LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

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-BM112719MA.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	3.028	21	24	32	rVB	58182	84710	1.07%	0.108%
2	3.722	139	142	151	rVB4	17518	27767	0.35%	0.035%
3	4.163	215	217	221	rVB4	7443	9503	0.12%	0.012%
4	6.669	635	643	655	rBV	272817	505891	6.42%	0.643%
5	6.822	663	669	686	rBV	911157	1547243	19.62%	1.968%
6	7.010	694	701	715	rBV	1028086	1718892	21.80%	2.186%
7	7.469	772	779	790	rBV	1051899	1755825	22.27%	2.233%
8	8.193	892	902	916	rBV	839614	1434605	18.19%	1.825%
9	8.622	968	975	991	rVV	1152328	1971102	25.00%	2.507%
10	9.057	1045	1049	1053	rBV	22391	36384	0.46%	0.046%
11	9.092	1053	1055	1060	rVB6	14963	17464	0.22%	0.022%
12	9.339	1090	1097	1108	rBV	935738	1645753	20.87%	2.093%
13	9.516	1121	1127	1131	rBV8	4544	10813	0.14%	0.014%
14	9.875	1182	1188	1206	rBV	1434721	2605363	33.04%	3.314%
15	10.239	1242	1250	1265	rBV	1509909	2581773	32.74%	3.284%
16	10.410	1271	1279	1291	rBV3	39373	102618	1.30%	0.131%
17	10.834	1348	1351	1355	rVB6	6713	9831	0.12%	0.013%
18	10.916	1361	1365	1375	rVB6	15552	31737	0.40%	0.040%
19	11.098	1391	1396	1402	rVB8	12166	21243	0.27%	0.027%
20	11.851	1516	1524	1527	rBV2	20263	33904	0.43%	0.043%
21	11.910	1531	1534	1540	rBV7	4514	8798	0.11%	0.011%
22	12.145	1569	1574	1577	rVB6	5561	8355	0.11%	0.011%
23	12.228	1582	1588	1592	rBV8	4296	8866	0.11%	0.011%
24	12.475	1625	1630	1634	rBV7	5184	8955	0.11%	0.011%
25	12.622	1651	1655	1659	rBV4	10701	16897	0.21%	0.021%
26	12.728	1670	1673	1678	rVB5	8671	14932	0.19%	0.019%
27	13.039	1720	1726	1732	rVV2	24404	39187	0.50%	0.050%
28	13.369	1779	1782	1787	rVB7	7758	12746	0.16%	0.016%
29	13.551	1806	1813	1818	rBV	2736278	3812700	48.35%	4.850%
30	13.598	1818	1821	1832	rVB	261845	372004	4.72%	0.473%
31	13.675	1832	1834	1837	rVB4	10258	9790	0.12%	0.012%
32	13.716	1838	1841	1842	rBV3	8119	8540	0.11%	0.011%
33	13.816	1851	1858	1869	rBV	3373539	4909815	62.26%	6.245%
34	13.886	1869	1870	1875	rVV5	14757	17841	0.23%	0.023%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

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-BM112719MA.M
Title : SVOA CALIBRATION

35	13.951	1878	1881	1888	rVB	36118	57685	0.73%	0.073%
36	14.127	1904	1911	1918	rBV	2369659	3382689	42.90%	4.303%
37	14.216	1918	1926	1937	rVV2	214238	483914	6.14%	0.616%
38	14.386	1950	1955	1966	rBV	136098	323909	4.11%	0.412%
39	14.586	1986	1989	1994	rVB7	16098	25132	0.32%	0.032%
40	14.745	2013	2016	2017	rBV3	10196	11511	0.15%	0.015%
41	14.974	2053	2055	2059	rVB	16664	22000	0.28%	0.028%
42	15.127	2075	2081	2088	rBV	4148139	6021266	76.36%	7.659%
43	15.274	2101	2106	2117	rBV	1172895	1659446	21.04%	2.111%
44	15.369	2119	2122	2129	rVB3	50298	83067	1.05%	0.106%
45	15.874	2202	2208	2212	rBV9	19756	45844	0.58%	0.058%
46	15.927	2212	2217	2222	rVB5	28890	60272	0.76%	0.077%
47	16.674	2339	2344	2347	rBV4	25493	46444	0.59%	0.059%
48	16.880	2373	2379	2390	rBV	2565282	3805877	48.27%	4.841%
49	16.980	2390	2396	2407	rBV	4389316	6229789	79.00%	7.924%
50	17.810	2532	2537	2545	rBV	362058	568565	7.21%	0.723%
51	18.921	2724	2726	2729	rVB	44806	40158	0.51%	0.051%
52	19.104	2753	2757	2765	rBV2	182796	312289	3.96%	0.397%
53	19.286	2783	2788	2796	rBV	5229601	7142879	90.58%	9.086%
54	19.356	2796	2800	2805	rVB	115830	168604	2.14%	0.214%
55	20.833	3047	3051	3056	rBV2	857656	1067062	13.53%	1.357%
56	21.092	3090	3095	3101	rBV	3429856	4363452	55.34%	5.550%
57	21.274	3123	3126	3129	rBV2	185304	200680	2.54%	0.255%
58	21.692	3194	3197	3207	rBV	412077	596508	7.56%	0.759%
59	22.133	3269	3272	3276	rVB	608830	716609	9.09%	0.912%
60	22.615	3350	3354	3359	rVB	683207	923949	11.72%	1.175%
61	23.097	3430	3436	3441	rBV	4711755	7885365	100.00%	10.030%
62	23.144	3441	3444	3450	rVB	745392	1121044	14.22%	1.426%
63	23.227	3453	3458	3467	rVB2	2636101	4819196	61.12%	6.130%
64	23.750	3543	3547	3555	rVB	588464	1029962	13.06%	1.310%

Sum of corrected areas: 78617014

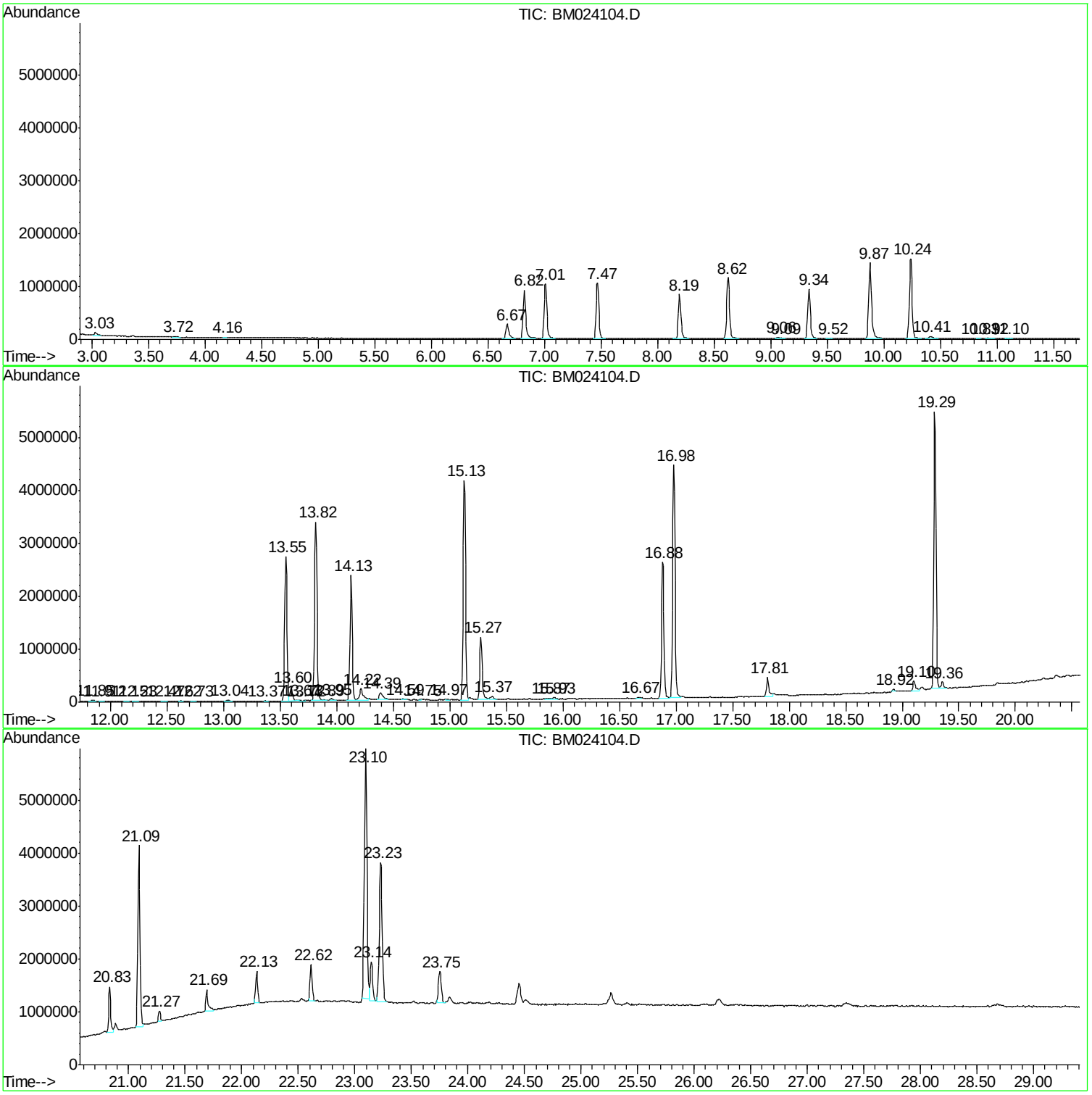
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

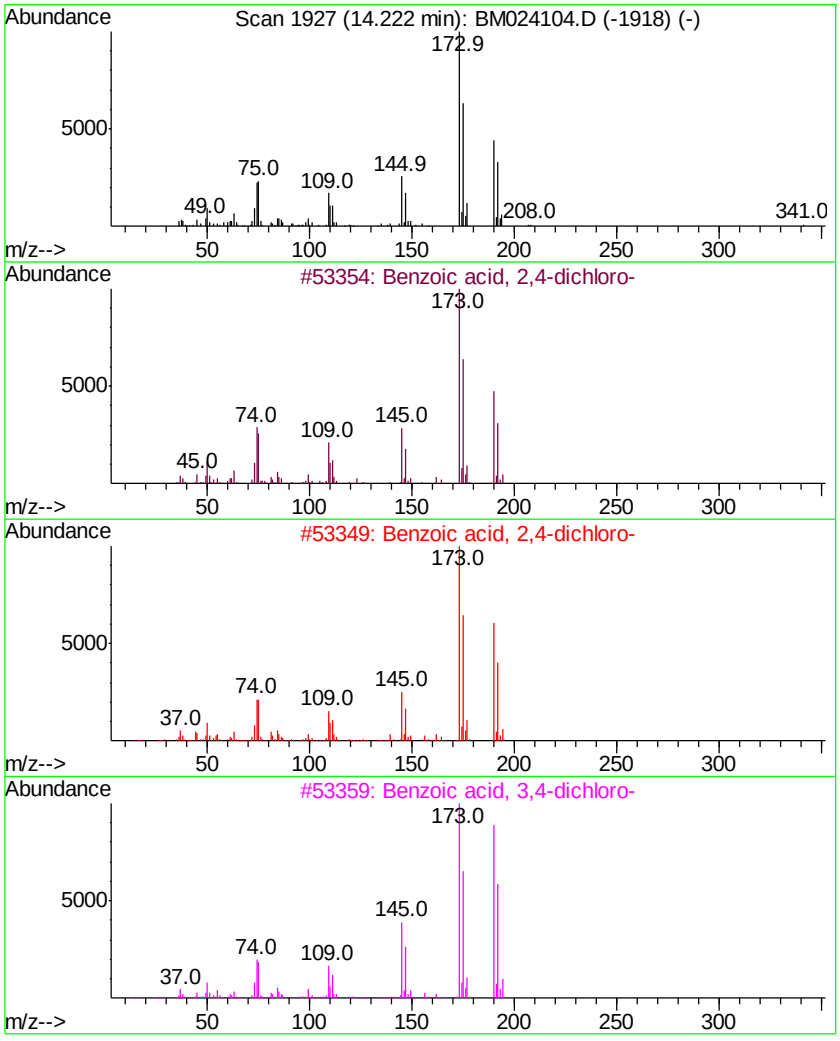
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

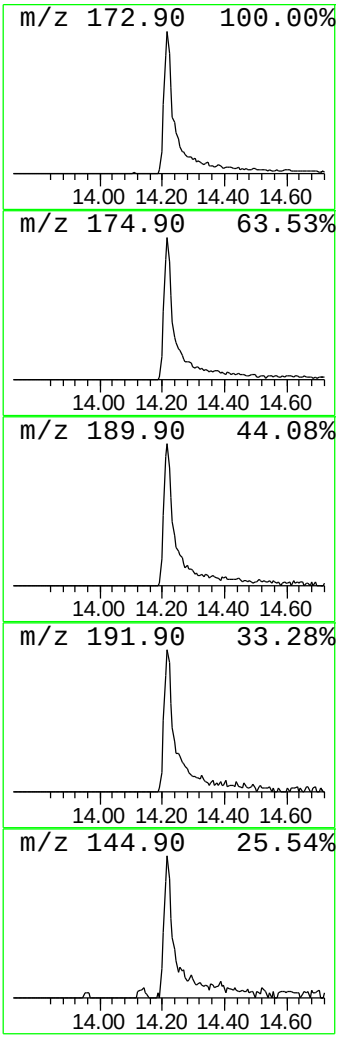
****

Peak Number 1 Benzoic acid, 2,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.86 ng/ul	483914	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	99
2	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	98
3	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	95
4	Benzoic acid, 2,5-dichloro-	190	C7H4Cl2O2	000050-79-3	95
5	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

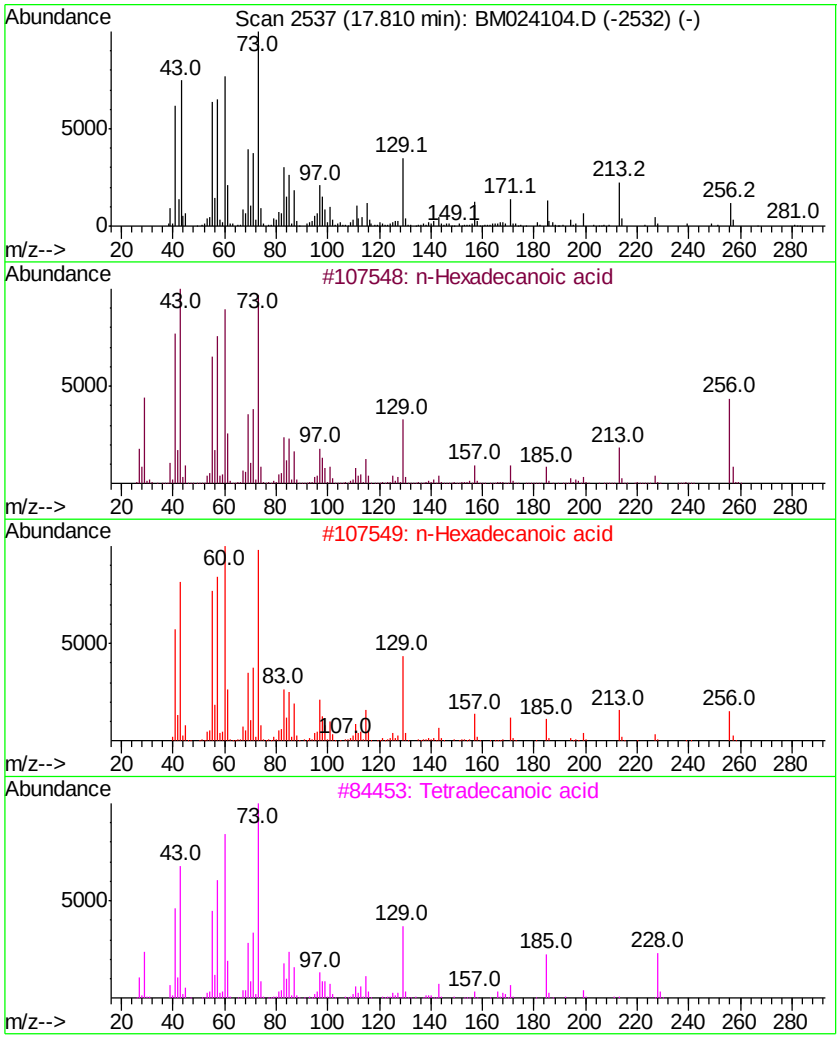
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

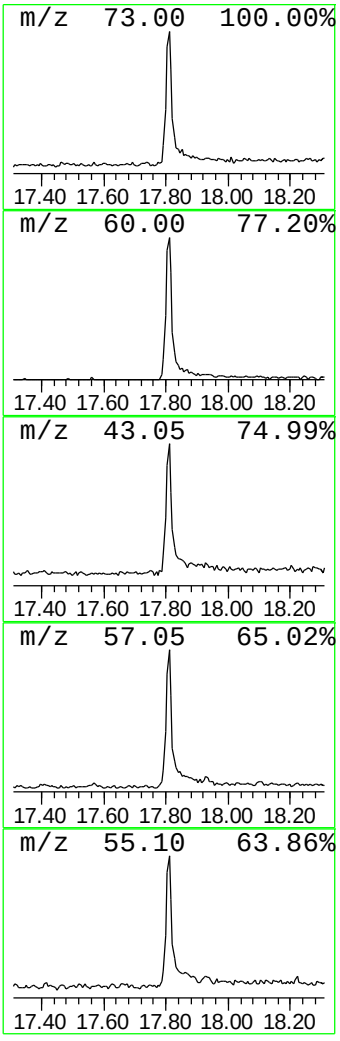
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.99 ng/ul	568565	Phenanthrene-d10	16.88

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	99
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

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Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

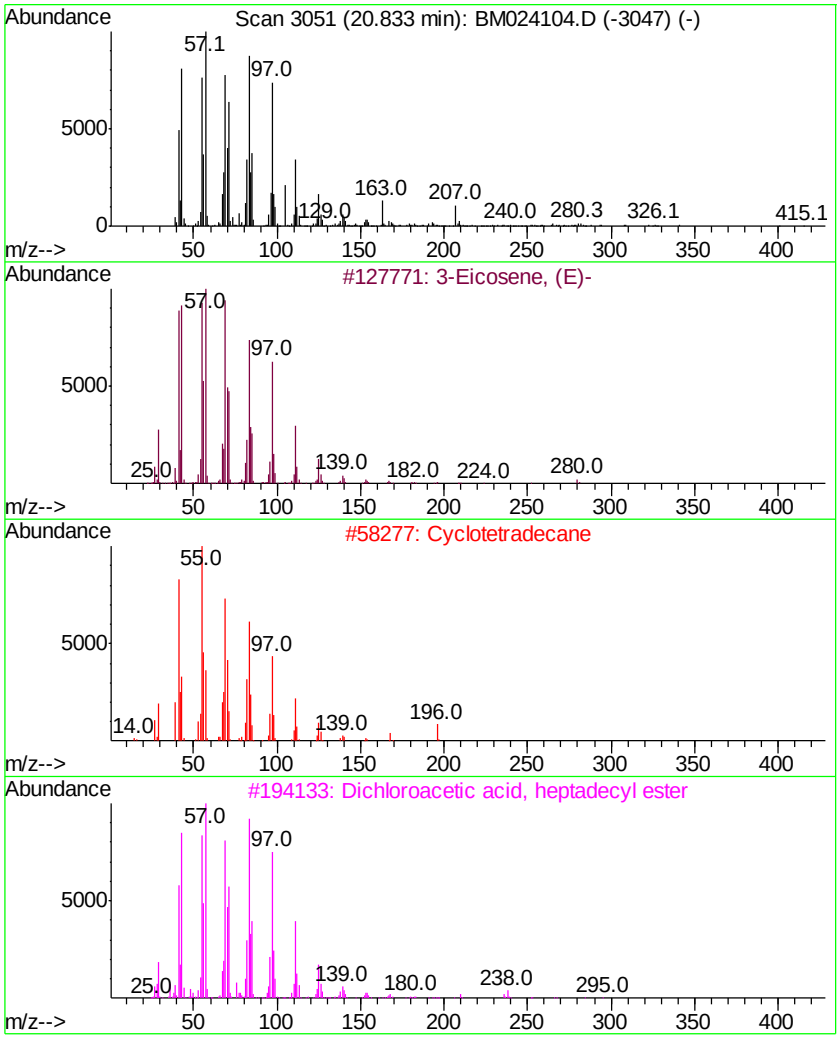
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

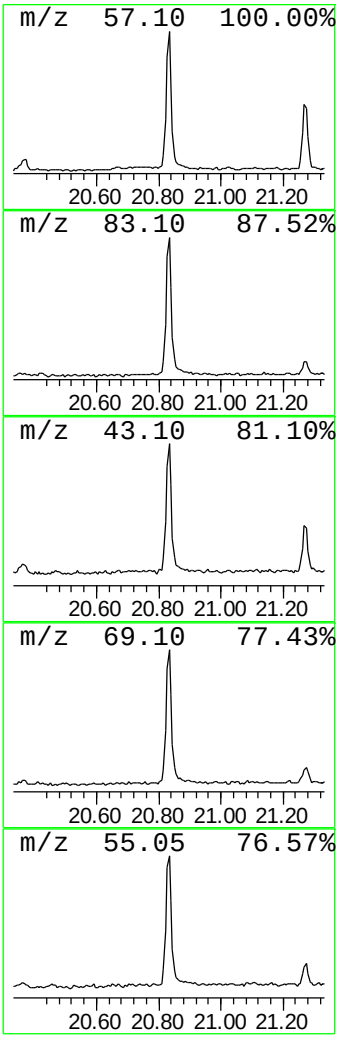
****

Peak Number 3 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.89 ng/ul	1067060	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Cyclotetradecane	196	C14H28	000295-17-0	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

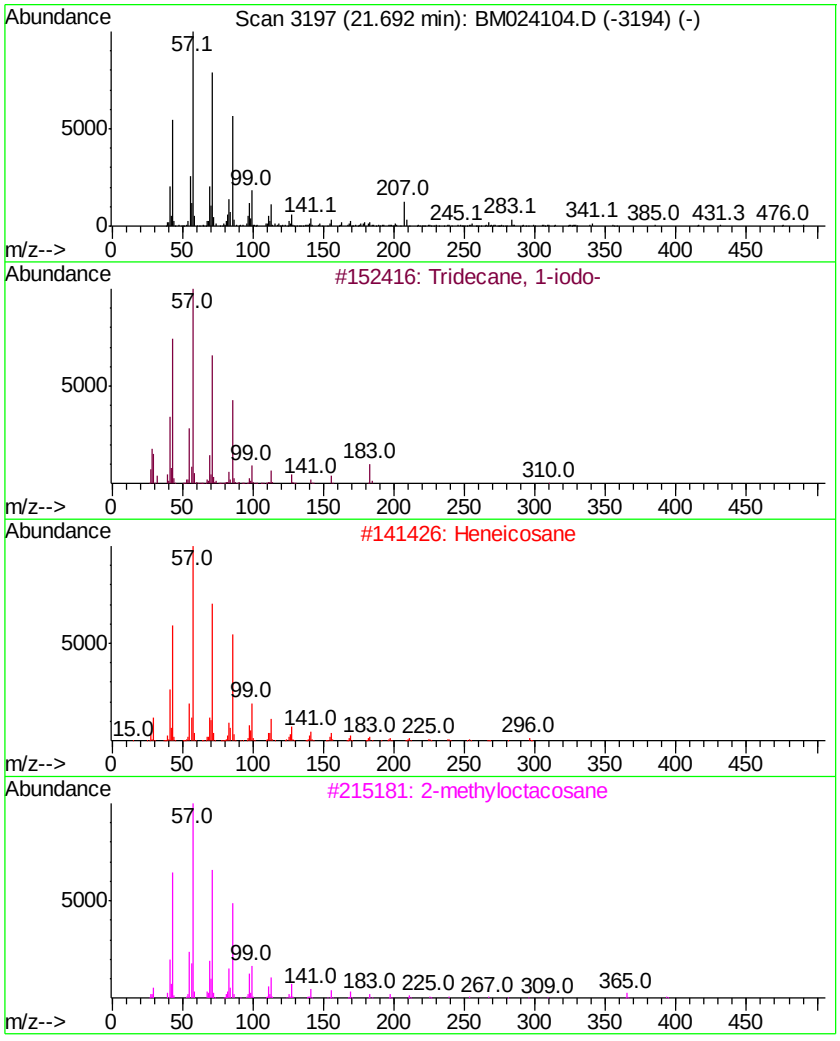
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

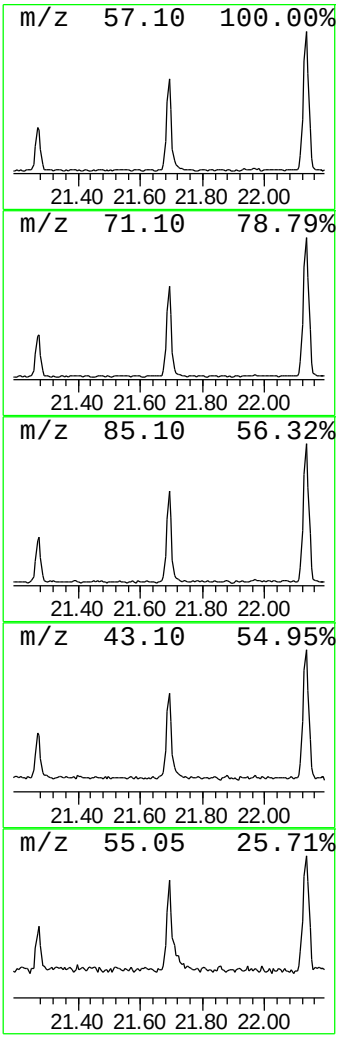
****

Peak Number 4 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.73 ng/ul	596508	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

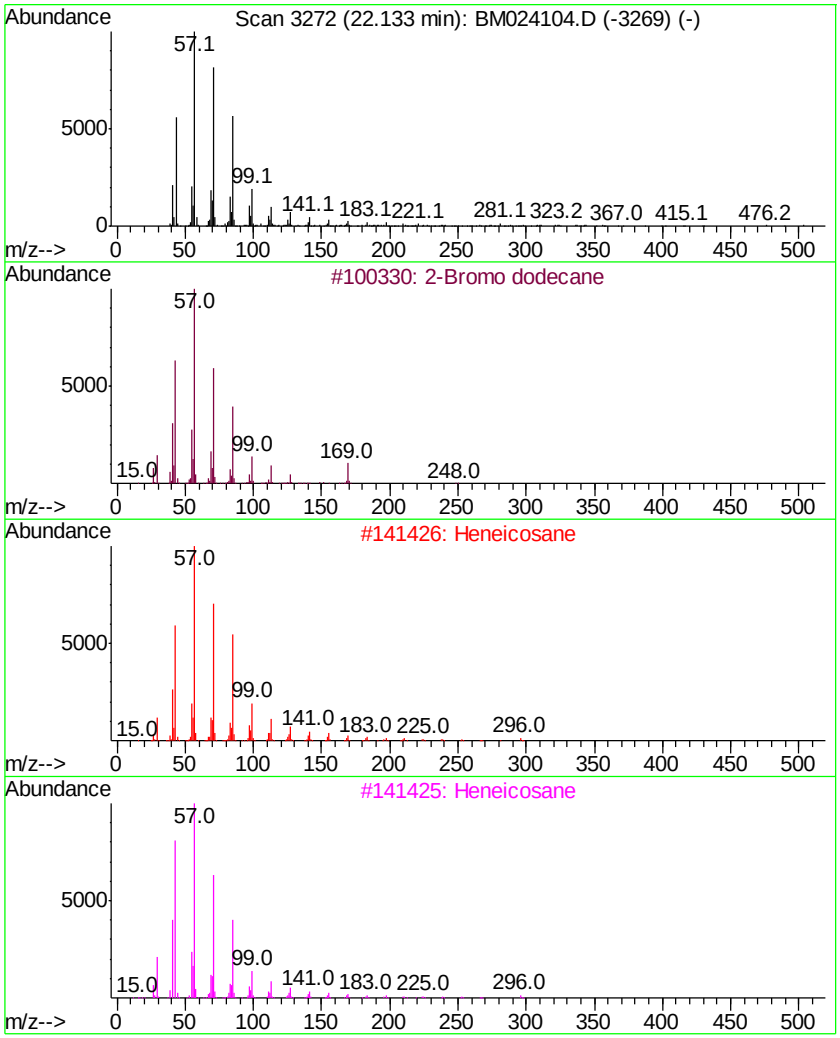
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

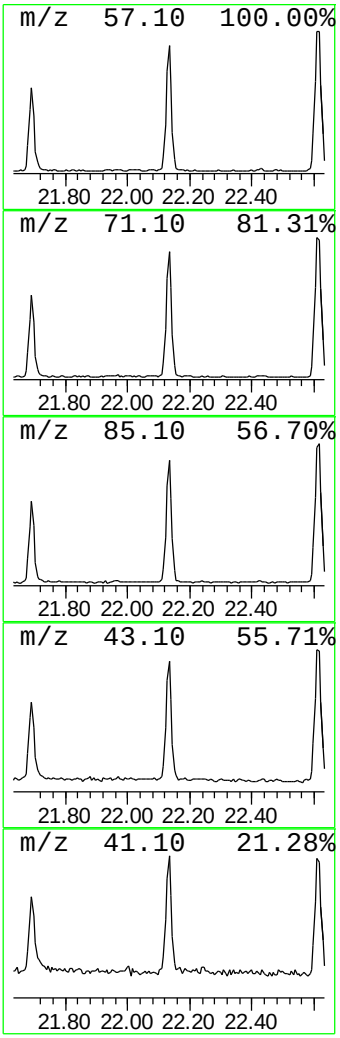
****

Peak Number 5 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	3.28 ng/ul	716609	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

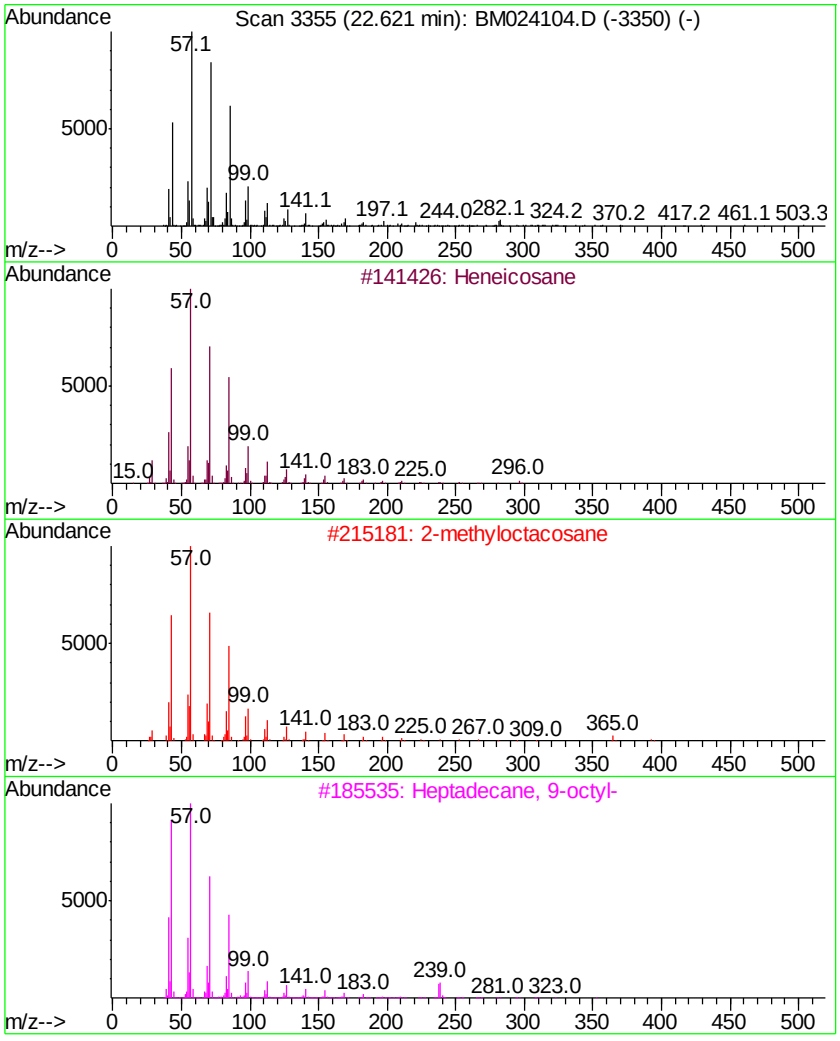
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

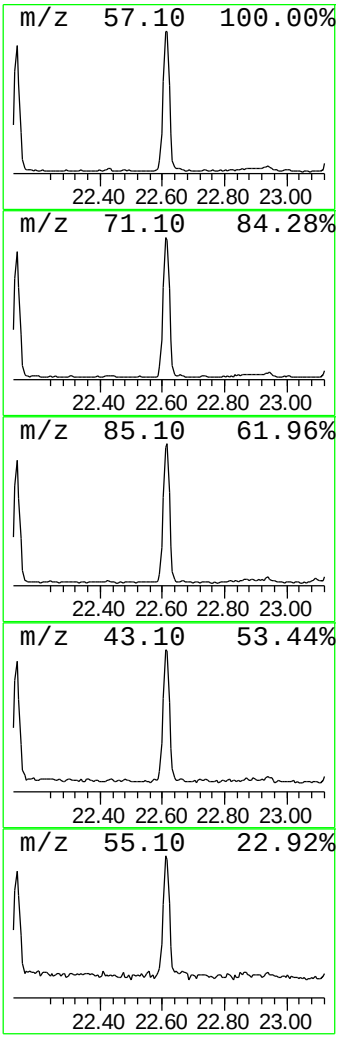
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	3.83 ng/ul	923949	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

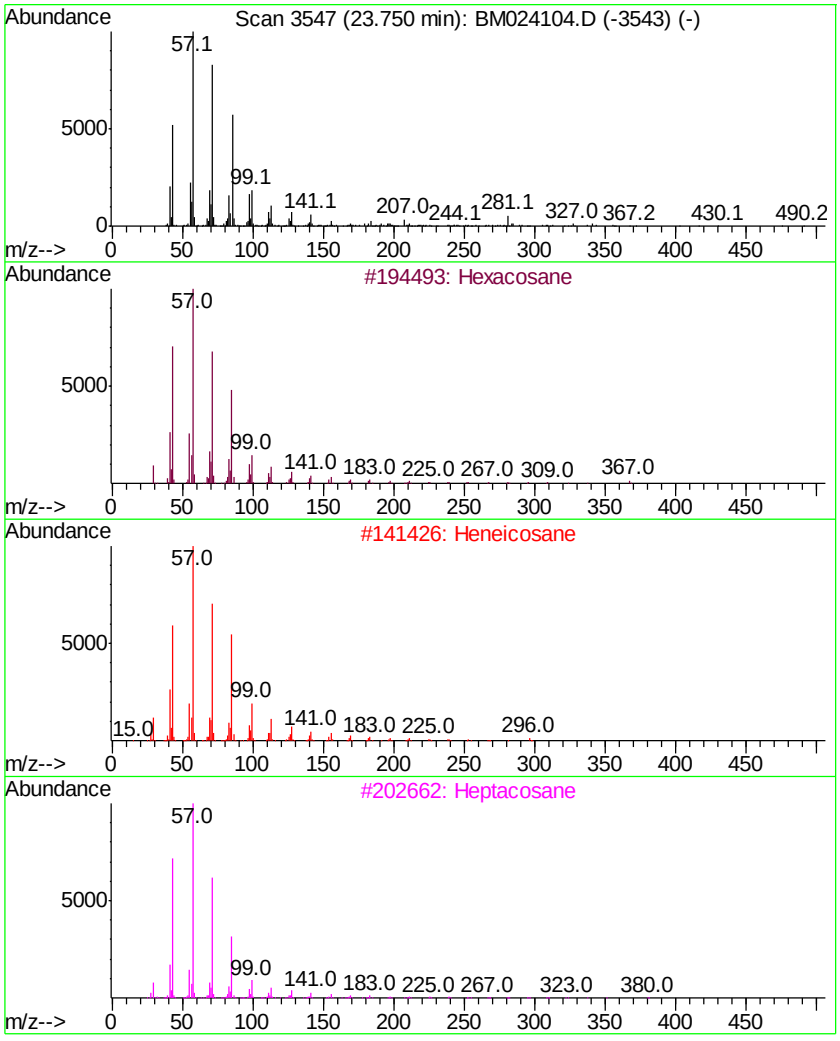
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

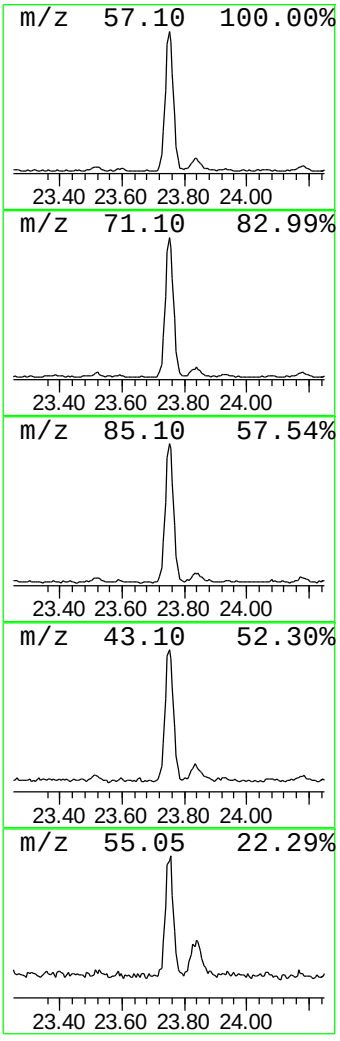
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	4.27 ng/ul	1029960	Perylene-d12	23.23

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	Heptacosane	380	C27H56	000593-49-7	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024104.D
Acq On : 13 Dec 2019 22:36
Operator : JU
Sample : K6167-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
Benzoic acid, 2,4...	14.22	2.9	ng/ul	483914	3	14.13	3382690	20.0
n-Hexadecanoic acid	17.81	3.0	ng/ul	568565	4	16.88	3805880	20.0
(DEL) Alkane: Cyc...	20.83	4.9	ng/ul	1067060	5	21.09	4363450	20.0
Tridecane, 1-iodo-	21.69	2.7	ng/ul	596508	5	21.09	4363450	20.0
2-Bromo dodecane	22.13	3.3	ng/ul	716609	5	21.09	4363450	20.0
(DEL) Alkane: Str...	22.62	3.8	ng/ul	923949	6	23.23	4819200	20.0
(DEL) Alkane: Str...	23.75	4.3	ng/ul	1029960	6	23.23	4819200	20.0