LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024404.D
Acq On : 31 Dec 2019 20:04
Operator : JU
Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

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	2.981	14	16	27	rVB	54875	85476	1.35%	0.147%
2	3.240	55	60	78	rVB2	56496	168084	2.66%	0.290%
3	3.599	117	121	126	rVB7	9815	17855	0.28%	0.031%
4	3.675	131	134	139	rVB4	11238	14410	0.23%	0.025%
5	6.610	627	633	652	rBV	259951	561192	8.88%	0.968%
6	6.763	653	659	677	rBV	739810	1288868	20.39%	2.222%
7	6.945	683	690	703	rBV	899562	1520140	24.05%	2.621%
8	7.404	762	768	780	rBV	814904	1324596	20.96%	2.284%
9	8.134	885	892	908	rBV	709309	1280057	20.25%	2.207%
10	8.557	957	964	986	rBV	905413	1645339	26.03%	2.837%
11	8.981	1033	1036	1040	rVB	13654	16969	0.27%	0.029%
12	9.039	1040	1046	1053	rBV4	12910	29634	0.47%	0.051%
13	9.275	1079	1086	1103	rBV	762099	1350343	21.36%	2.328%
14	9.816	1171	1178	1203	rBV	921631	1999697	31.64%	3.448%
15	10.169	1231	1238	1249	rBV	1135008	1847927	29.24%	3.186%
16	10.363	1266	1271	1282	rBV3	33825	92768	1.47%	0.160%
17	11.798	1509	1515	1521	rVB2	10739	19379	0.31%	0.033%
18	12.686	1660	1666	1671	rBV6	4852	10275	0.16%	0.018%
19	13.498	1797	1804	1809	rBV	2132099	3018588	47.76%	5.205%
20	13.545	1809	1812	1820	rVB	117922	176922	2.80%	0.305%
21	13.757	1841	1848	1861	rBV	2602392	3674604	58.14%	6.336%
22	14.068	1893	1901	1913	rBV	1628753	2377578	37.62%	4.100%
23	14.357	1944	1950	1962	rBV2	76523	246669	3.90%	0.425%
24	14.851	2029	2034	2039	rBV2	25113	36394	0.58%	0.063%
25	14.898	2039	2042	2044	rVV2	6204	7371	0.12%	0.013%
26	14.927	2044	2047	2050	rVB	10677	13637	0.22%	0.024%
27	15.074	2065	2072	2083	rBV	3239799	4613309	72.99%	7.955%
28	15.233	2093	2099	2110	rBV	818598	1283846	20.31%	2.214%
29	15.315	2110	2113	2120	rVB2	39412	62591	0.99%	0.108%
30	15.651	2164	2170	2171	rBV4	4414	6607	0.10%	0.011%
31	15.821	2195	2199	2202	rBV4	5433	7445	0.12%	0.013%
32	15.862	2202	2206	2211	rVB8	11283	18812	0.30%	0.032%
33	15.939	2214	2219	2223	rVB5	5216	8309	0.13%	0.014%
34	16.615	2330	2334	2340	rBV7	13400	22497	0.36%	0.039%

LSC Area Percent Report

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Data File : BM024404.D
Acq On : 31 Dec 2019 20:04
Operator : JU
Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

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	16.662	2340	2342	2348	rVB5	10218	14792	0.23%	0.026%
36	16.827	2364	2370	2381	rVV	1938799	2682743	42.45%	4.626%
37	16.927	2381	2387	2402	rVV	3466656	4948320	78.29%	8.532%
38	17.039	2404	2406	2411	rVV5	8881	13718	0.22%	0.024%
39	17.092	2411	2415	2420	rVV8	5704	12149	0.19%	0.021%
40	17.139	2420	2423	2428	rVB6	5227	8358	0.13%	0.014%
41	17.351	2455	2459	2462	rBV5	8643	12316	0.19%	0.021%
42	17.515	2482	2487	2492	rBV7	8668	14747	0.23%	0.025%
43	17.751	2523	2527	2536	rBV	111339	174543	2.76%	0.301%
44	17.815	2536	2538	2544	rVB2	12975	21570	0.34%	0.037%
45	18.039	2574	2576	2580	rBV4	8681	11668	0.18%	0.020%
46	18.086	2580	2584	2585	rBV4	5457	6451	0.10%	0.011%
47	18.656	2679	2681	2684	rBV4	5607	8647	0.14%	0.015%
48	18.698	2684	2688	2693	rVV5	18270	30774	0.49%	0.053%
49	18.874	2714	2718	2723	rBV	38683	59530	0.94%	0.103%
50	19.050	2744	2748	2753	rBV3	58773	84328	1.33%	0.145%
51	19.127	2757	2761	2768	rVV	36967	54969	0.87%	0.095%
52	19.239	2774	2780	2786	rBV	4322382	5683192	89.92%	9.800%
53	19.821	2876	2879	2885	rVB	81403	86911	1.38%	0.150%
54	20.321	2961	2964	2968	rVB2	99746	101375	1.60%	0.175%
55	20.786	3039	3043	3051	rBV	440944	599191	9.48%	1.033%
56	21.050	3083	3088	3098	rBV	2190514	2990422	47.31%	5.156%
57	21.227	3115	3118	3122	rVB	174721	170609	2.70%	0.294%
58	21.644	3185	3189	3197	rBV	242696	349944	5.54%	0.603%
59	22.080	3260	3263	3268	rVB	322875	380572	6.02%	0.656%
60	22.550	3340	3343	3350	rVB	347000	465726	7.37%	0.803%
61	23.038	3419	3426	3431	rBV	3503069	6320481	100.00%	10.898%
62	23.168	3442	3448	3461	rVB	1768891	3324594	52.60%	5.733%
63	23.674	3530	3534	3540	rVB	313907	513667	8.13%	0.886%

Sum of corrected areas: 57994495

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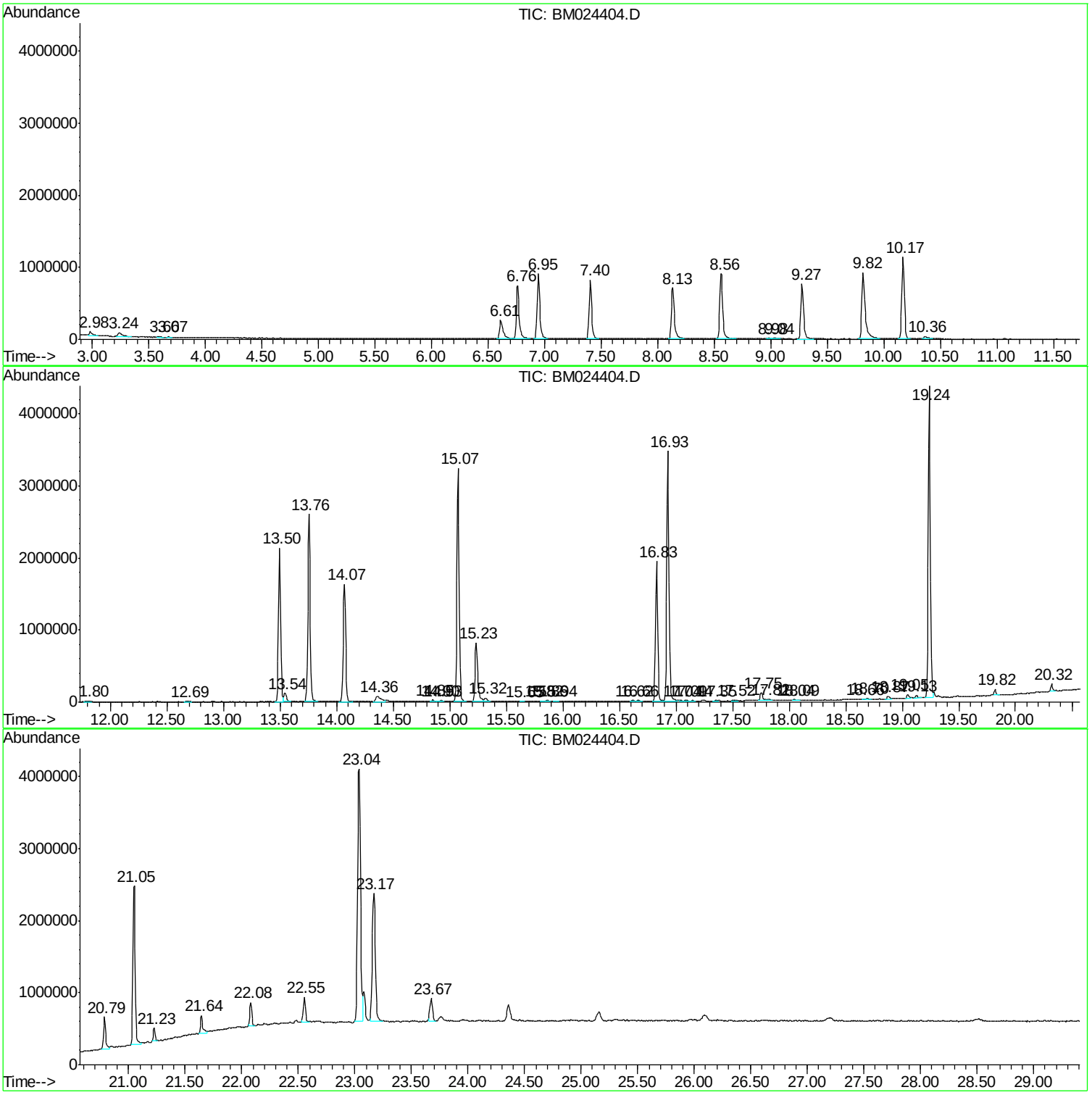
Instrument :
BNA_M
ClientSampleId :
BFF16

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

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Data File : BM024404.D
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Operator : JU
Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

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

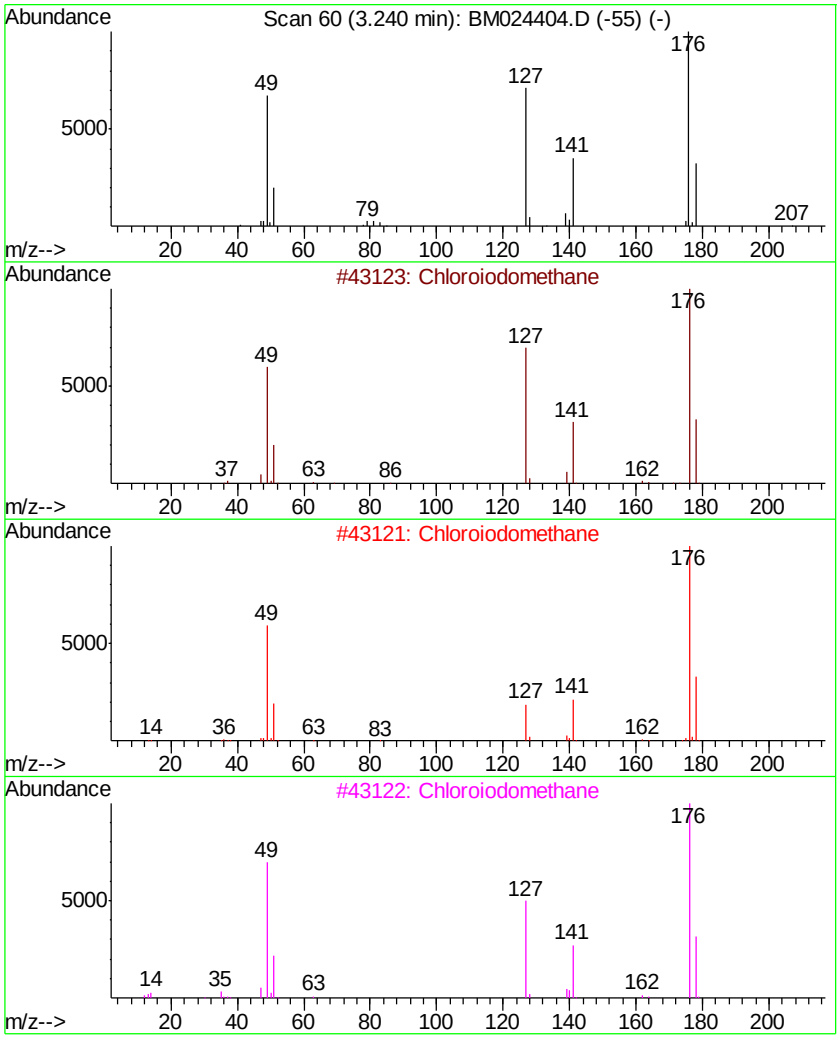
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

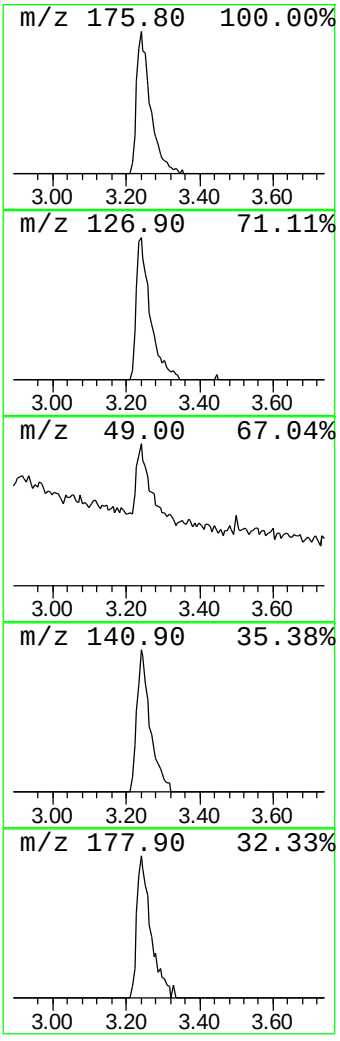
****

Peak Number 1 Chloroiodomethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	2.54 ng/ul	168084	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroiodomethane	176	CH2ClI	000593-71-5	91
2	Chloroiodomethane	176	CH2ClI	000593-71-5	90
3	Chloroiodomethane	176	CH2ClI	000593-71-5	90
4	Chloromethylphosphonic dichloride	166	CH2Cl3OP	001983-26-2	23
5	Chloromethyl thiocyanate	107	C2H2ClNS	003268-79-9	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024404.D
Acq On : 31 Dec 2019 20:04
Operator : JU
Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

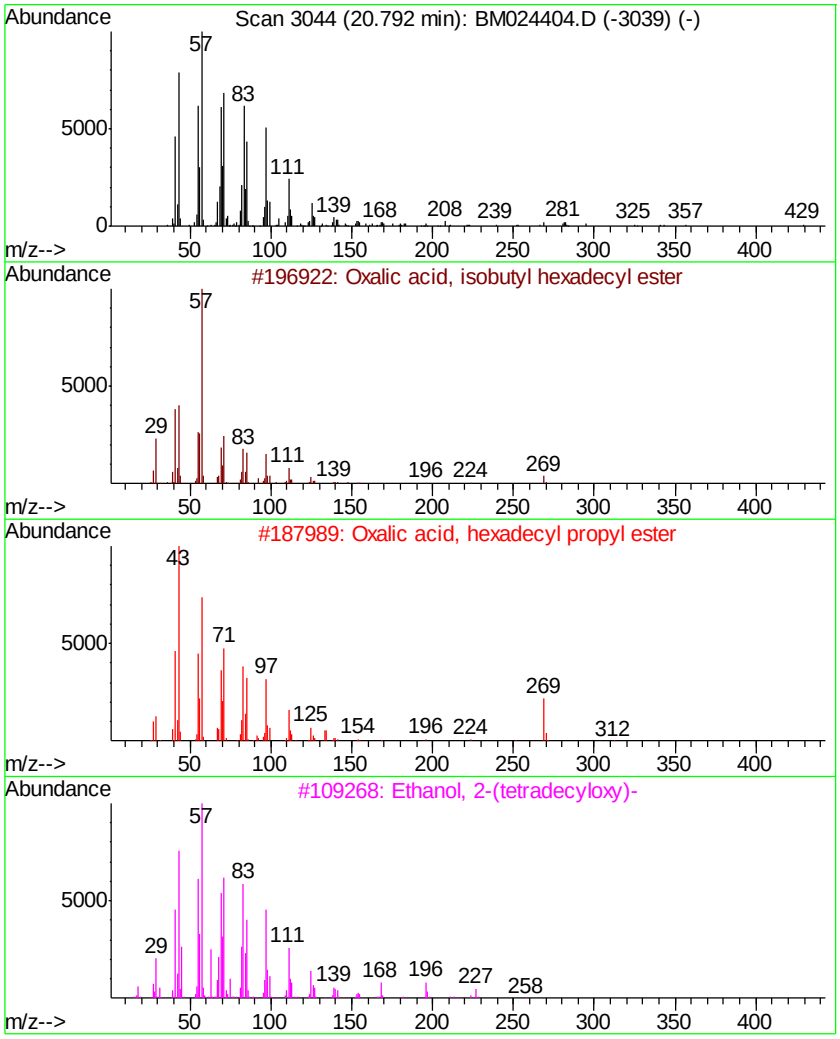
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

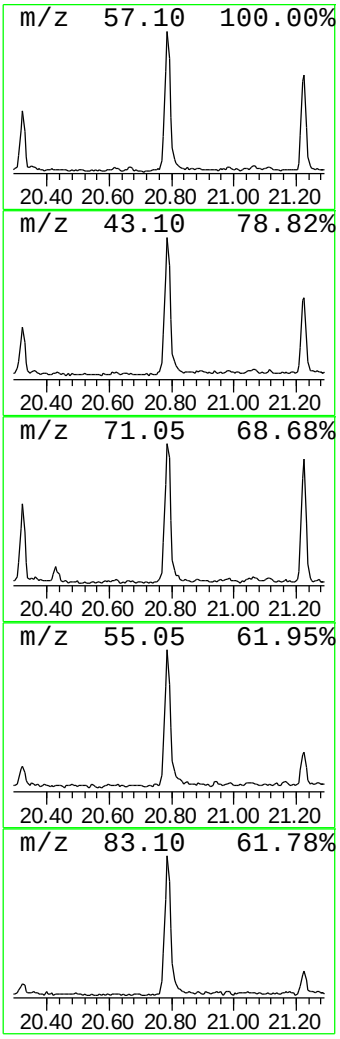
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Oxalic acid, isobutyl hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	4.01 ng/ul	599191	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





Library Search Compound Report

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Data File : BM024404.D
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Operator : JU
Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

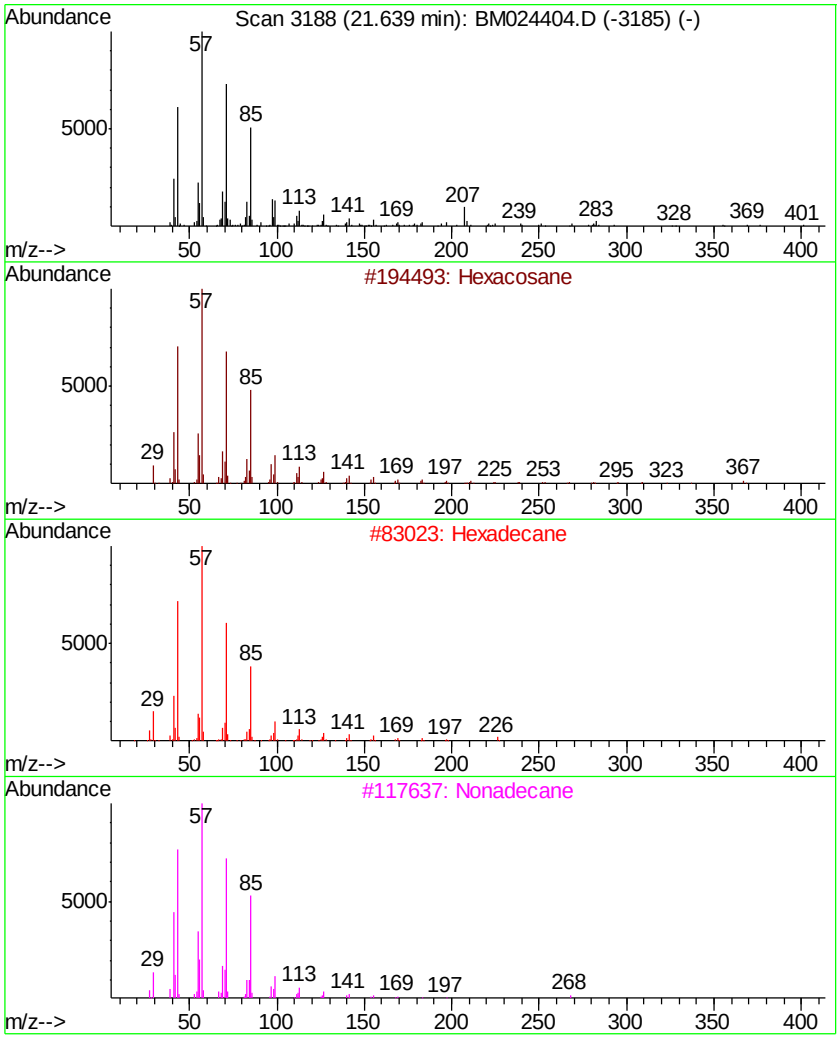
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

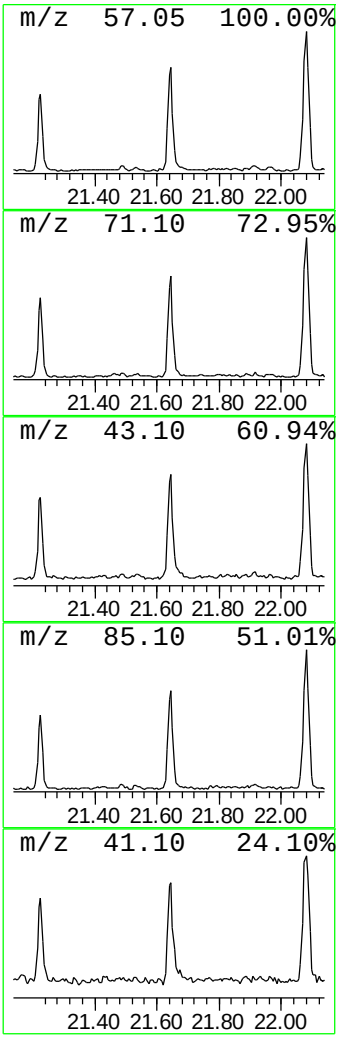
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.34 ng/ul	349944	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024404.D
Acq On : 31 Dec 2019 20:04
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Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

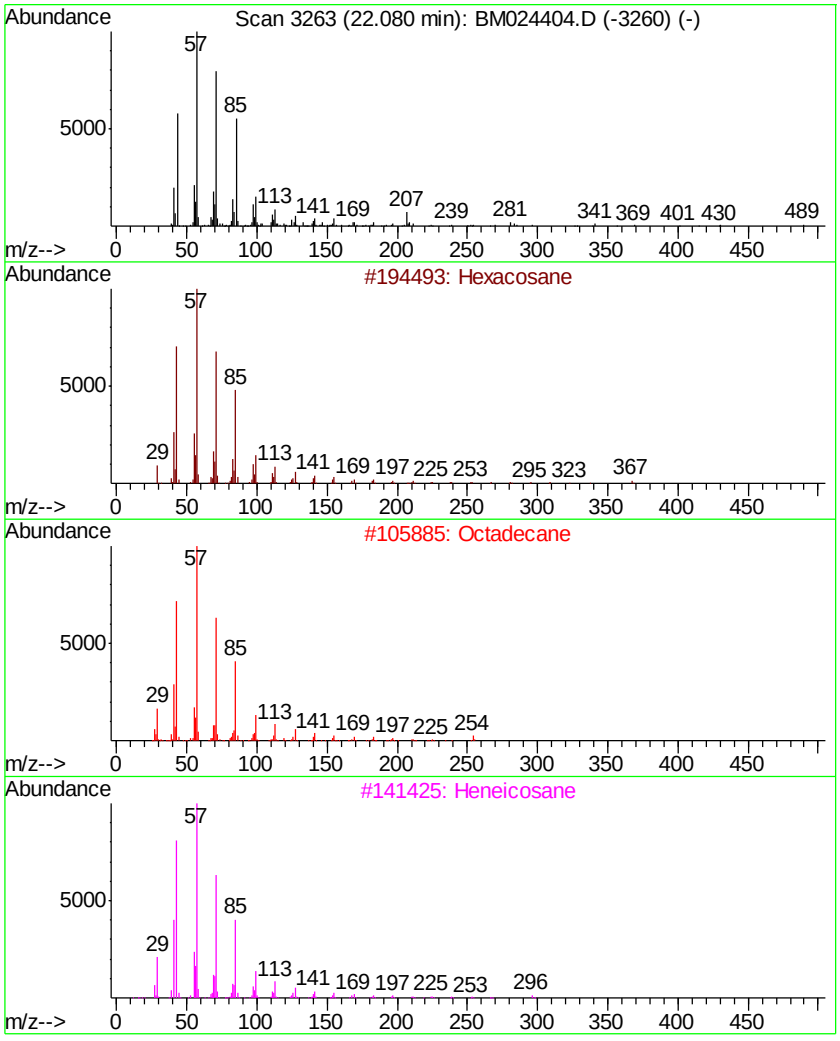
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

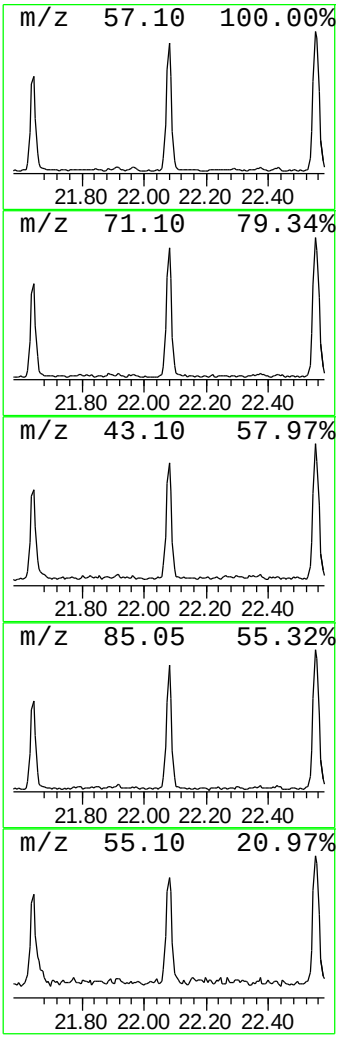
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.55 ng/ul	380572	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

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

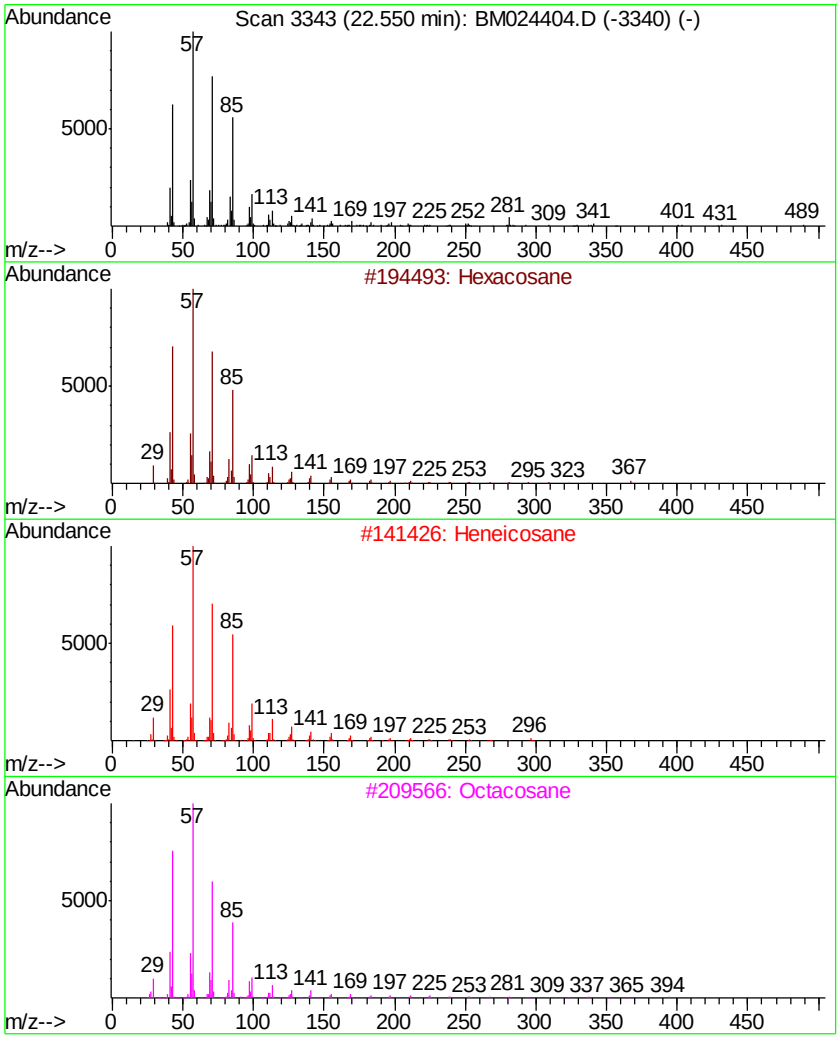
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

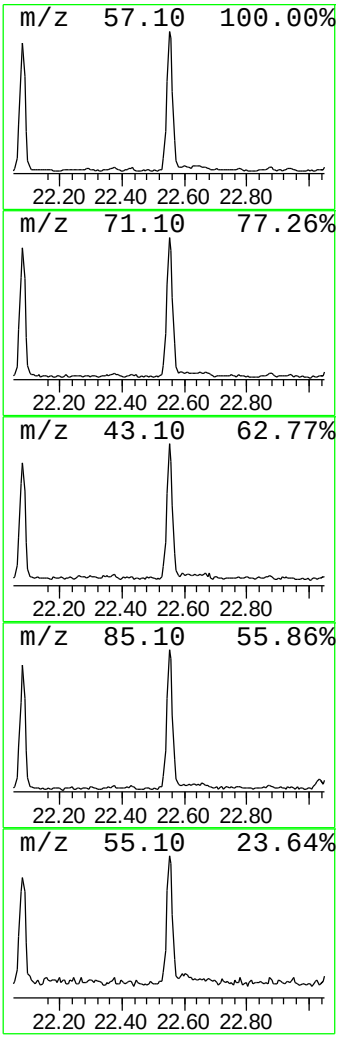
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.80 ng/ul	465726	Perylene-d12	23.17

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	Octacosane	394	C28H58	000630-02-4	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : K6314-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF16

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

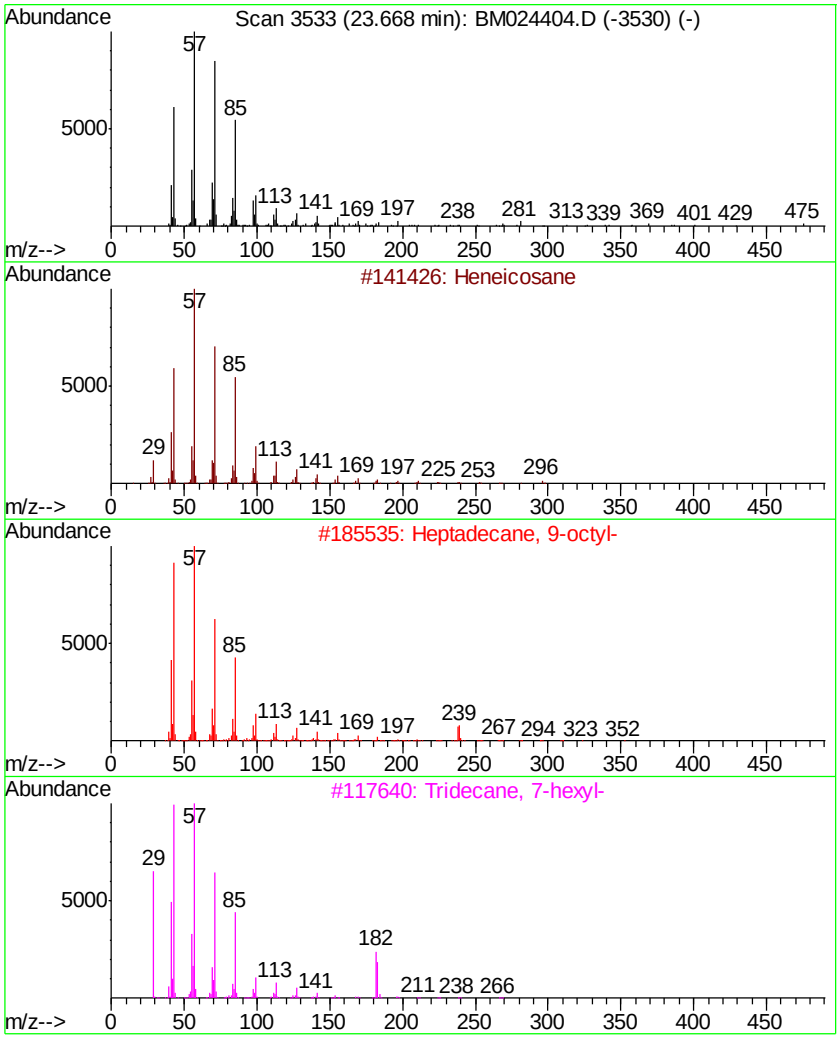
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

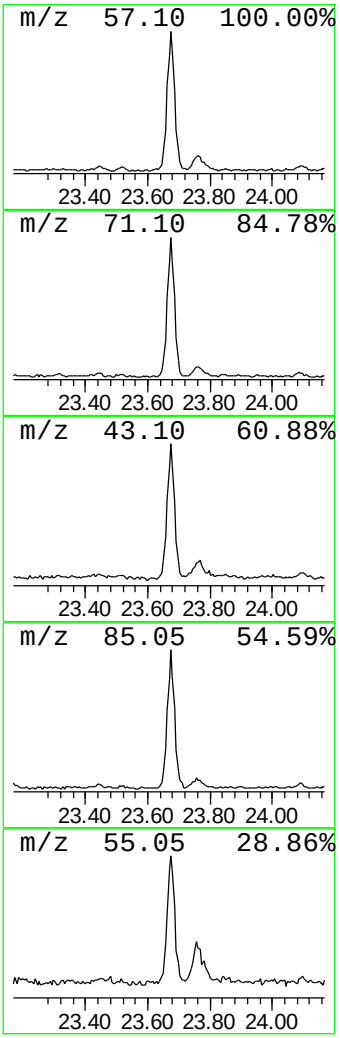
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	3.09 ng/ul	513667	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123119\
Data File : BM024404.D
Acq On : 31 Dec 2019 20:04
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Instrument : BNA_M
ClientSampleId : BFF16

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
Chloroiodomethane	3.24	2.5	ng/ul	168084	1	7.40	1324600	20.0
Oxalic acid, isob...	20.79	4.0	ng/ul	599191	5	21.05	2990420	20.0
(DEL) Alkane: Str...	21.64	2.3	ng/ul	349944	5	21.05	2990420	20.0
(DEL) Alkane: Str...	22.08	2.5	ng/ul	380572	5	21.05	2990420	20.0
(DEL) Alkane: Str...	22.55	2.8	ng/ul	465726	6	23.17	3324590	20.0
(DEL) Alkane: Str...	23.67	3.1	ng/ul	513667	6	23.17	3324590	20.0