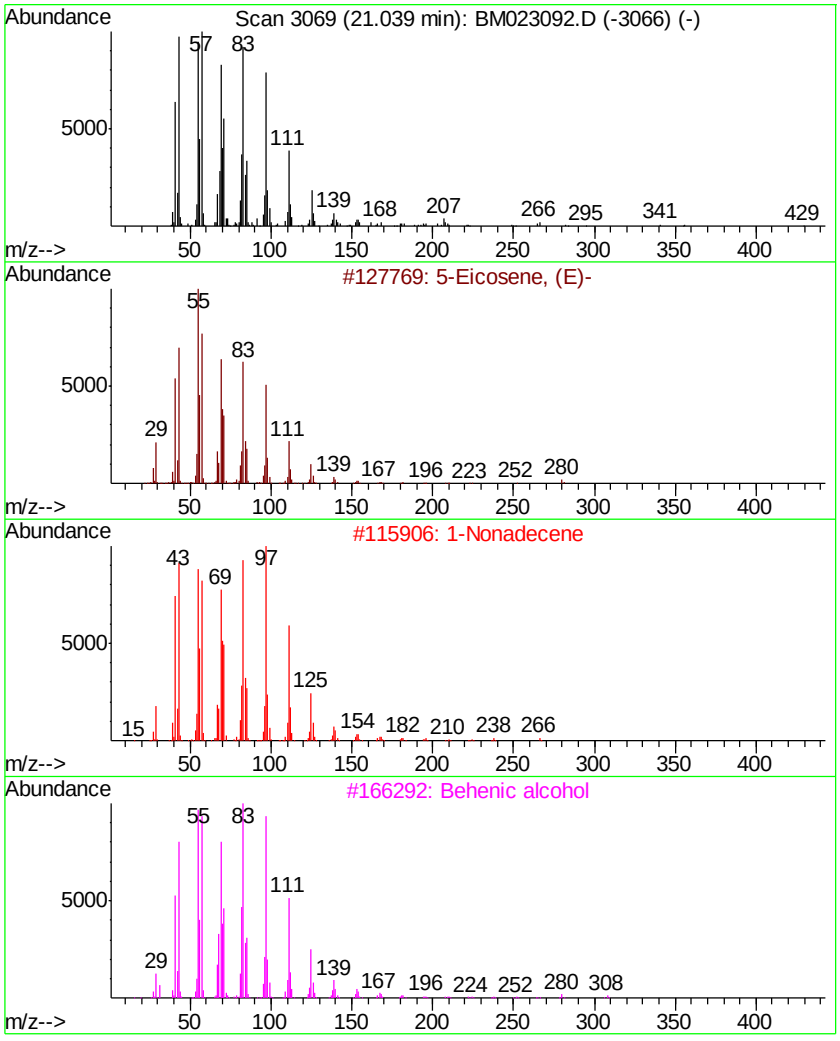
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

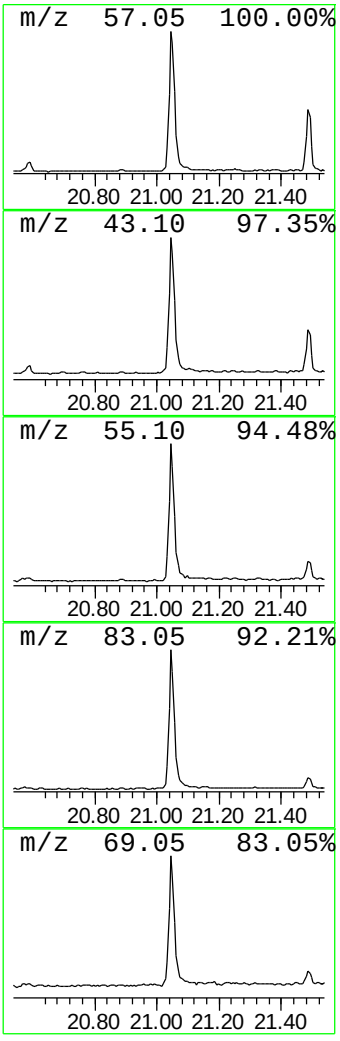
****

Peak Number 5 (DEL) Alkane: Cyclic21.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.70 ng/ul	570930	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Nonadecene	266	C19H38	018435-45-5	98
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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Data File : BM023092.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

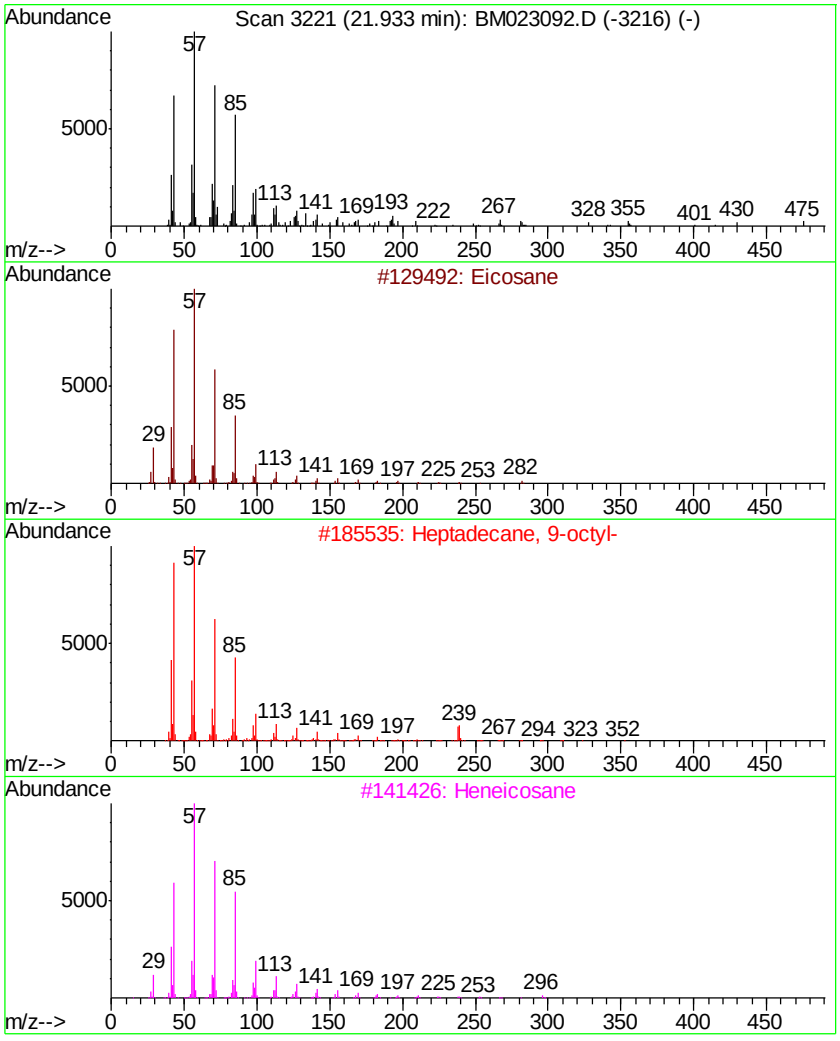
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

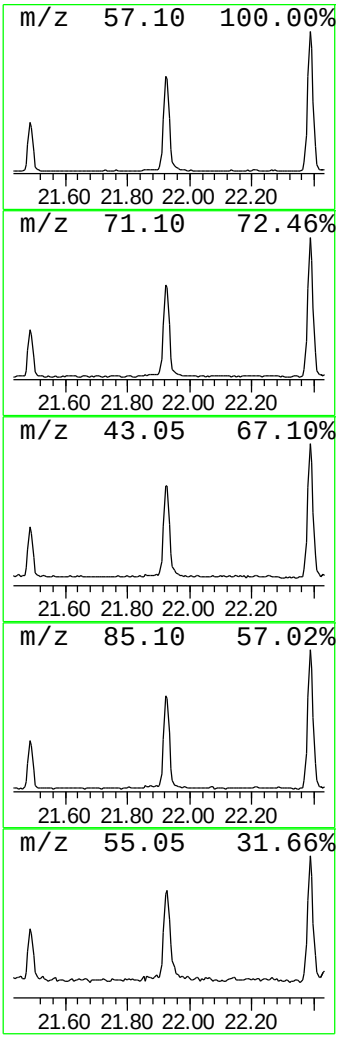
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.01 ng/ul	244652	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Acq On : 09 Oct 2019 20:20
Operator : JU
Sample : K5096-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

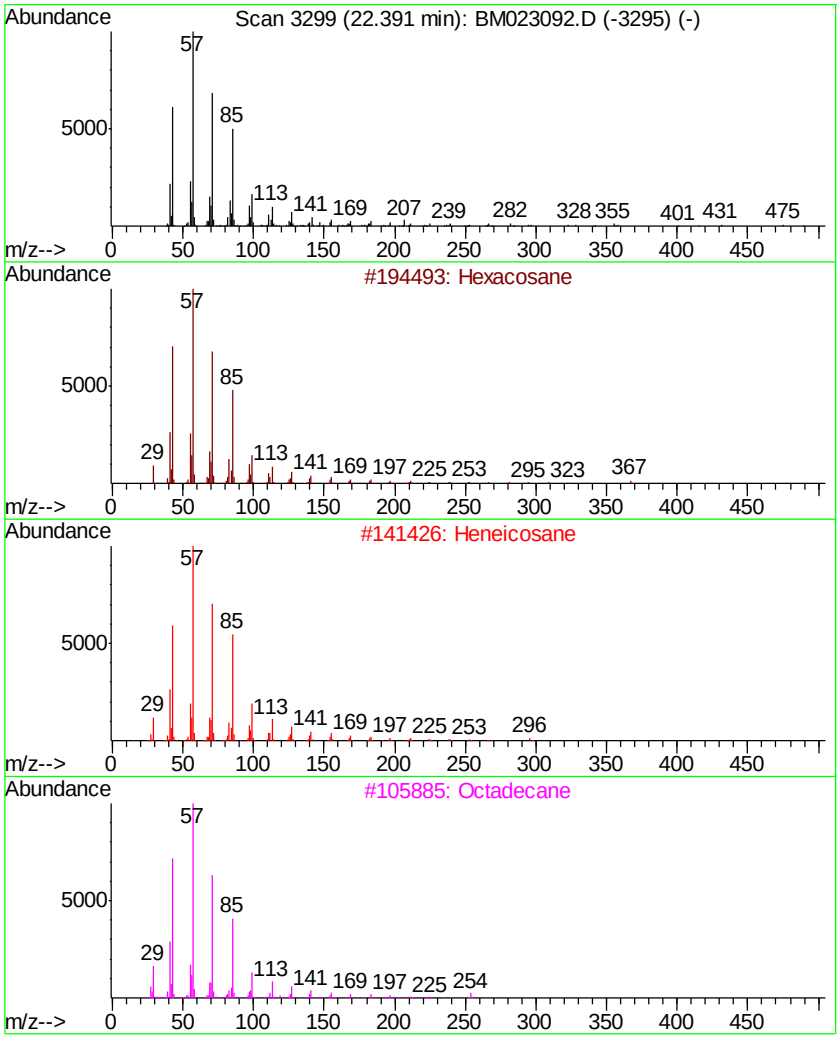
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

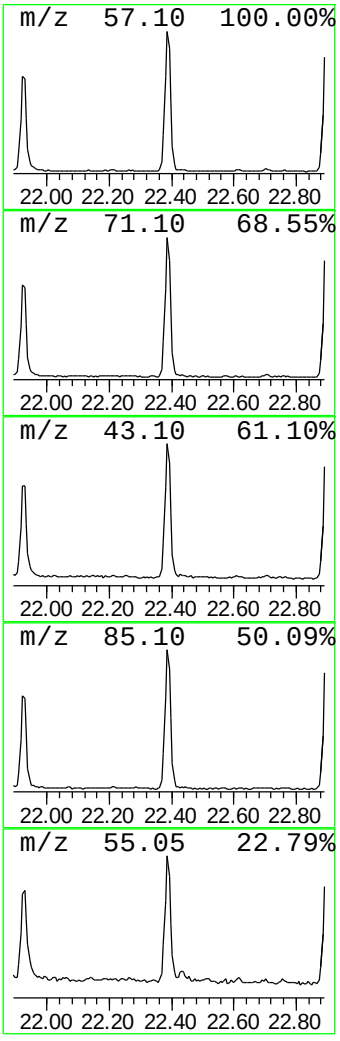
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.47 ng/ul	300733	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023092.D
Acq On : 09 Oct 2019 20:20
Operator : JU
Sample : K5096-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

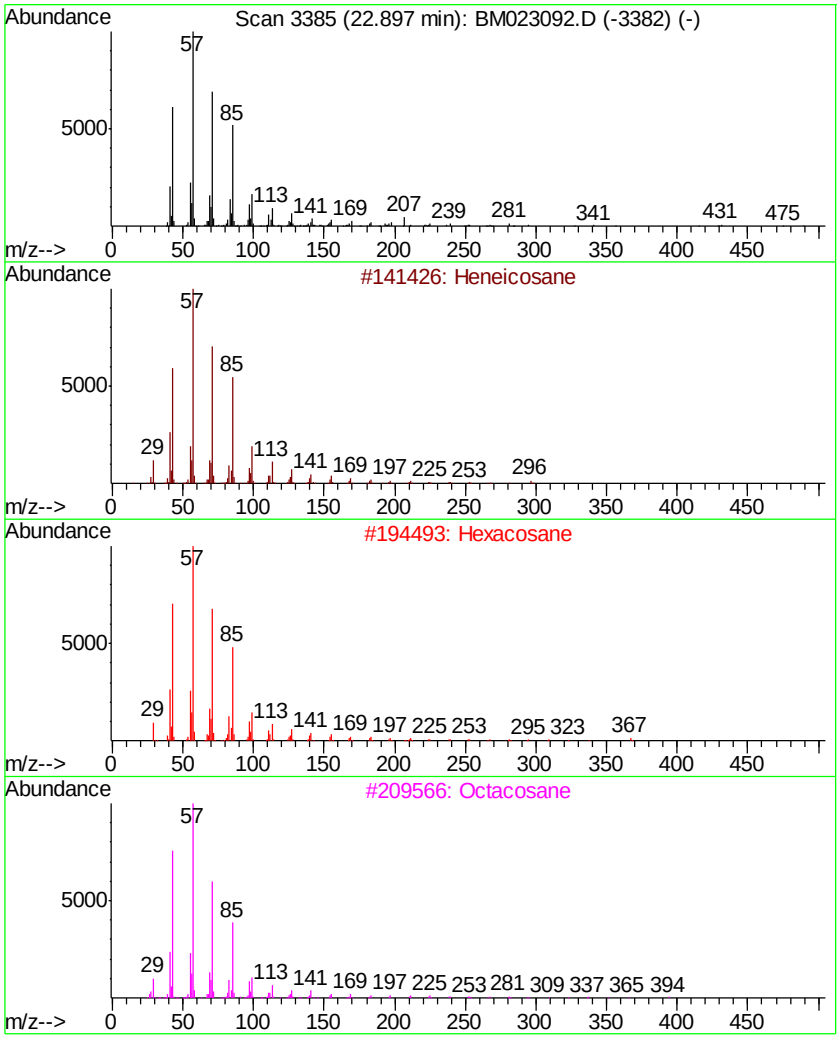
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

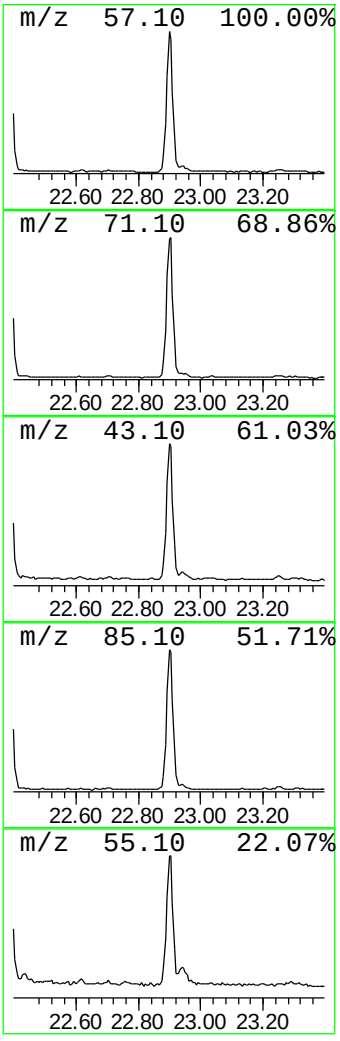
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.96 ng/ul	379349	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023092.D
Acq On : 09 Oct 2019 20:20
Operator : JU
Sample : K5096-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

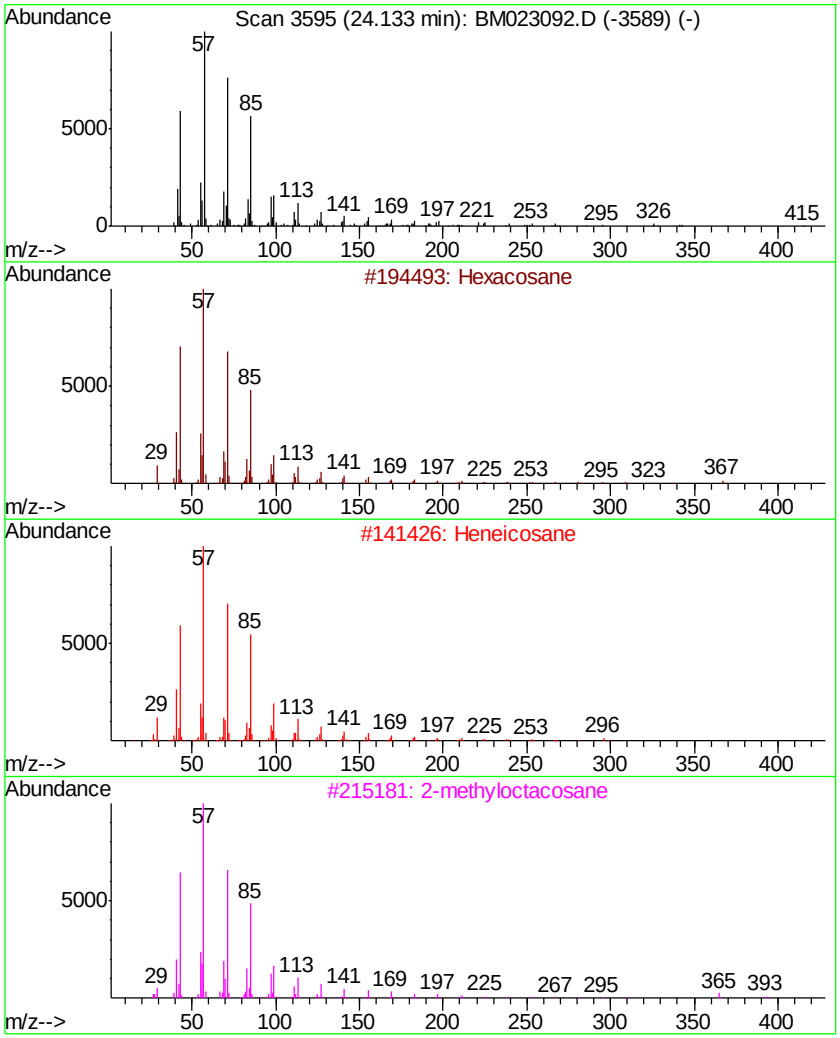
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

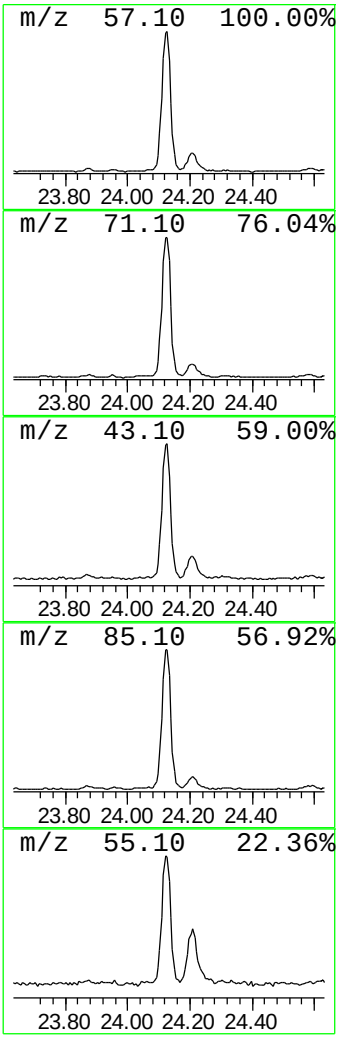
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.43 ng/ul	439615	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023092.D
Acq On : 09 Oct 2019 20:20
Operator : JU
Sample : K5096-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
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
unknown-01	12.20	6.4	ng/ul	404573	2	10.56	1262280	20.0
Hydrocinnamic acid	12.37	5.6	ng/ul	353865	2	10.56	1262280	20.0
Ethyl cyclopropan...	16.64	3.1	ng/ul	306754	4	17.14	1996500	20.0
n-Hexadecanoic acid	18.04	3.3	ng/ul	324858	4	17.14	1996500	20.0
(DEL) Alkane: Cyc...	21.04	4.7	ng/ul	570930	5	21.33	2431670	20.0
(DEL) Alkane: Str...	21.93	2.0	ng/ul	244652	5	21.33	2431670	20.0
(DEL) Alkane: Str...	22.39	2.5	ng/ul	300733	5	21.33	2431670	20.0
(DEL) Alkane: Str...	22.90	3.0	ng/ul	379349	6	23.58	2565920	20.0
(DEL) Alkane: Str...	24.13	3.4	ng/ul	439615	6	23.58	2565920	20.0