LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

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-BM121719MA.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	3.016	19	22	35	rVB3	47562	100616	1.48%	0.124%
2	3.622	122	125	134	rVB2	35944	59135	0.87%	0.073%
3	3.704	136	139	145	rVB	34242	46032	0.68%	0.057%
4	4.616	289	294	301	rBV	60536	109428	1.61%	0.135%
5	6.322	581	584	588	rBV4	7081	9662	0.14%	0.012%
6	6.645	633	639	654	rBV	737888	1382153	20.32%	1.704%
7	6.798	658	665	677	rBV	619054	1112369	16.35%	1.371%
8	6.987	690	697	709	rBV	835234	1460572	21.47%	1.800%
9	7.087	712	714	717	rVB4	8637	10068	0.15%	0.012%
10	7.445	768	775	787	rBV	1299108	2177662	32.02%	2.684%
11	8.175	893	899	914	rBV	967472	1789990	26.32%	2.206%
12	8.286	914	918	927	rVB	52861	94192	1.38%	0.116%
13	8.604	965	972	988	rBV	787177	1435835	21.11%	1.770%
14	9.039	1042	1046	1052	rVB	31716	47451	0.70%	0.058%
15	9.316	1086	1093	1110	rBV	651255	1160319	17.06%	1.430%
16	9.857	1176	1185	1202	rBV	1003941	1921987	28.26%	2.369%
17	10.216	1238	1246	1258	rBV	2083799	3461135	50.89%	4.266%
18	10.369	1264	1272	1291	rBV	778528	1642199	24.14%	2.024%
19	11.674	1491	1494	1498	rVB4	4971	7893	0.12%	0.010%
20	11.827	1515	1520	1526	rVB3	14466	26652	0.39%	0.033%
21	12.051	1554	1558	1561	rVB5	4226	6895	0.10%	0.008%
22	12.457	1623	1627	1631	rBV4	9444	12904	0.19%	0.016%
23	12.721	1667	1672	1678	rVB4	12300	20524	0.30%	0.025%
24	12.951	1706	1711	1713	rBV5	7577	12683	0.19%	0.016%
25	13.021	1717	1723	1728	rVB	24279	42680	0.63%	0.053%
26	13.533	1804	1810	1815	rBV	2175023	3041509	44.72%	3.749%
27	13.580	1815	1818	1828	rVB	408895	593578	8.73%	0.732%
28	13.798	1847	1855	1872	rBV	2590851	3748430	55.11%	4.620%
29	14.033	1892	1895	1900	rVB4	9173	11303	0.17%	0.014%
30	14.110	1901	1908	1917	rBV	3443881	5046440	74.19%	6.220%
31	14.368	1945	1952	1970	rBV2	265102	745563	10.96%	0.919%
32	14.527	1975	1979	1981	rVV5	19059	30691	0.45%	0.038%
33	14.568	1981	1986	1994	rVB2	67818	124690	1.83%	0.154%
34	14.721	2010	2012	2019	rBV7	4272	9175	0.13%	0.011%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

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-BM121719MA.M
Title : SVOA CALIBRATION

35	14.810	2022	2027	2031	rVB7	8294	15196	0.22%	0.019%
36	14.939	2045	2049	2053	rBV	27539	36843	0.54%	0.045%
37	14.998	2056	2059	2064	rVB5	11551	14632	0.22%	0.018%
38	15.110	2072	2078	2091	rBV	3352095	4872494	71.63%	6.006%
39	15.262	2099	2104	2114	rBV	580668	883073	12.98%	1.088%
40	15.357	2115	2120	2126	rVB2	36574	62808	0.92%	0.077%
41	15.510	2142	2146	2150	rVV2	50016	63442	0.93%	0.078%
42	15.557	2150	2154	2158	rVB5	23769	32271	0.47%	0.040%
43	15.615	2160	2164	2169	rVB7	8439	16454	0.24%	0.020%
44	15.704	2173	2179	2182	rBV7	6060	9750	0.14%	0.012%
45	15.810	2193	2197	2199	rBV5	6743	9422	0.14%	0.012%
46	15.862	2202	2206	2208	rVV5	11024	15525	0.23%	0.019%
47	15.898	2210	2212	2216	rVB4	14283	15884	0.23%	0.020%
48	16.033	2230	2235	2240	rBV7	7481	12439	0.18%	0.015%
49	16.174	2254	2259	2262	rBV7	4655	10272	0.15%	0.013%
50	16.427	2298	2302	2305	rBV4	7397	11160	0.16%	0.014%
51	16.533	2316	2320	2322	rBV5	9563	12209	0.18%	0.015%
52	16.604	2326	2332	2334	rBV5	6776	12280	0.18%	0.015%
53	16.657	2337	2341	2344	rVV	28793	37972	0.56%	0.047%
54	16.692	2344	2347	2352	rVB3	14103	20592	0.30%	0.025%
55	16.868	2370	2377	2381	rBV	4189472	6041815	88.83%	7.447%
56	16.904	2381	2383	2388	rVV	286326	398805	5.86%	0.492%
57	16.962	2388	2393	2408	rVV2	3612194	5187875	76.27%	6.394%
58	17.086	2412	2414	2417	rVB3	11625	11056	0.16%	0.014%
59	17.174	2427	2429	2437	rVB7	9500	14943	0.22%	0.018%
60	17.280	2442	2447	2457	rVB5	34173	70051	1.03%	0.086%
61	17.392	2463	2466	2471	rVB7	15339	20048	0.29%	0.025%
62	17.668	2507	2513	2520	rBV9	18979	43929	0.65%	0.054%
63	17.745	2520	2526	2529	rBV3	31856	41886	0.62%	0.052%
64	17.792	2529	2534	2541	rBV2	169880	267591	3.93%	0.330%
65	17.939	2555	2559	2563	rVB2	50146	67620	0.99%	0.083%
66	17.980	2563	2566	2570	rVB4	19718	29681	0.44%	0.037%
67	18.086	2581	2584	2586	rBV4	17357	20333	0.30%	0.025%
68	18.221	2604	2607	2609	rBV3	18711	21982	0.32%	0.027%
69	18.256	2610	2613	2618	rVV3	22923	36102	0.53%	0.044%
70	18.303	2618	2621	2625	rVV6	14680	23650	0.35%	0.029%
71	18.545	2661	2662	2663	rBV	10872	7061	0.10%	0.009%

LSC Area Percent Report

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Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

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-BM121719MA.M
Title : SVOA CALIBRATION

72	18.668	2679	2683	2690	rBV7	25483	40654	0.60%	0.050%
73	18.733	2690	2694	2698	rBV4	37212	54100	0.80%	0.067%
74	18.821	2706	2709	2710	rBV3	25212	24572	0.36%	0.030%
75	18.903	2720	2723	2724	rBV	40927	41408	0.61%	0.051%
76	18.939	2724	2729	2735	rVB	595884	843246	12.40%	1.039%
77	19.086	2751	2754	2760	rBV7	33883	52716	0.78%	0.065%
78	19.156	2763	2766	2774	rVB2	45167	80346	1.18%	0.099%
79	19.274	2780	2786	2797	rBV2	4417974	6801866	100.00%	8.384%
80	19.809	2874	2877	2882	rVV2	64193	82570	1.21%	0.102%
81	19.856	2882	2885	2889	rVB2	69177	71809	1.06%	0.089%
82	20.309	2958	2962	2966	rBV	807666	911440	13.40%	1.123%
83	20.356	2967	2970	2973	rVB	117861	130705	1.92%	0.161%
84	20.821	3044	3049	3056	rBV	722803	1078744	15.86%	1.330%
85	21.080	3087	3093	3097	rBV	4455824	6084016	89.45%	7.499%
86	21.256	3120	3123	3127	rVB	350163	362075	5.32%	0.446%
87	21.680	3191	3195	3202	rBV	564344	725813	10.67%	0.895%
88	22.115	3266	3269	3276	rVB	680821	887863	13.05%	1.094%
89	22.597	3346	3351	3365	rVB2	881882	1635491	24.04%	2.016%
90	23.074	3427	3432	3437	rBV	2445432	4036583	59.35%	4.975%
91	23.127	3437	3441	3448	rVB2	822810	1330319	19.56%	1.640%
92	23.209	3449	3455	3467	rVB	2671082	4908295	72.16%	6.050%
93	23.727	3539	3543	3552	rVB	553187	977304	14.37%	1.205%

Sum of corrected areas: 81133496

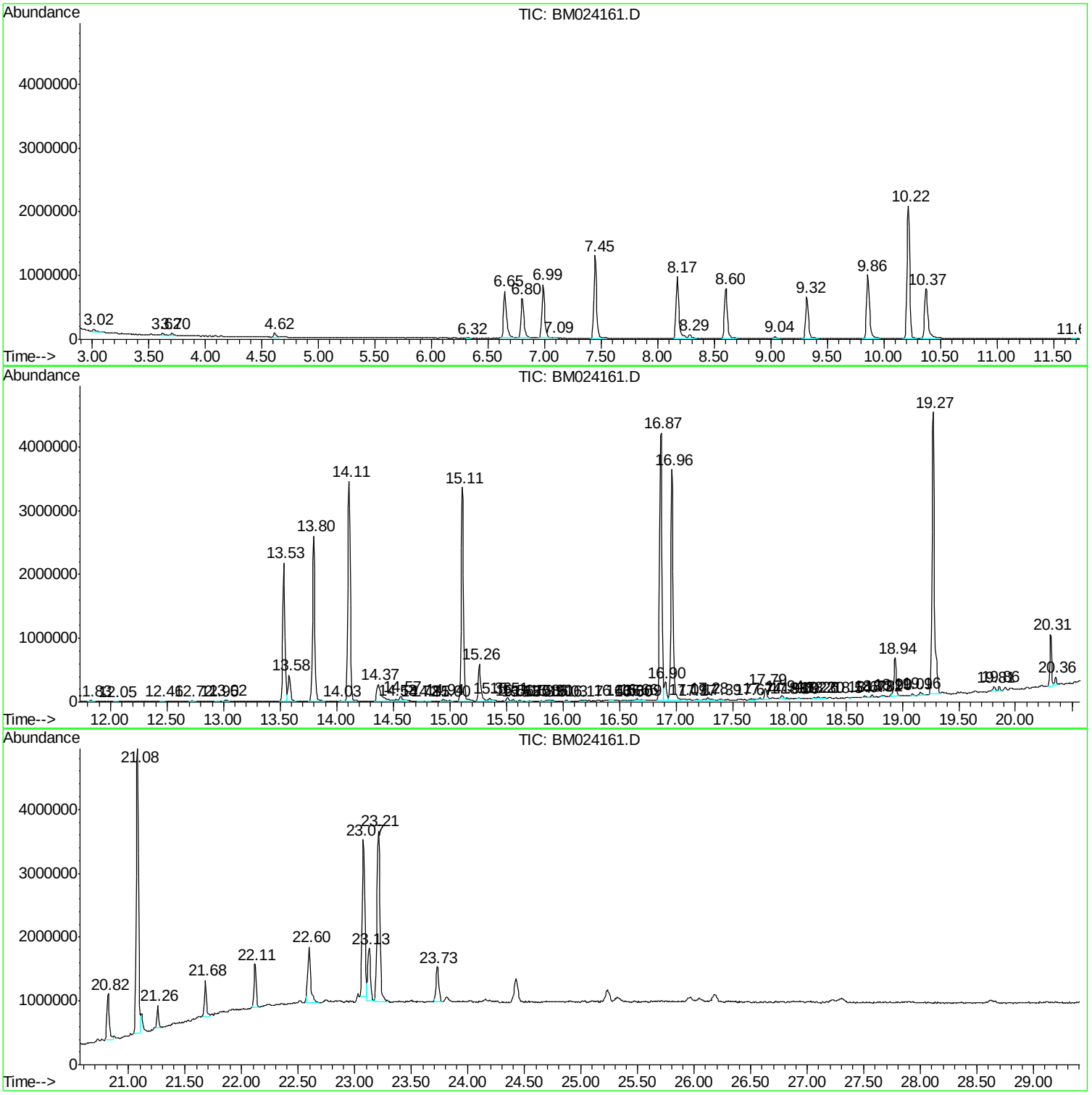
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

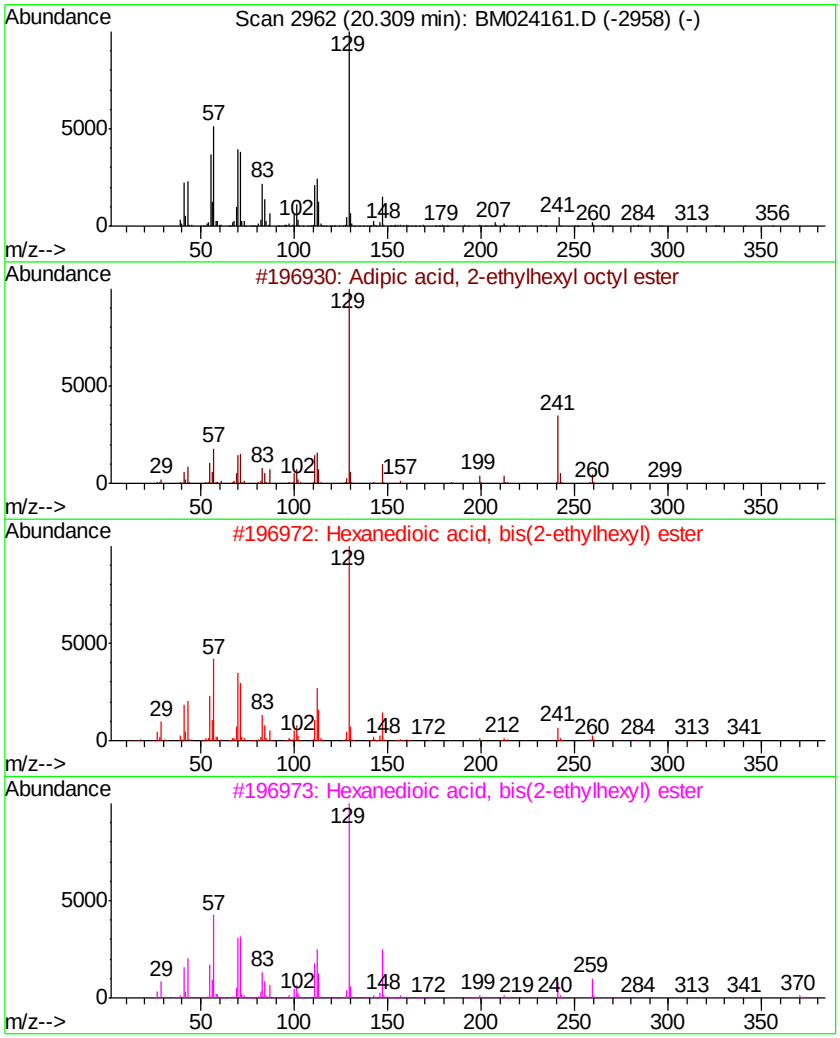
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

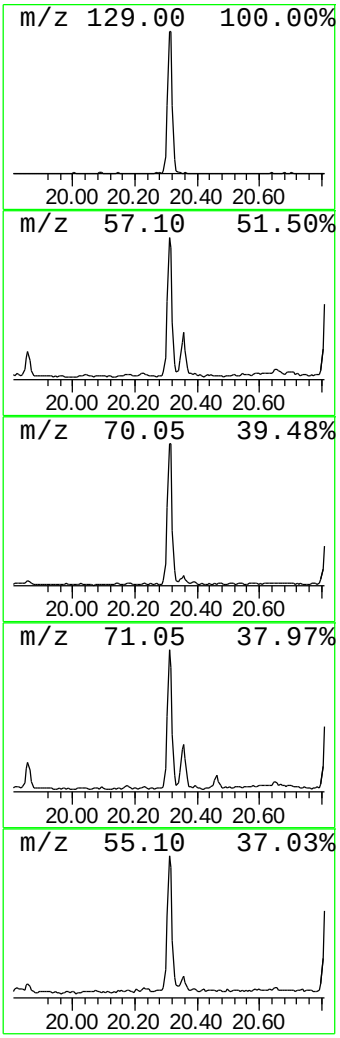
****

Peak Number 1 Adipic acid, 2-ethylhexyl o... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	3.00 ng/ul	911440	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

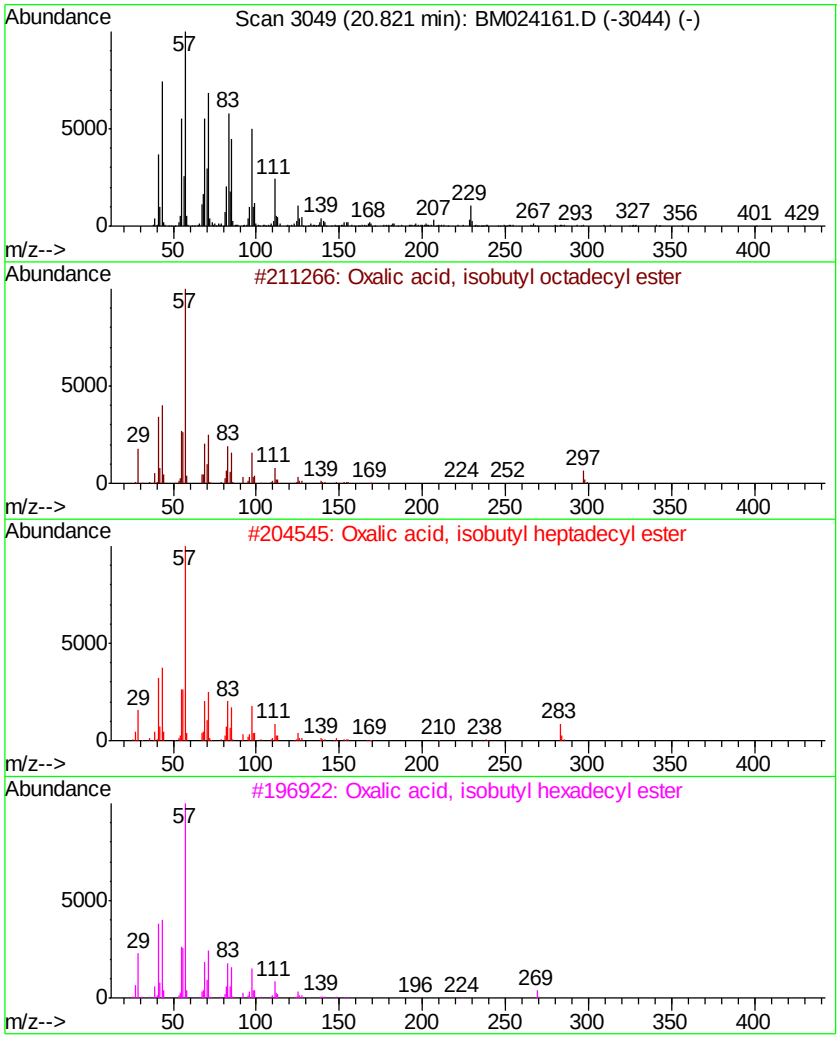
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

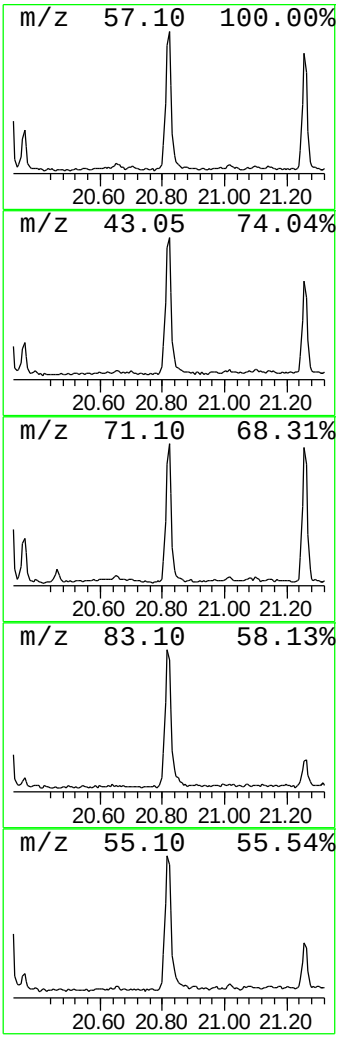
****

Peak Number 2 Oxalic acid, isobutyl octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.55 ng/ul	1078740	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
5	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

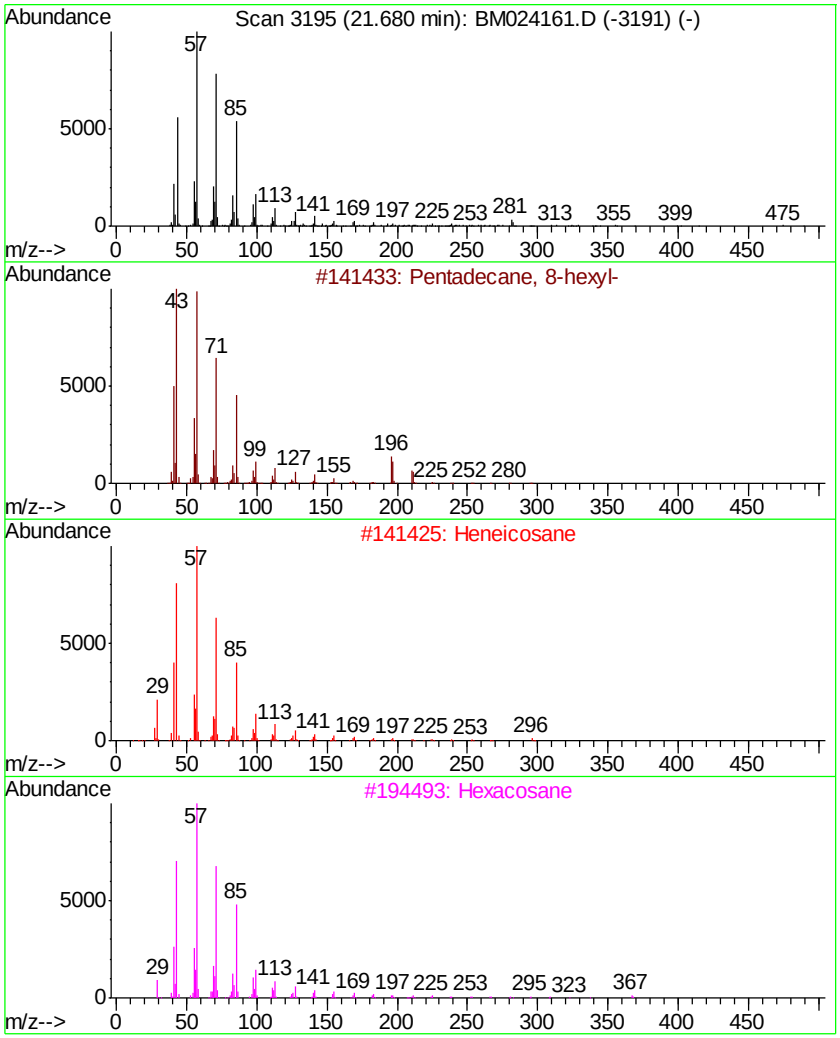
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

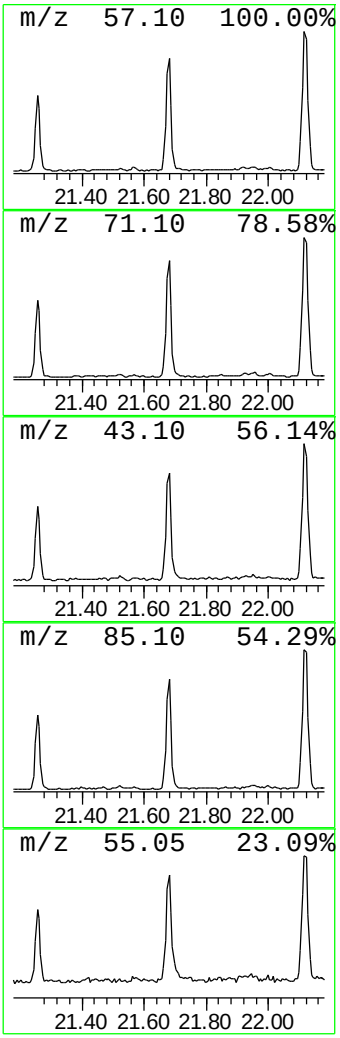
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.39 ng/ul	725813	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

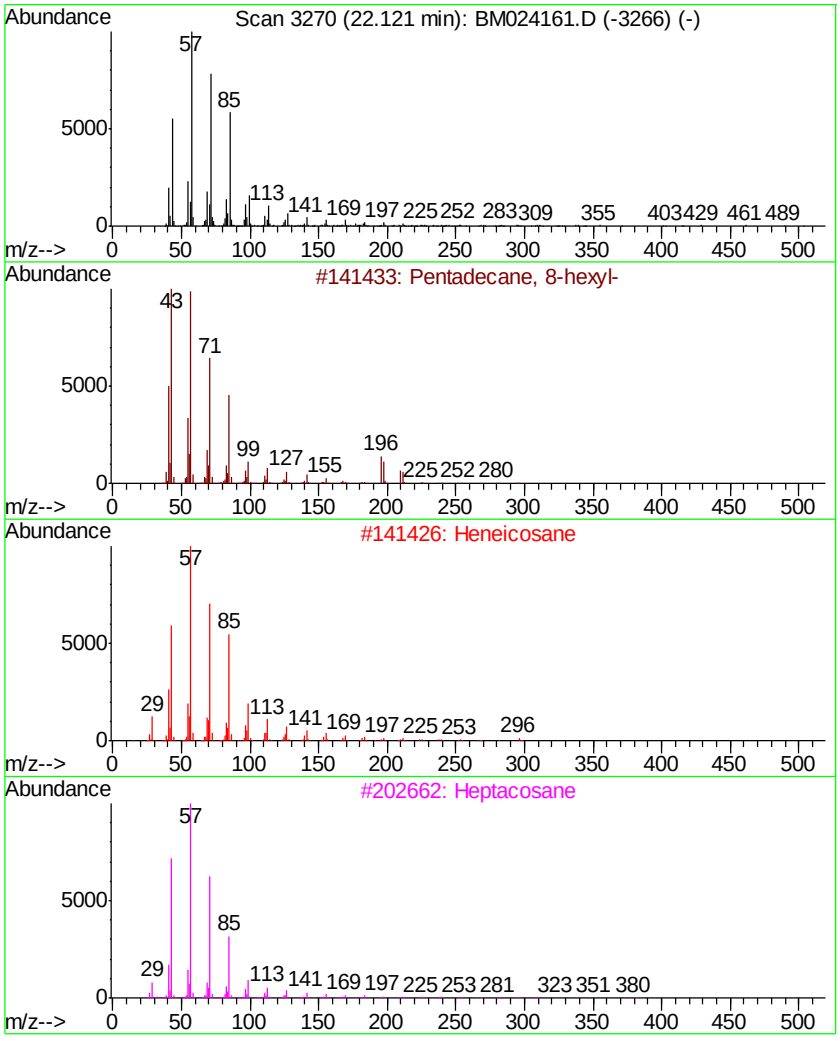
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

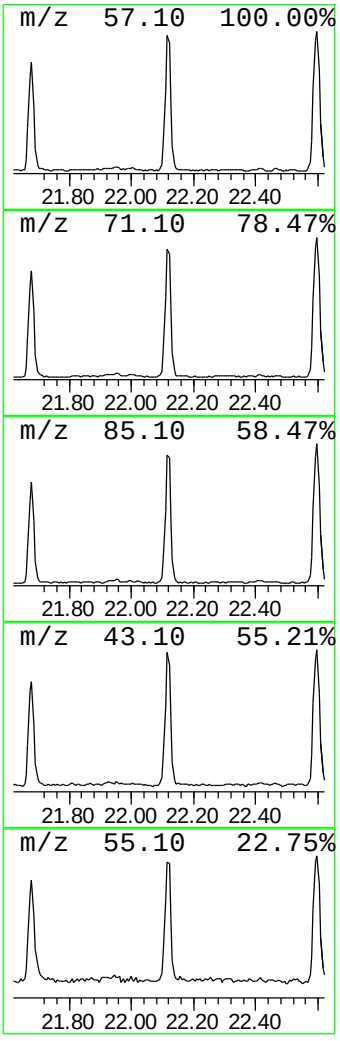
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.92 ng/ul	887863	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	86





Library Search Compound Report

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Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

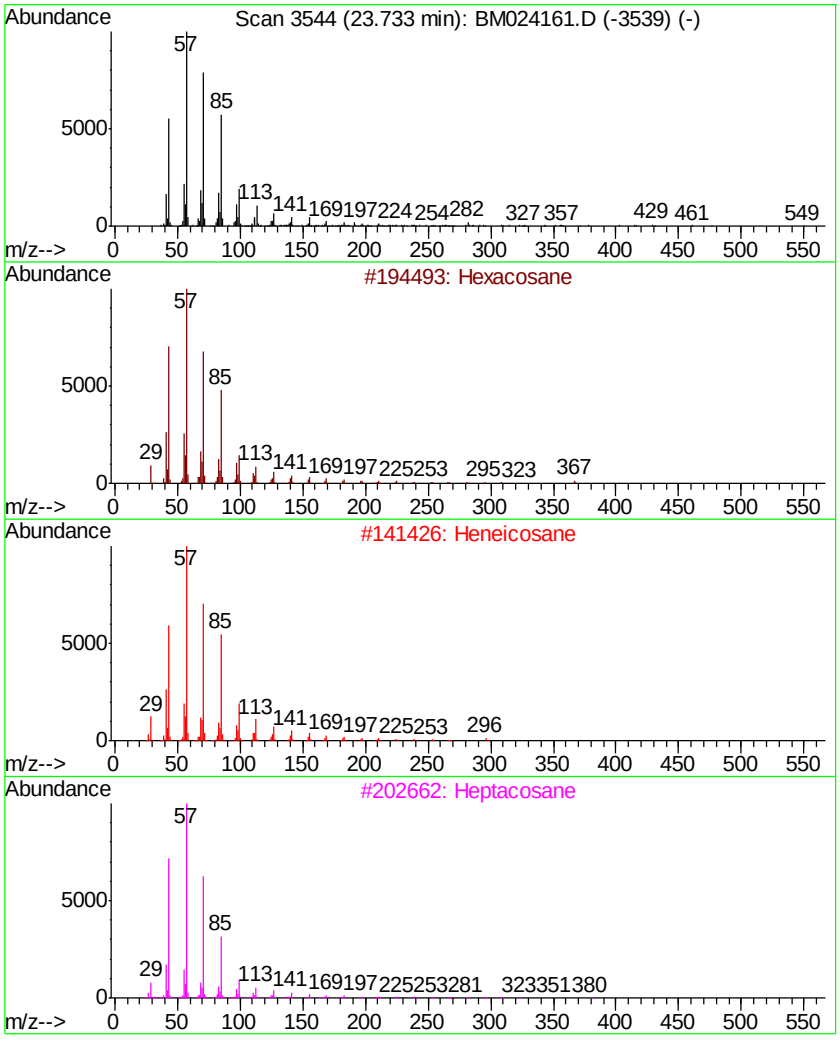
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

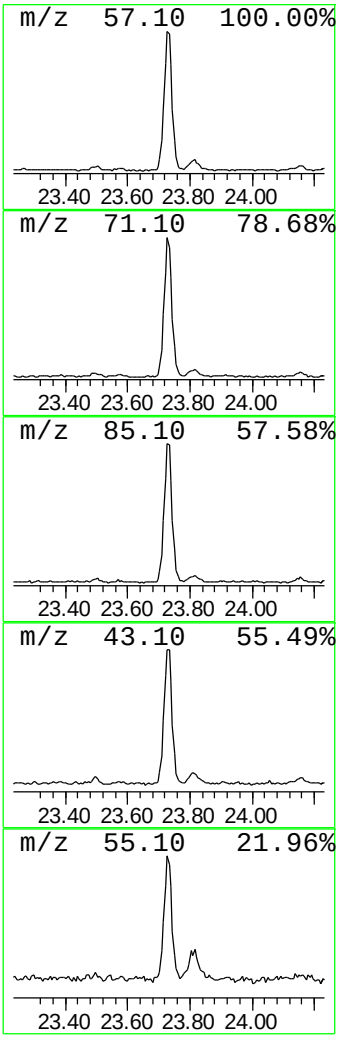
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	3.98 ng/ul	977304	Perylene-d12	23.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
Adipic acid, 2-et...	20.31	3.0	ng/ul	911440	5	21.08	6084020	20.0
Oxalic acid, isob...	20.82	3.5	ng/ul	1078740	5	21.08	6084020	20.0
(DEL) Alkane: Str...	21.68	2.4	ng/ul	725813	5	21.08	6084020	20.0
(DEL) Alkane: Str...	22.12	2.9	ng/ul	887863	5	21.08	6084020	20.0
(DEL) Alkane: Str...	23.73	4.0	ng/ul	977304	6	23.21	4908300	20.0