LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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	3.063	11	13	21	rVB	21594	29371	0.92%	0.063%
2	3.146	25	27	40	rVB2	25028	51582	1.61%	0.110%
3	3.257	43	46	47	rBV	53695	56809	1.77%	0.121%
4	3.287	47	51	66	rVB	1276000	1611102	50.33%	3.446%
5	3.652	109	113	119	rVB	40784	56145	1.75%	0.120%
6	3.710	119	123	133	rBV	141233	170163	5.32%	0.364%
7	3.969	163	167	176	rVB2	44280	71200	2.22%	0.152%
8	4.134	191	195	203	rVB	19567	31171	0.97%	0.067%
9	4.246	209	214	222	rBV	301693	379341	11.85%	0.811%
10	4.316	222	226	240	rVV2	32908	55981	1.75%	0.120%
11	4.422	240	244	252	rVV	404698	523807	16.36%	1.120%
12	4.493	252	256	264	rVB	20383	32146	1.00%	0.069%
13	4.875	314	321	333	rBV	500233	660785	20.64%	1.413%
14	5.451	411	419	425	rVB	22380	43963	1.37%	0.094%
15	5.740	463	468	474	rBV	66337	96105	3.00%	0.206%
16	5.798	474	478	482	rVV	21897	31379	0.98%	0.067%
17	6.763	635	642	650	rBV	37177	69258	2.16%	0.148%
18	6.940	664	672	680	rVV3	157150	337366	10.54%	0.722%
19	7.104	694	700	707	rBV	374527	617523	19.29%	1.321%
20	7.169	707	711	717	rVB	42819	68256	2.13%	0.146%
21	7.304	727	734	744	rVB	466691	740586	23.13%	1.584%
22	7.428	748	755	761	rVB	198831	307580	9.61%	0.658%
23	7.775	806	814	821	rBV	650088	1050147	32.80%	2.246%
24	7.845	821	826	829	rVV	40977	62763	1.96%	0.134%
25	7.892	829	834	841	rVB2	70885	125863	3.93%	0.269%
26	8.145	869	877	884	rVB2	81562	147584	4.61%	0.316%
27	8.269	892	898	902	rBV2	20001	30218	0.94%	0.065%
28	8.416	918	923	927	rBV2	31783	51224	1.60%	0.110%
29	8.475	927	933	942	rVV	377924	600111	18.75%	1.283%
30	8.581	946	951	960	rVB2	17584	40747	1.27%	0.087%
31	8.728	970	976	980	rBV	31492	47944	1.50%	0.103%
32	8.775	980	984	990	rVB	27868	40971	1.28%	0.088%
33	8.875	995	1001	1005	rVV	90993	146651	4.58%	0.314%
34	8.928	1005	1010	1022	rVV	473809	874910	27.33%	1.871%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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	9.398	1086	1090	1095	rVV	61267	89885	2.81%	0.192%
36	9.457	1095	1100	1108	rVB	74167	111283	3.48%	0.238%
37	9.645	1125	1132	1140	rBV	403977	663671	20.73%	1.419%
38	9.816	1156	1161	1168	rVB	47687	75099	2.35%	0.161%
39	9.969	1177	1187	1194	rBV3	126798	239261	7.47%	0.512%
40	10.181	1216	1223	1231	rVV	654787	1098745	34.32%	2.350%
41	10.563	1278	1288	1292	rVV	910283	1549695	48.41%	3.314%
42	10.610	1292	1296	1303	rVB	259626	433887	13.55%	0.928%
43	10.698	1303	1311	1322	rBV	438729	812391	25.38%	1.737%
44	11.480	1439	1444	1449	rVB	18641	30438	0.95%	0.065%
45	11.757	1486	1491	1499	rVB2	17031	31017	0.97%	0.066%
46	11.904	1507	1516	1521	rBV3	36696	74754	2.34%	0.160%
47	12.227	1564	1571	1580	rVV	221415	367783	11.49%	0.787%
48	12.445	1597	1608	1614	rVV	230698	376629	11.77%	0.806%
49	13.251	1741	1745	1749	rVV	25962	33903	1.06%	0.073%
50	13.327	1753	1758	1764	rBV	62635	101621	3.17%	0.217%
51	13.439	1771	1777	1779	rBV	21694	34940	1.09%	0.075%
52	13.463	1779	1781	1786	rVB2	28787	33217	1.04%	0.071%
53	13.586	1796	1802	1806	rVB4	38047	81559	2.55%	0.174%
54	13.727	1821	1826	1832	rBV	74574	143687	4.49%	0.307%
55	13.786	1832	1836	1837	rVV	52364	72351	2.26%	0.155%
56	13.816	1837	1841	1846	rVV	1111243	1573193	49.14%	3.365%
57	13.863	1846	1849	1861	rVB	224428	323802	10.12%	0.693%
58	13.969	1861	1867	1870	rBV	38077	60286	1.88%	0.129%
59	14.004	1870	1873	1879	rVB4	20092	33413	1.04%	0.071%
60	14.104	1879	1890	1899	rBV	1274248	1994326	62.30%	4.265%
61	14.410	1932	1942	1949	rBV2	1356371	2069645	64.65%	4.426%
62	14.474	1949	1953	1960	rVB	126368	200366	6.26%	0.429%
63	14.604	1968	1975	1982	rBV	99844	186098	5.81%	0.398%
64	14.804	2005	2009	2011	rBV2	35607	49055	1.53%	0.105%
65	14.886	2019	2023	2027	rVB3	20349	29144	0.91%	0.062%
66	15.033	2041	2048	2052	rVB5	17960	36727	1.15%	0.079%
67	15.180	2067	2073	2080	rBV4	37171	95947	3.00%	0.205%
68	15.298	2089	2093	2097	rVB3	18474	29152	0.91%	0.062%
69	15.404	2102	2111	2116	rBV	1653784	2412377	75.36%	5.159%
70	15.457	2116	2120	2125	rVB2	68883	103793	3.24%	0.222%
71	15.515	2125	2130	2138	rBV	465976	637488	19.91%	1.363%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

72	15.633	2145	2150	2154	rBV2	43586	69031	2.16%	0.148%
73	15.910	2193	2197	2204	rVB2	48961	85537	2.67%	0.183%
74	16.133	2231	2235	2241	rVB9	20140	33473	1.05%	0.072%
75	16.421	2279	2284	2287	rBV	21232	38367	1.20%	0.082%
76	16.539	2301	2304	2312	rVB5	31995	64412	2.01%	0.138%
77	16.968	2373	2377	2382	rVB	18272	29052	0.91%	0.062%
78	17.151	2401	2408	2412	rBV2	1556763	2142333	66.92%	4.582%
79	17.192	2412	2415	2419	rVV	133052	178589	5.58%	0.382%
80	17.245	2419	2424	2436	rVB	1770287	2568103	80.22%	5.493%
81	17.392	2444	2449	2453	rBV3	21706	28791	0.90%	0.062%
82	17.551	2472	2476	2479	rVV	24848	37251	1.16%	0.080%
83	18.051	2553	2561	2571	rBV	815553	1189496	37.16%	2.544%
84	18.215	2584	2589	2593	rVV4	32955	61661	1.93%	0.132%
85	19.180	2749	2753	2755	rBV2	33480	51099	1.60%	0.109%
86	19.203	2755	2757	2765	rVB	51567	71609	2.24%	0.153%
87	19.333	2774	2779	2792	rBV	510643	765694	23.92%	1.638%
88	19.427	2792	2795	2802	rVB	29268	53440	1.67%	0.114%
89	19.539	2808	2814	2819	rBV	2128929	3027641	94.58%	6.475%
90	19.580	2819	2821	2828	rVB	216878	293066	9.15%	0.627%
91	20.574	2987	2990	2991	rBV2	34012	37055	1.16%	0.079%
92	21.050	3067	3071	3077	rBV	289230	389527	12.17%	0.833%
93	21.327	3113	3118	3124	rBV	1987803	2429205	75.88%	5.195%
94	21.486	3143	3145	3149	rVB	102279	102717	3.21%	0.220%
95	21.921	3216	3219	3225	rBV	184584	244728	7.64%	0.523%
96	22.386	3295	3298	3305	rVB	282625	368629	11.52%	0.788%
97	22.897	3381	3385	3391	rVB	335378	488738	15.27%	1.045%
98	23.439	3470	3477	3481	rBV	1697389	3201200	100.00%	6.847%
99	23.580	3494	3501	3509	rVB	1327296	2580323	80.60%	5.519%
100	24.127	3589	3594	3603	rVB	295051	574283	17.94%	1.228%

Sum of corrected areas: 46756430

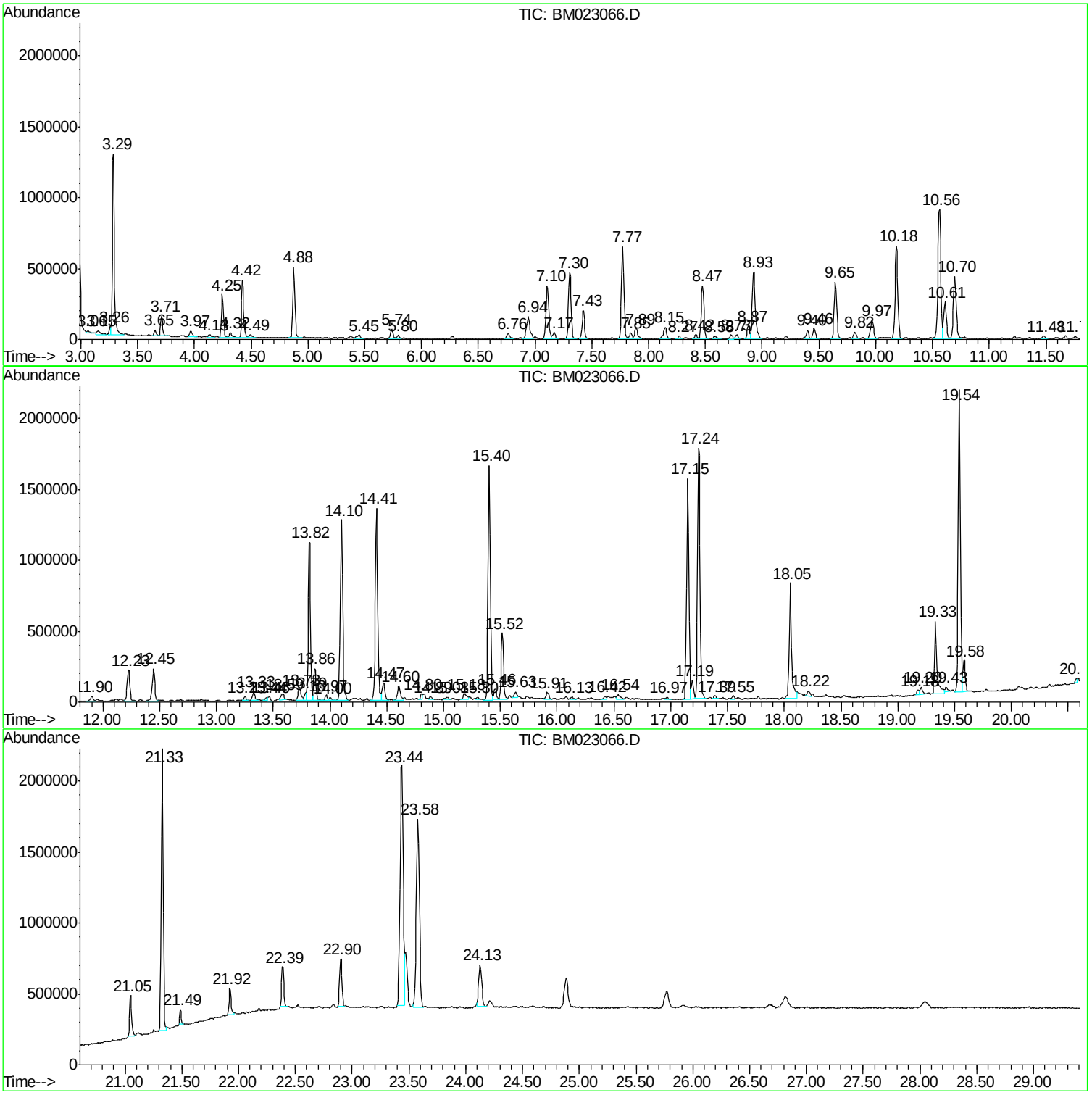
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

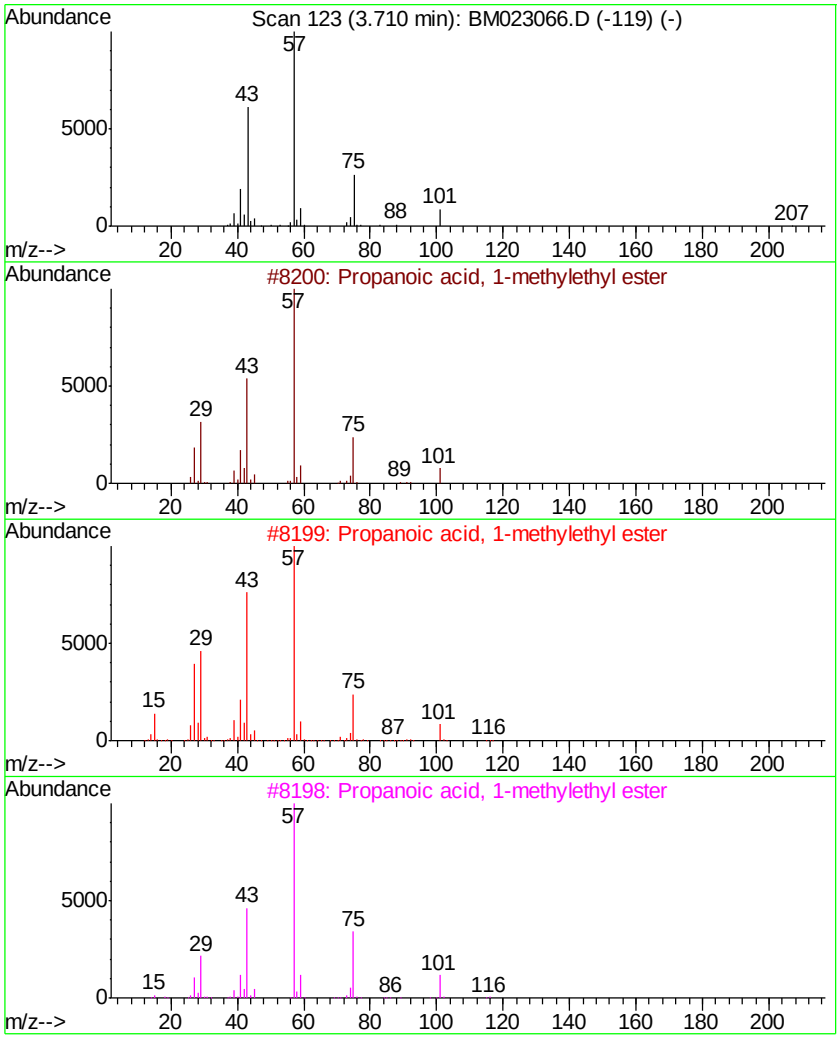
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

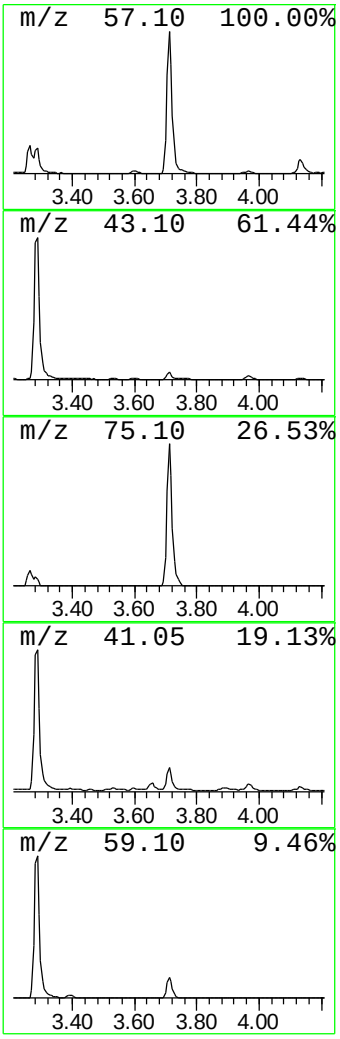
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	3.24 ng/ul	170163	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

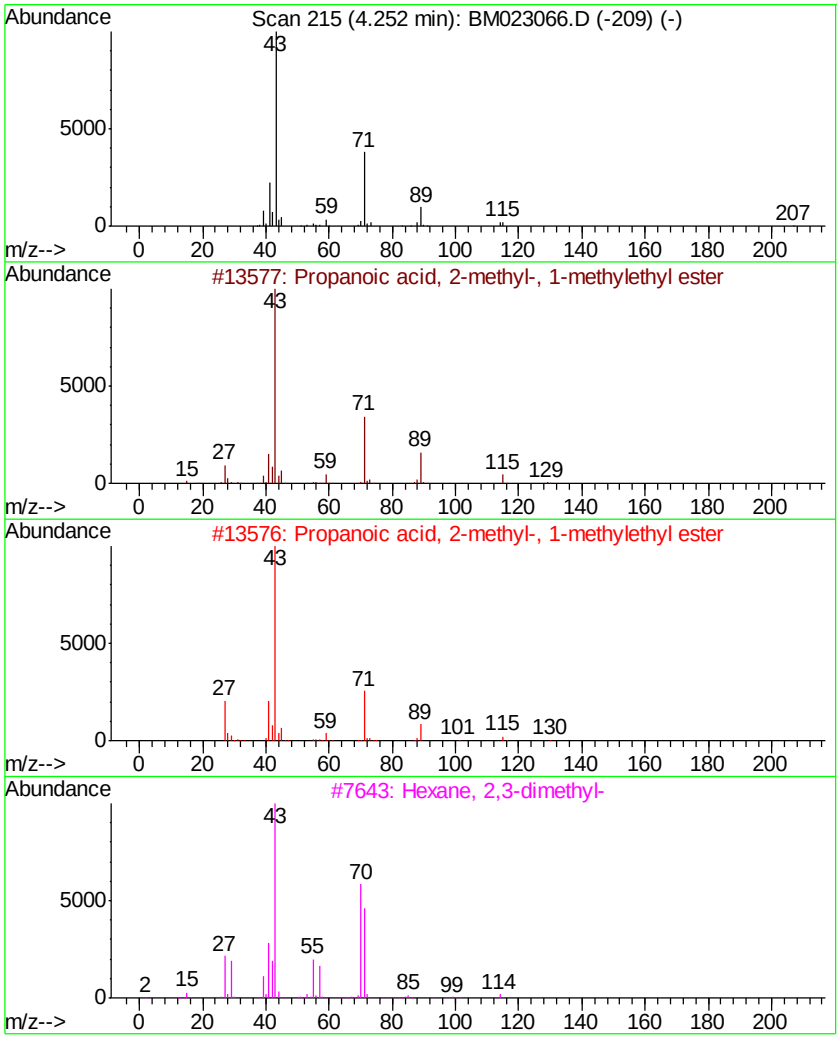
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

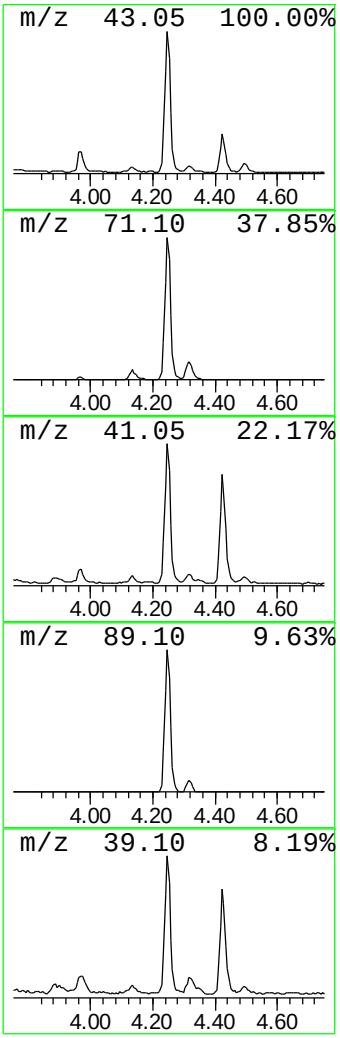
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	7.22 ng/ul	379341	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

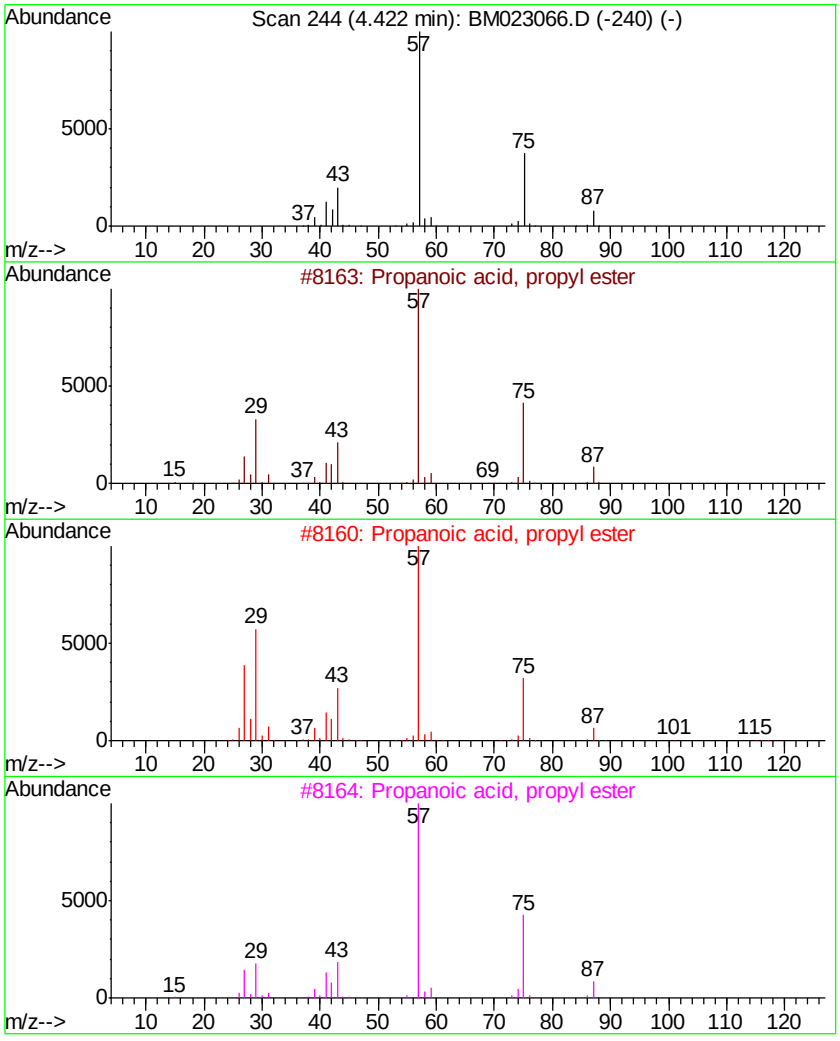
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

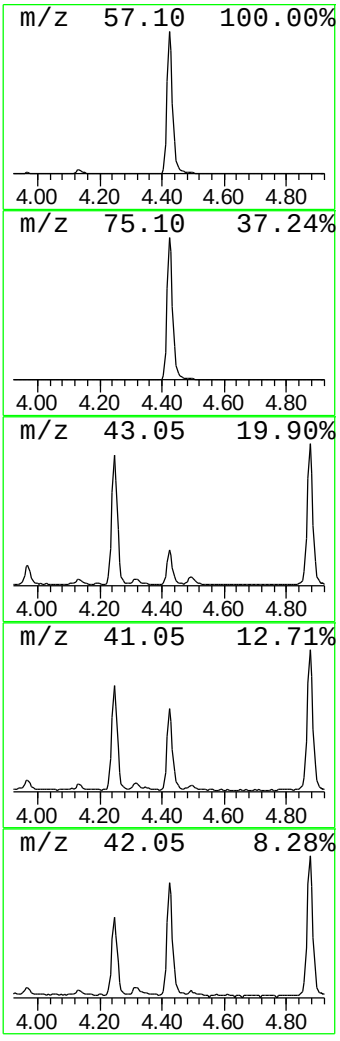
****

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	9.98 ng/ul	523807	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

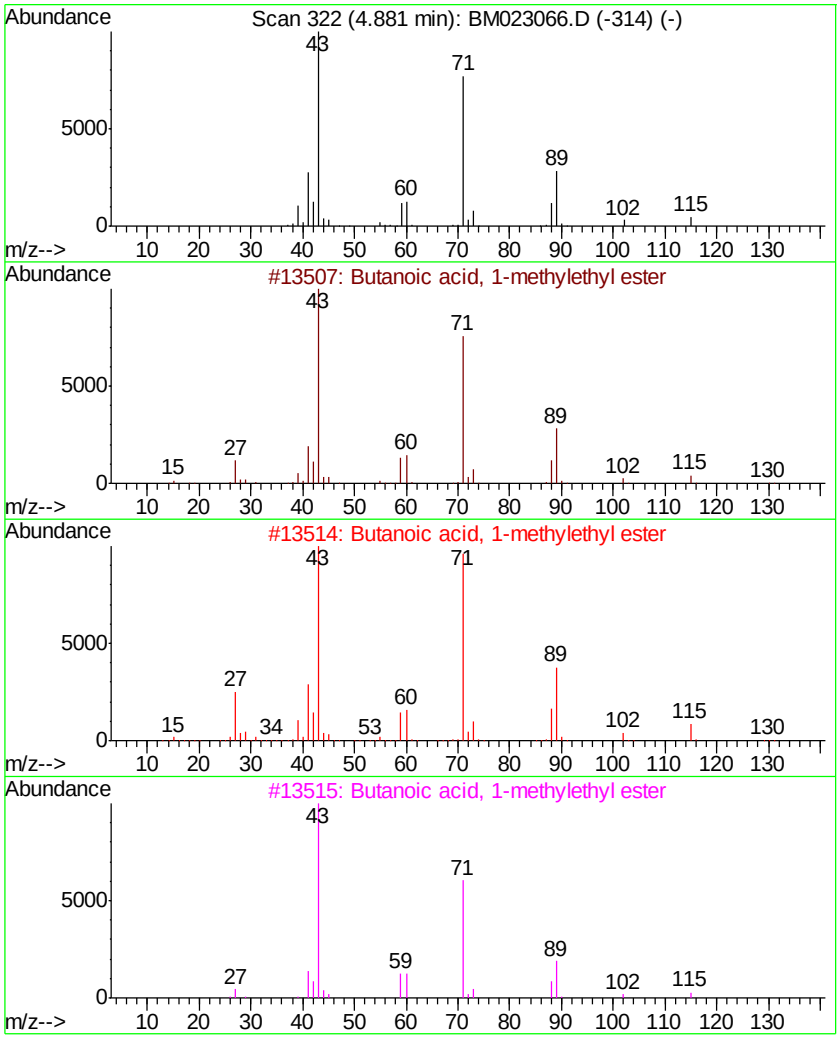
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

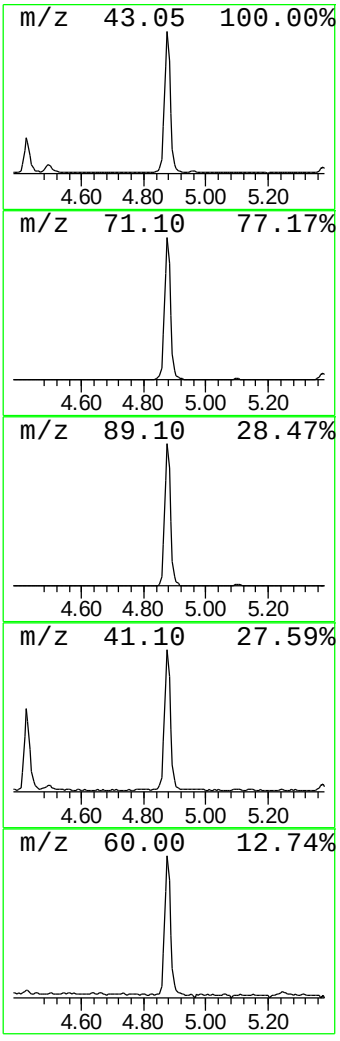
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	12.58 ng/ul	660785	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

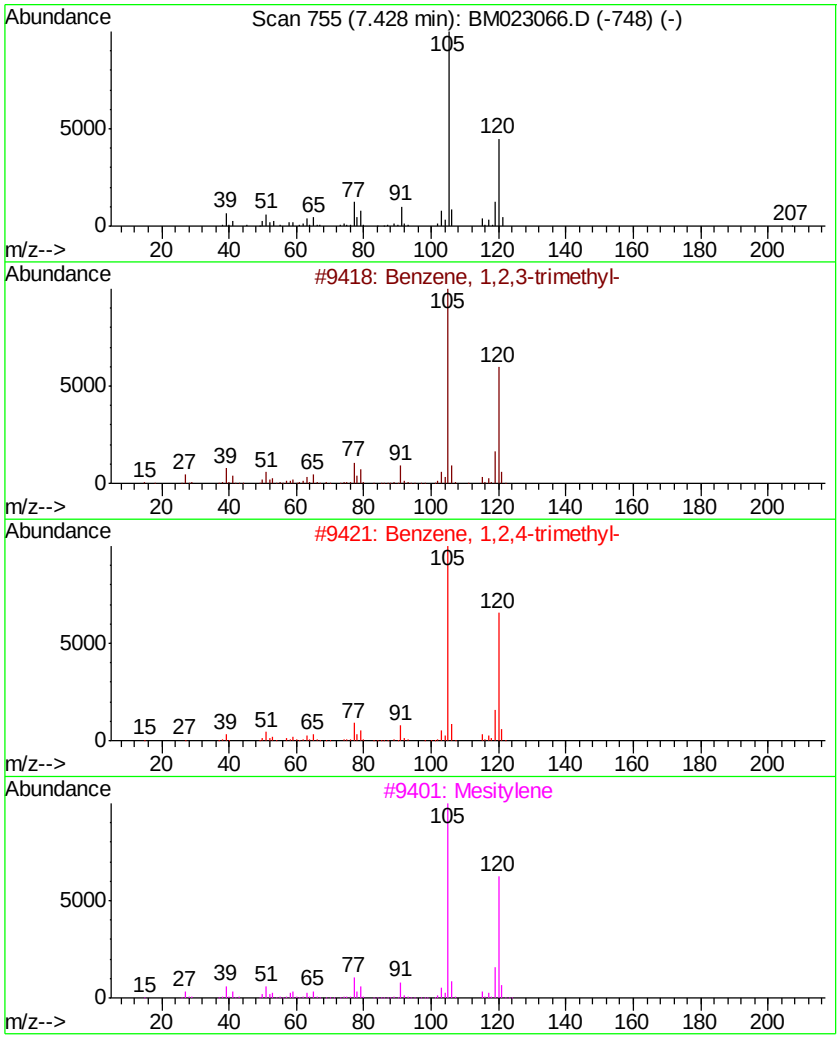
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

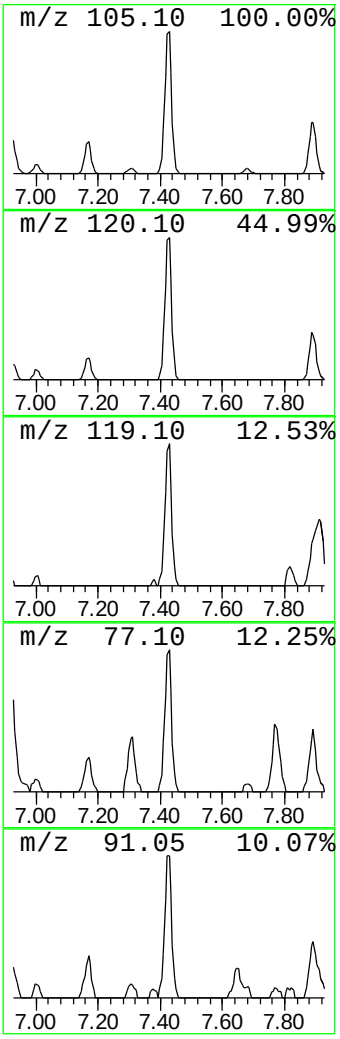
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	5.86 ng/ul	307580	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

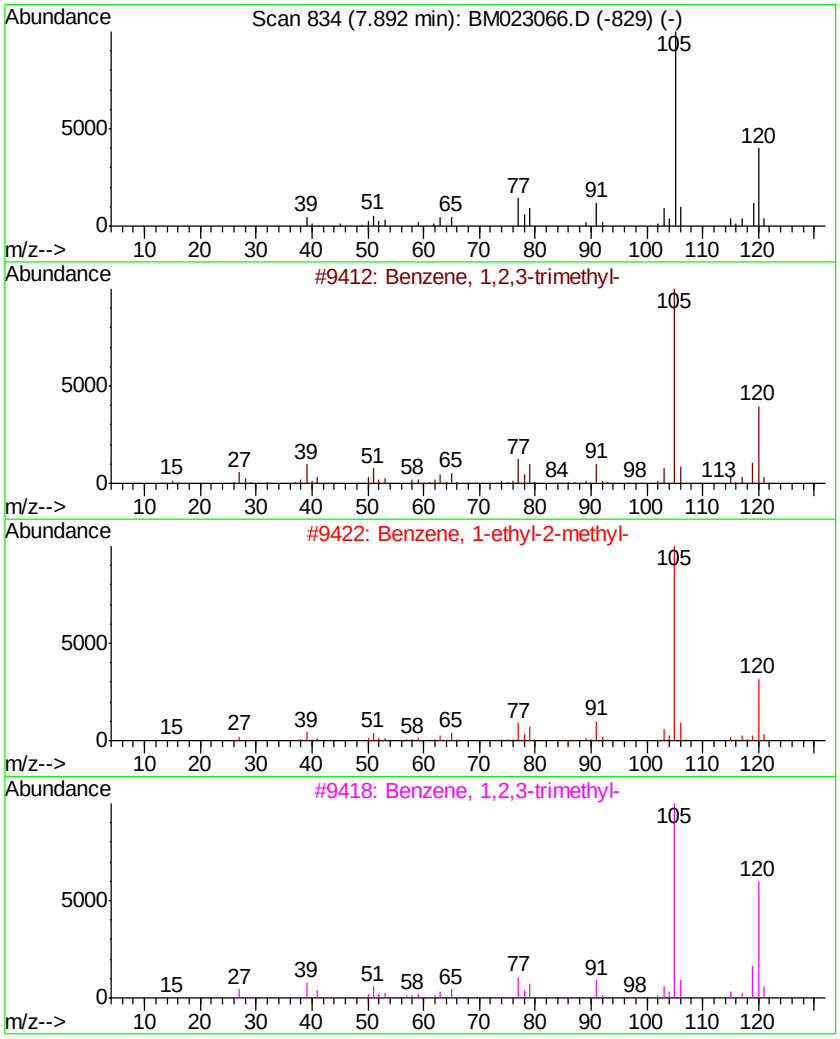
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

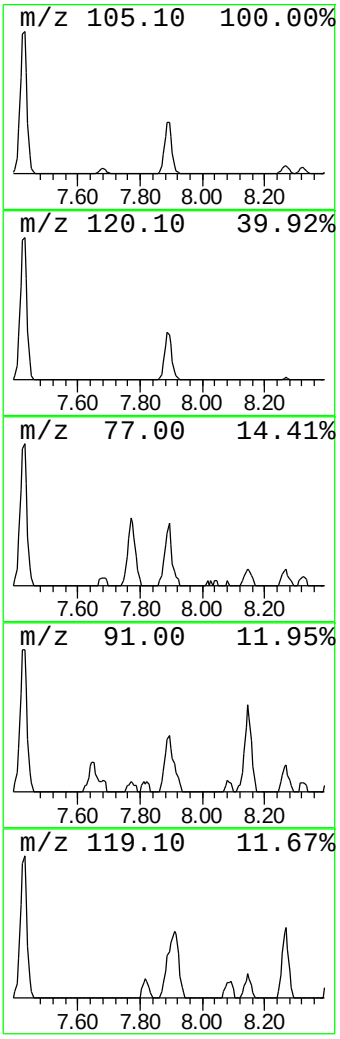
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	2.40 ng/ul	125863	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

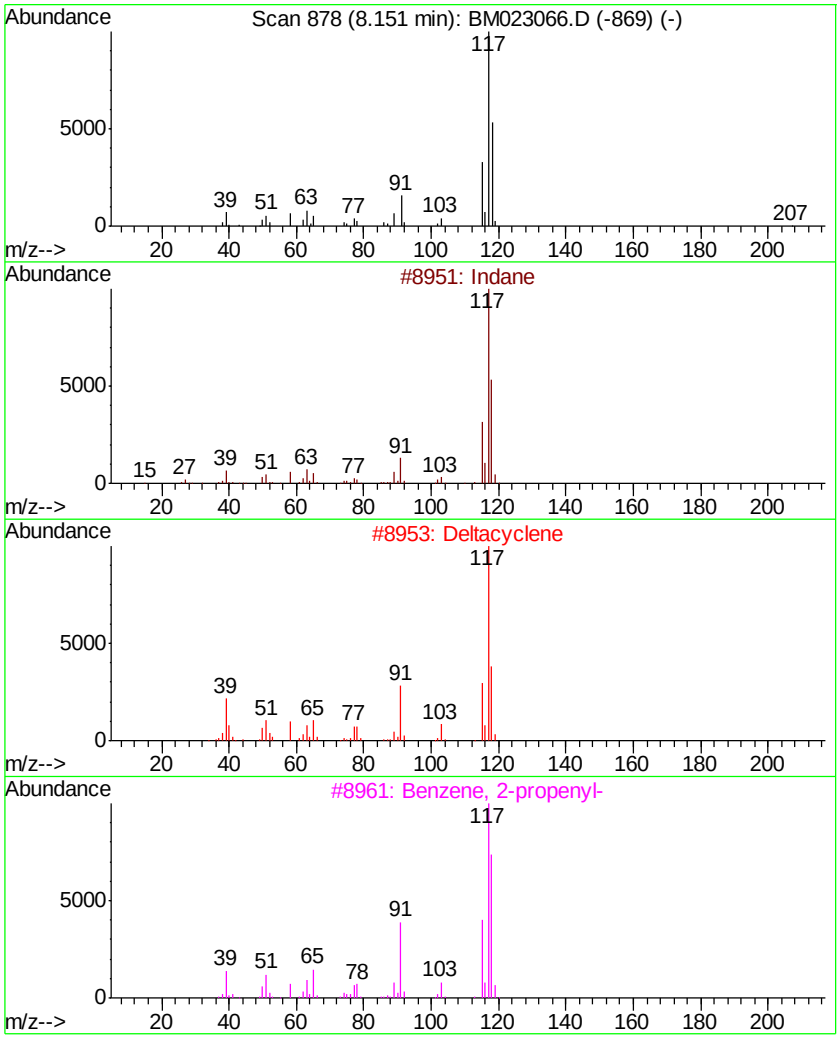
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

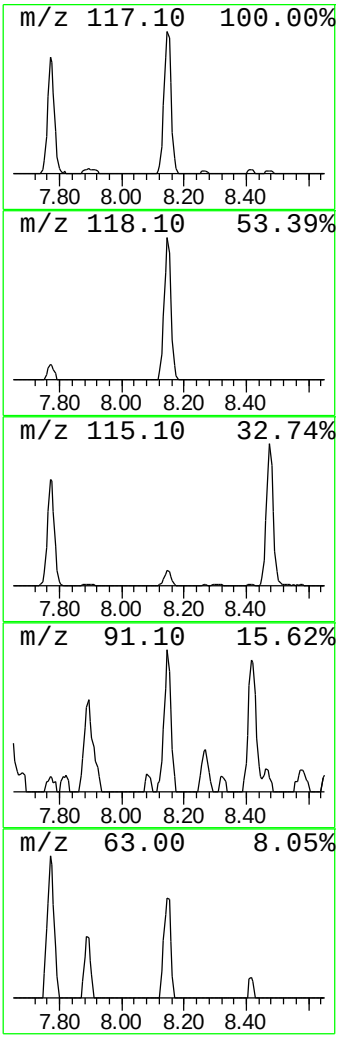
****

Peak Number 7 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	2.81 ng/ul	147584	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Deltacyclene	118	C9H10	007785-10-6	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

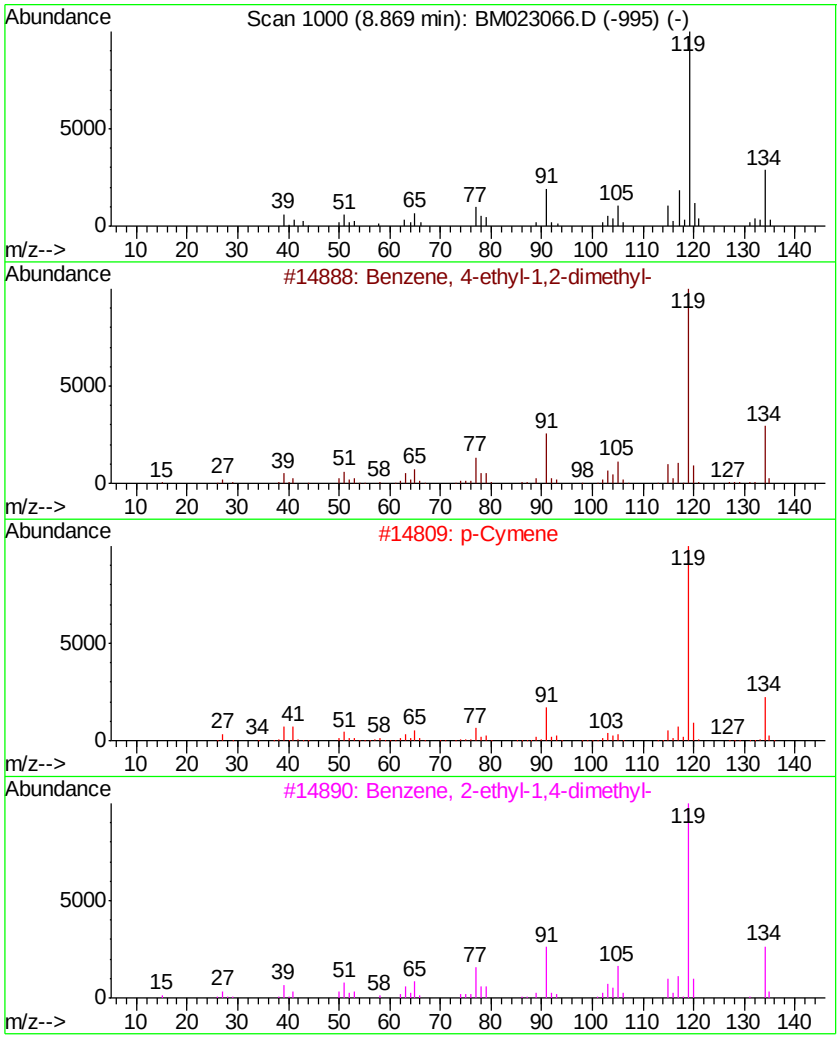
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

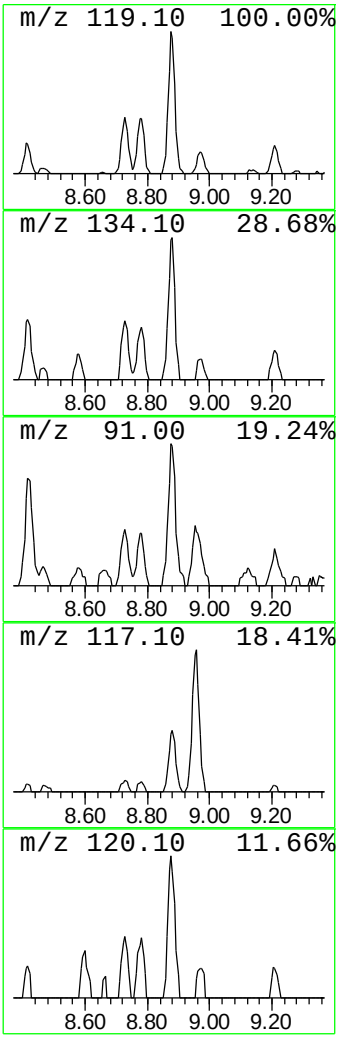
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.79 ng/ul	146651	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

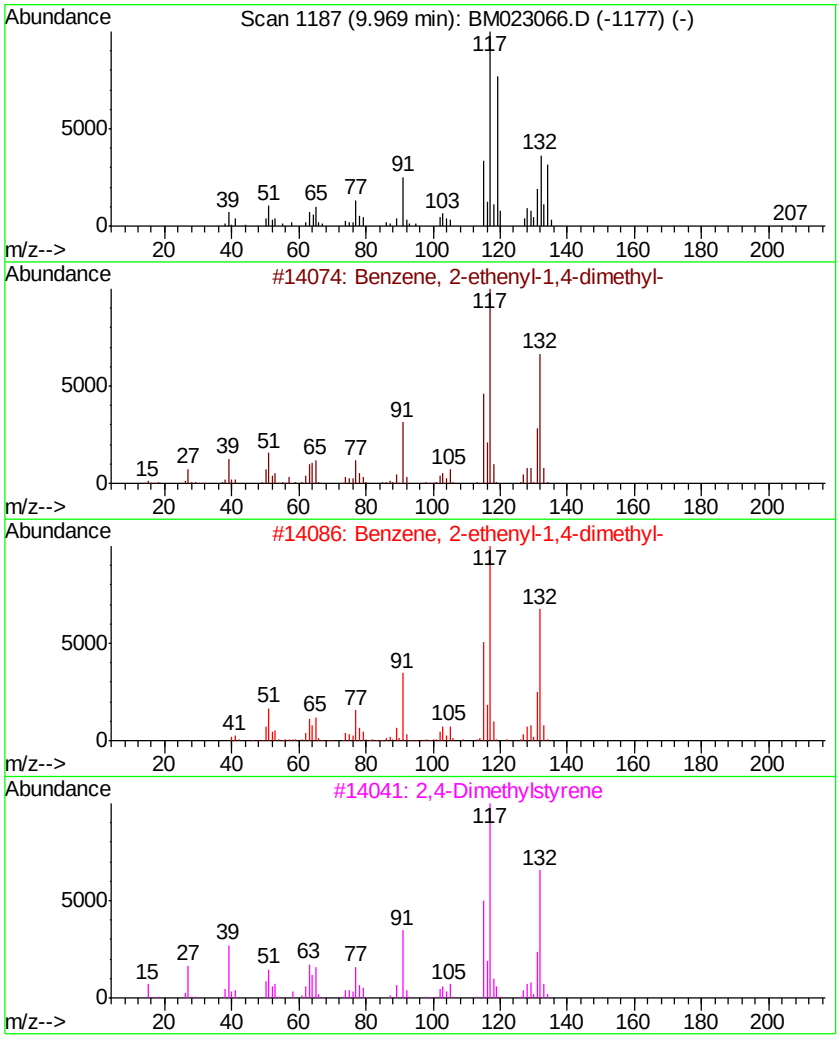
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

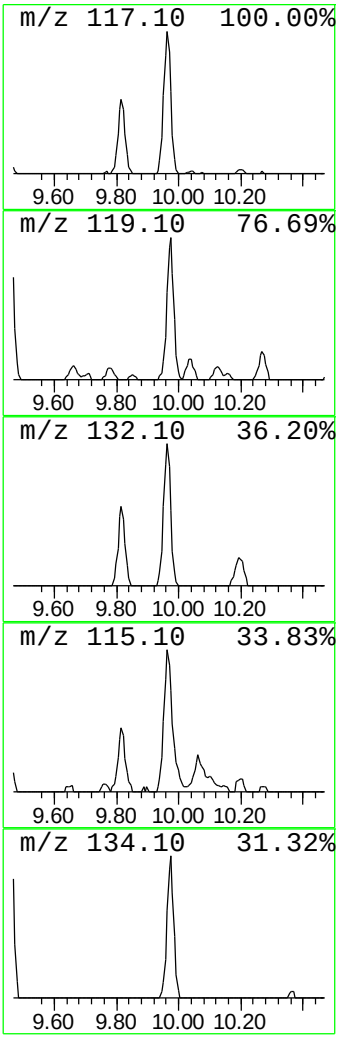
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	3.09 ng/ul	239261	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

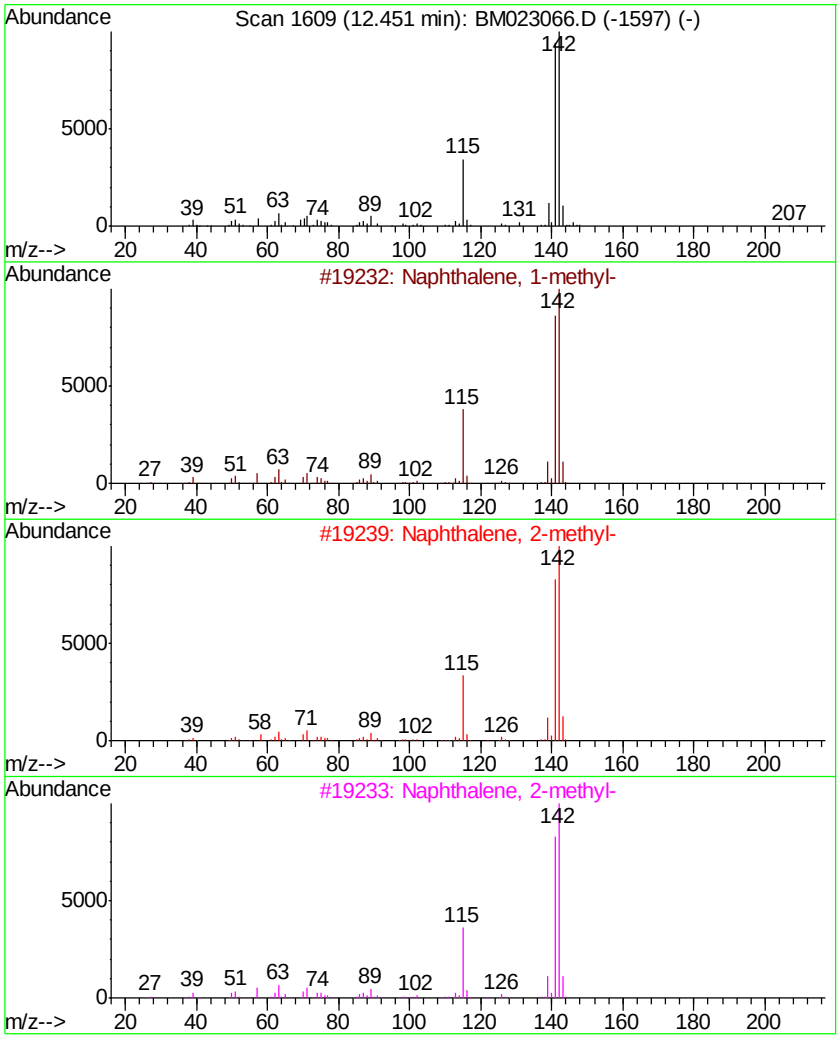
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

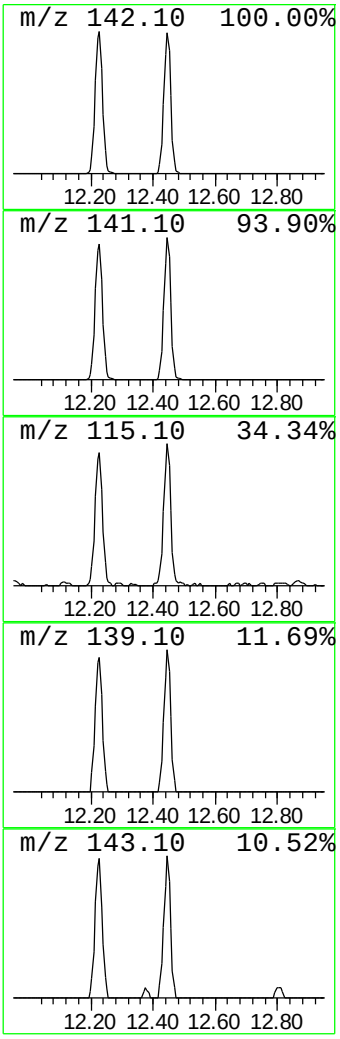
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.86 ng/ul	376629	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

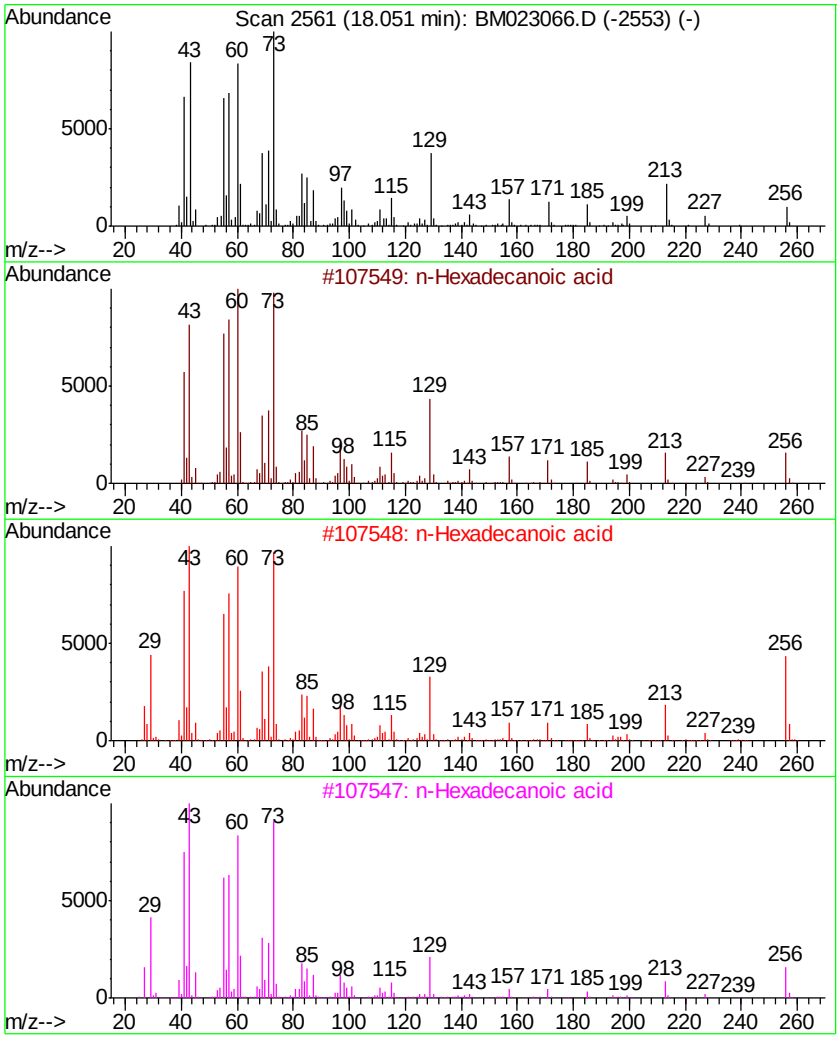
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

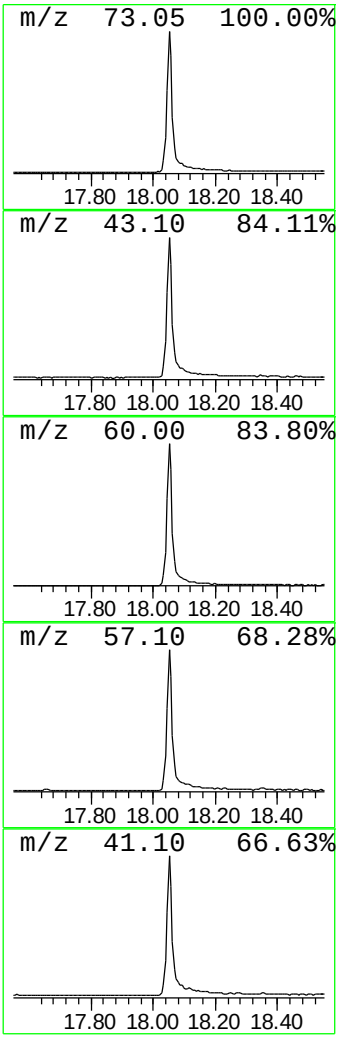
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	11.10 ng/ul	1189500	Phenanthrene-d10	17.15

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

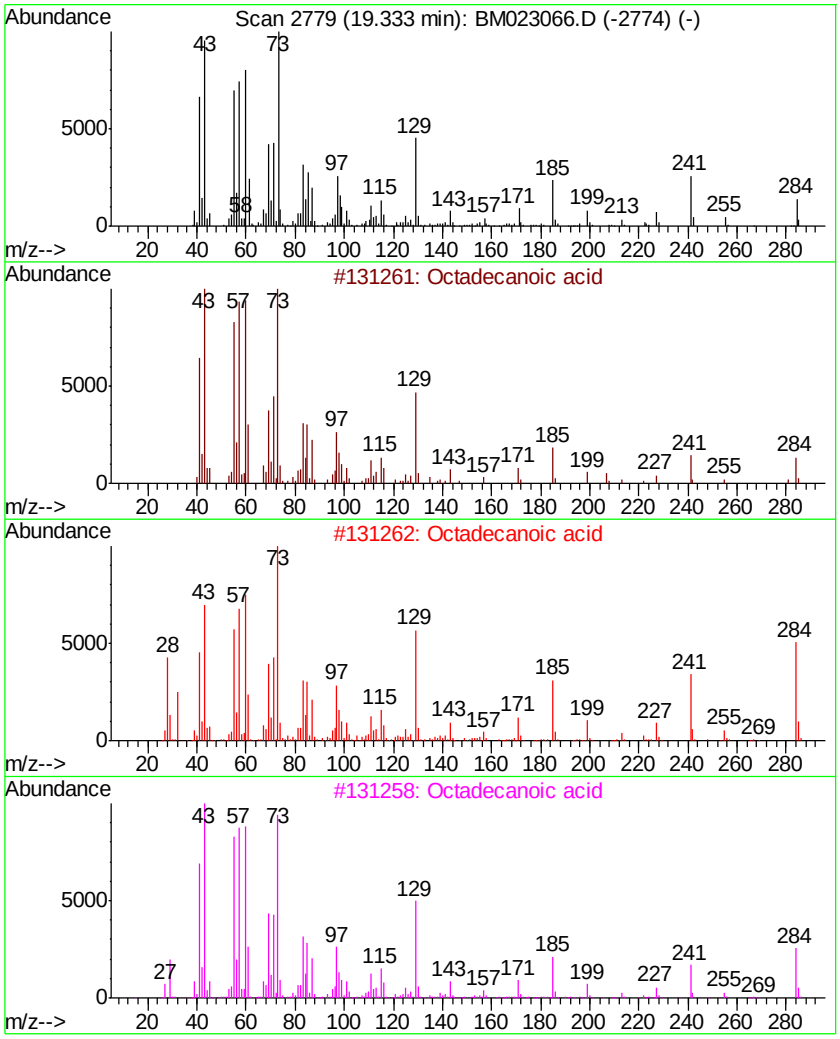
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

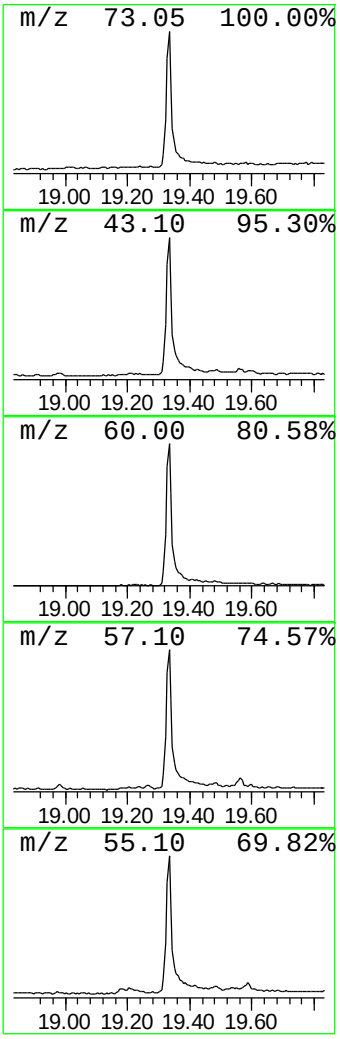
****

Peak Number 12 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	6.30 ng/ul	765694	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

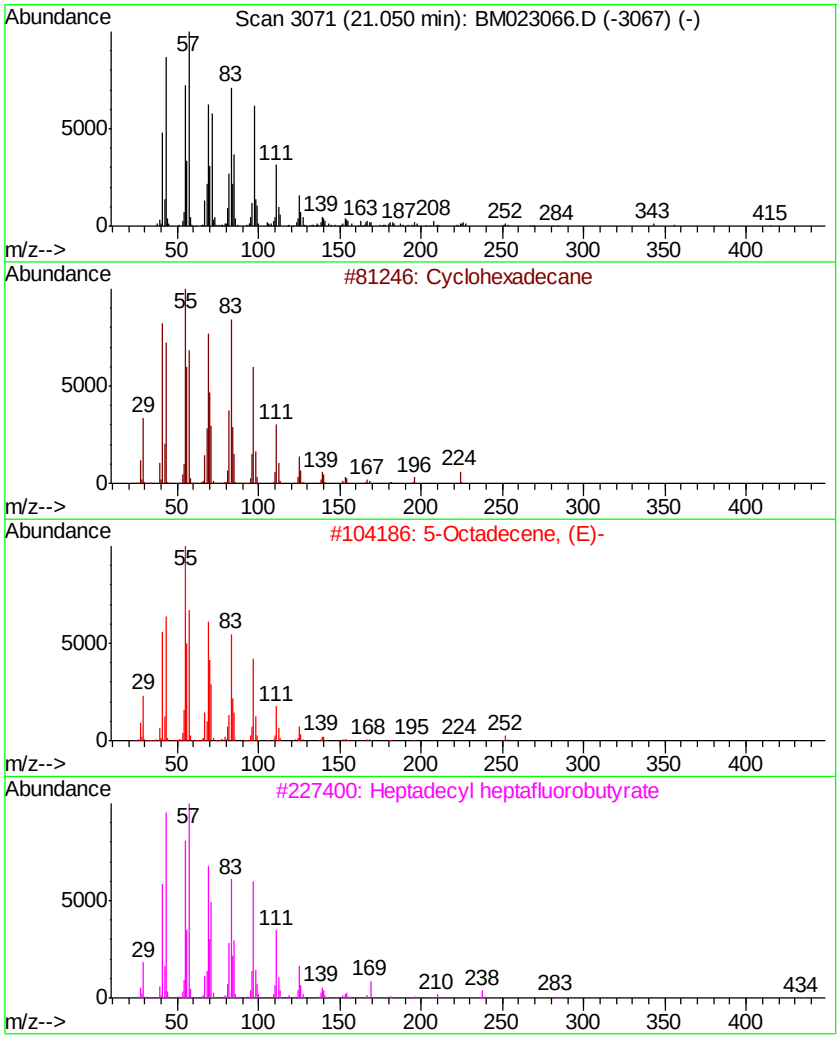
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

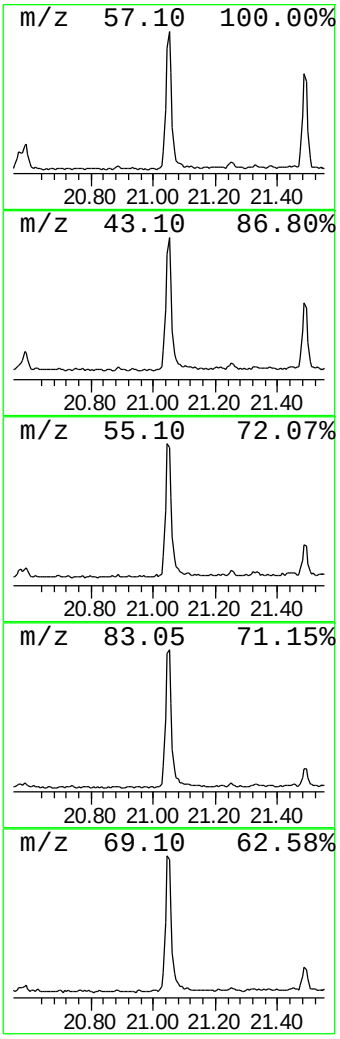
****

Peak Number 13 (DEL) Alkane: Cyclic21.05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.21 ng/ul	389527	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
5	1-Octadecene	252	C18H36	000112-88-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

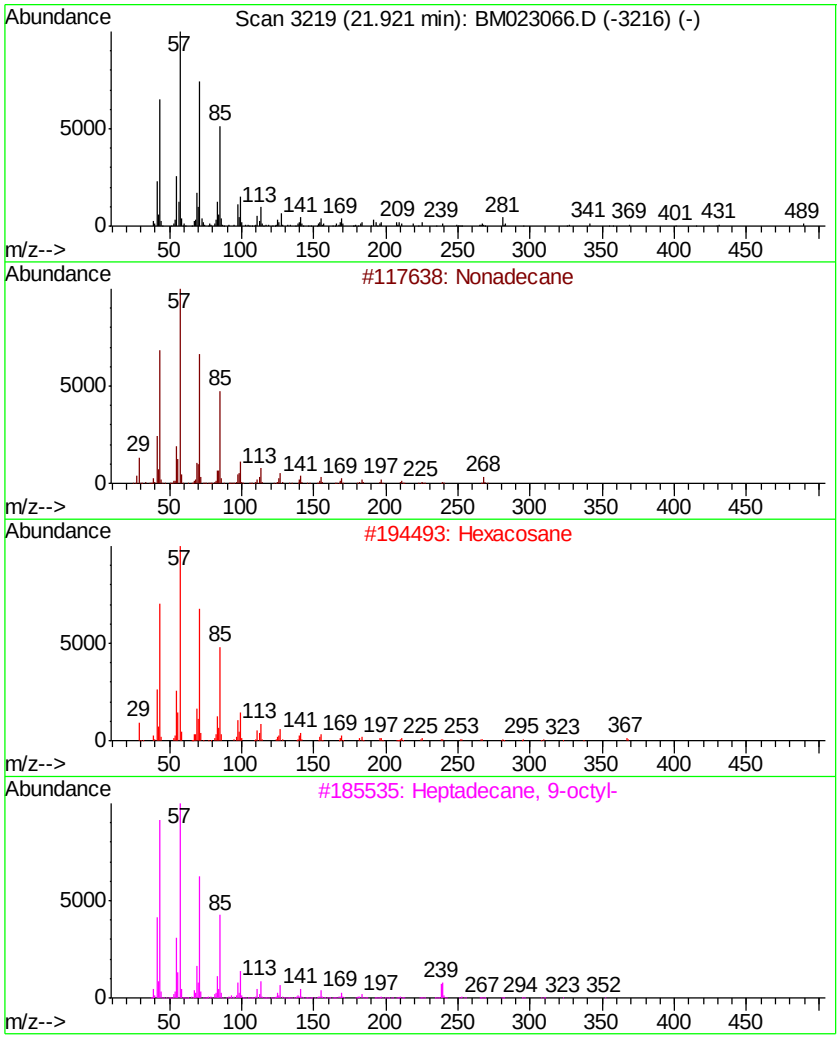
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

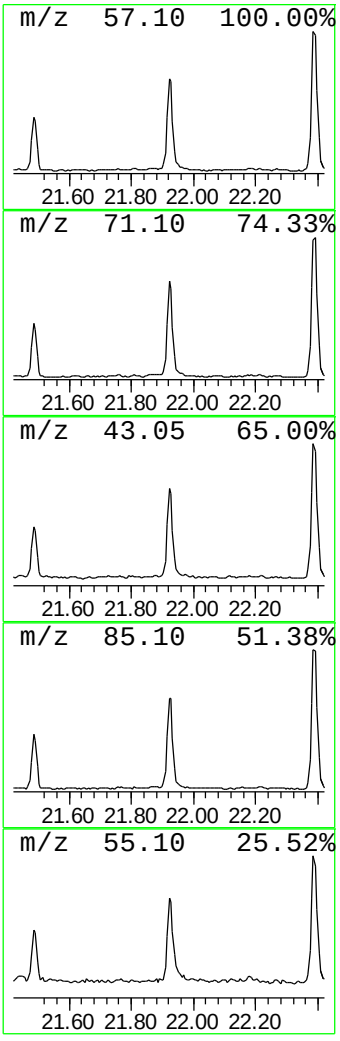
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.01 ng/ul	244728	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

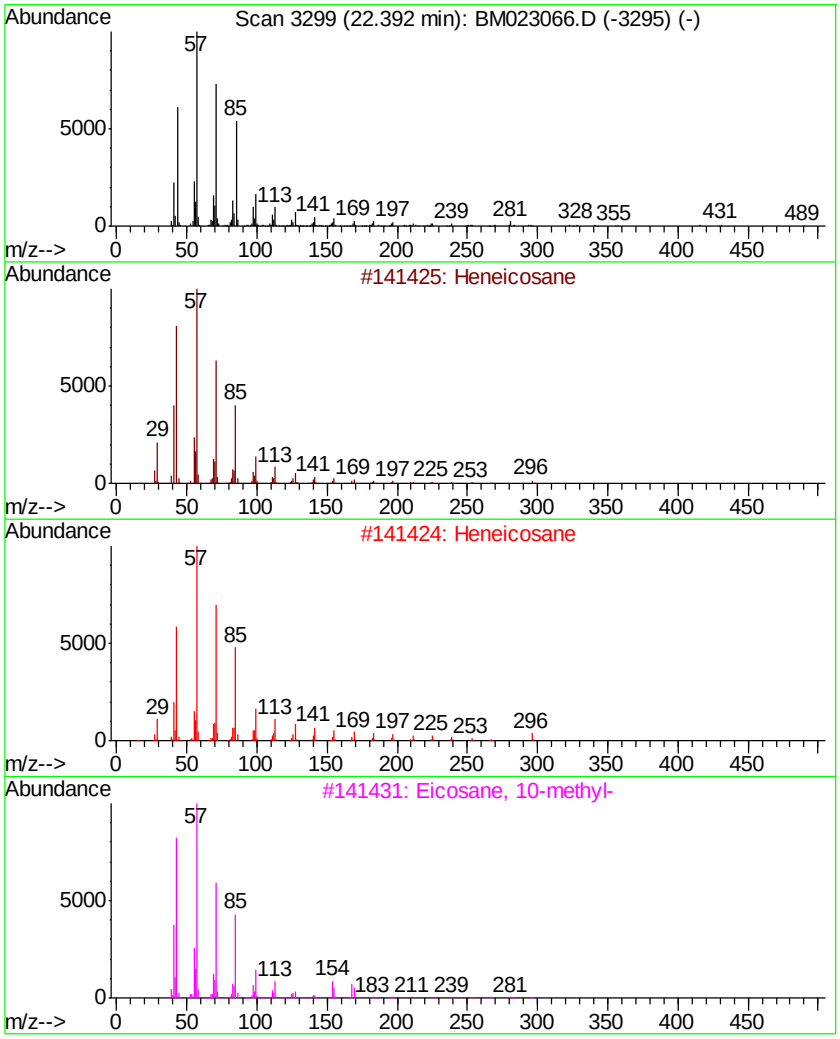
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

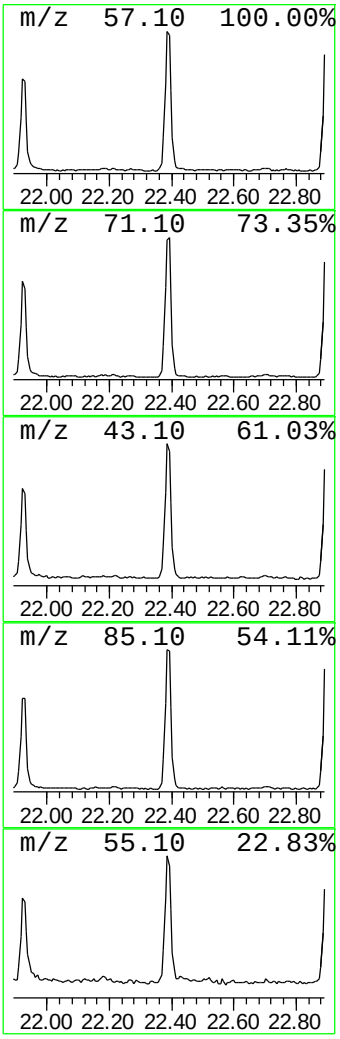
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	3.03 ng/ul	368629	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	95
4	Hexacosane	366	C26H54	000630-01-3	94
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

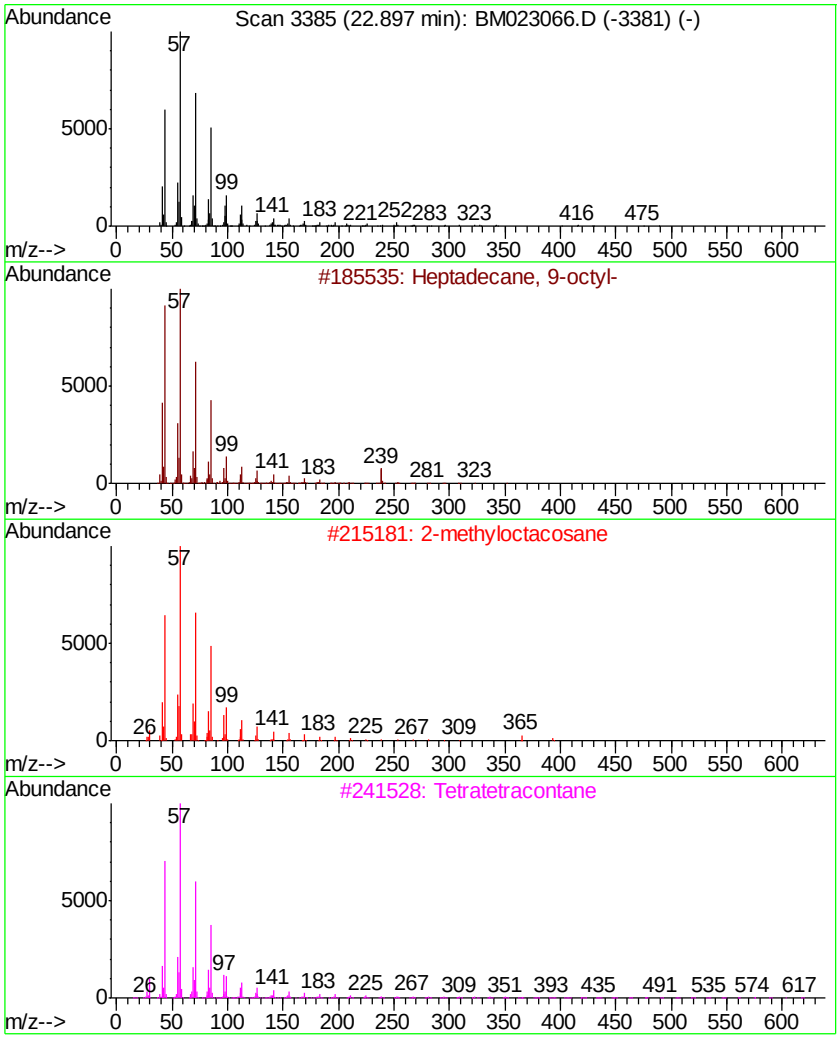
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

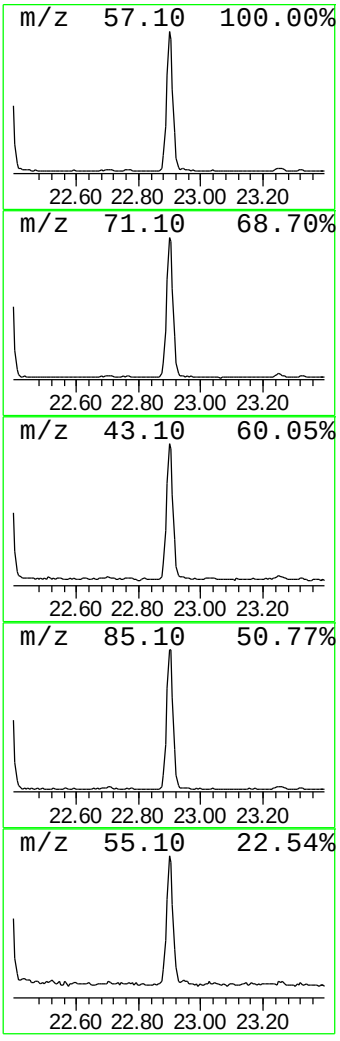
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	3.79 ng/ul	488738	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Docosane	310	C22H46	000629-97-0	91
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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

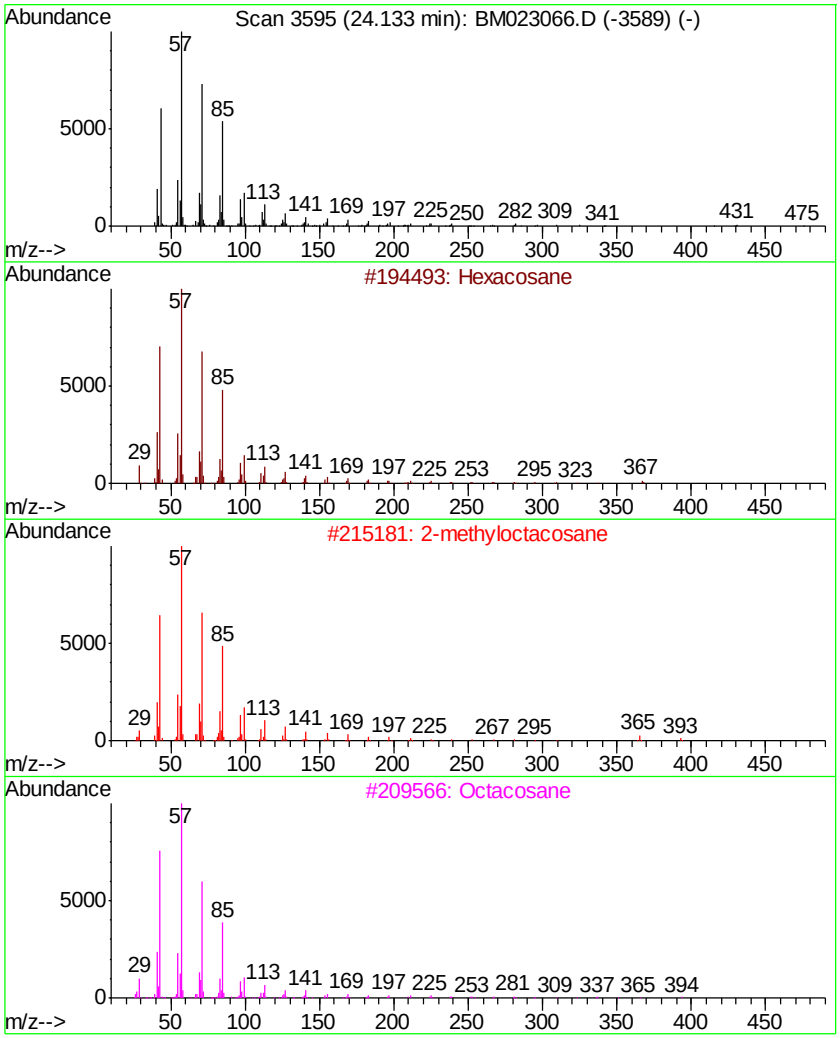
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

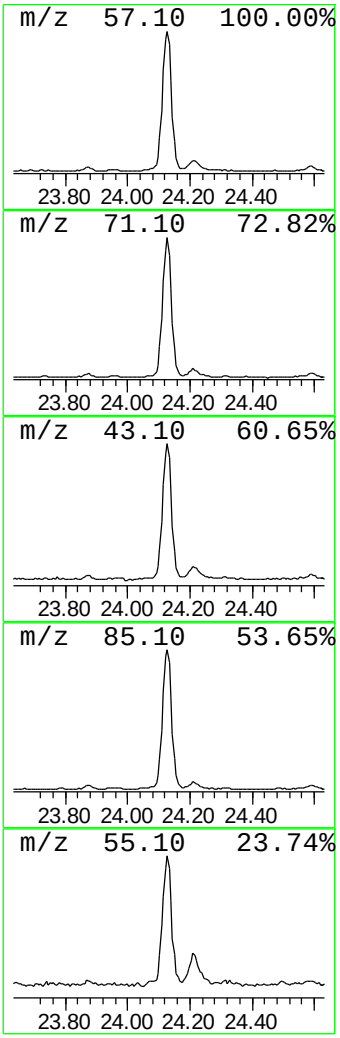
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	4.45 ng/ul	574283	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023066.D
Acq On : 09 Oct 2019 04:11
Operator : JU
Sample : K5028-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK3

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
Propanoic acid, 1...	3.71	3.2	ng/ul	170163	1	7.77	1050150	20.0
Propanoic acid, 2...	4.25	7.2	ng/ul	379341	1	7.77	1050150	20.0
Propanoic acid, p...	4.42	10.0	ng/ul	523807	1	7.77	1050150	20.0
Butanoic acid, 1-...	4.88	12.6	ng/ul	660785	1	7.77	1050150	20.0
Benzene, 1,2,3-tr...	7.43	5.9	ng/ul	307580	1	7.77	1050150	20.0
Benzene, 1-ethyl-...	7.89	2.4	ng/ul	125863	1	7.77	1050150	20.0
Indane	8.15	2.8	ng/ul	147584	1	7.77	1050150	20.0
Benzene, 4-ethyl-...	8.87	2.8	ng/ul	146651	1	7.77	1050150	20.0
Benzene, 2-etheny...	9.97	3.1	ng/ul	239261	2	10.56	1549700	20.0
Naphthalene, 1-me...	12.45	4.9	ng/ul	376629	2	10.56	1549700	20.0
n-Hexadecanoic acid	18.05	11.1	ng/ul	1189500	4	17.15	2142330	20.0
Octadecanoic acid	19.33	6.3	ng/ul	765694	5	21.33	2429210	20.0
(DEL) Alkane: Cyc...	21.05	3.2	ng/ul	389527	5	21.33	2429210	20.0
(DEL) Alkane: Str...	21.92	2.0	ng/ul	244728	5	21.33	2429210	20.0
(DEL) Alkane: Str...	22.39	3.0	ng/ul	368629	5	21.33	2429210	20.0
(DEL) Alkane: Str...	22.90	3.8	ng/ul	488738	6	23.58	2580320	20.0
(DEL) Alkane: Str...	24.13	4.5	ng/ul	574283	6	23.58	2580320	20.0