LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024095.D
Acq On : 13 Dec 2019 17:12
Operator : JU
Sample : K6167-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT8

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	35	rVB	130676	186057	2.60%	0.232%
2	3.728	141	143	147	rVB	20265	22555	0.31%	0.028%
3	6.669	637	643	658	rVB	372794	700816	9.78%	0.873%
4	6.822	663	669	683	rBV	1062597	1781995	24.88%	2.221%
5	7.010	694	701	713	rBV	1247364	2074667	28.97%	2.586%
6	7.469	772	779	789	rBV	1273717	2037612	28.45%	2.539%
7	7.557	789	794	806	rVB	11207	35683	0.50%	0.044%
8	8.193	896	902	920	rBV	999900	1716514	23.97%	2.139%
9	8.575	960	967	968	rBV5	5416	8828	0.12%	0.011%
10	8.622	968	975	991	rVV	1305737	2177151	30.40%	2.713%
11	9.063	1045	1050	1054	rBV	24040	39669	0.55%	0.049%
12	9.340	1090	1097	1108	rBV	1058631	1791980	25.02%	2.233%
13	9.646	1145	1149	1153	rVB4	8140	12944	0.18%	0.016%
14	9.875	1180	1188	1212	rBV	1532951	2884484	40.27%	3.595%
15	10.240	1242	1250	1262	rBV	1681846	2827262	39.47%	3.523%
16	10.410	1273	1279	1298	rVB3	38744	114638	1.60%	0.143%
17	10.840	1349	1352	1358	rVB6	7896	11417	0.16%	0.014%
18	11.804	1511	1516	1517	rBV5	5725	9408	0.13%	0.012%
19	11.845	1517	1523	1530	rVV2	24459	49392	0.69%	0.062%
20	12.739	1671	1675	1680	rVB8	7717	11268	0.16%	0.014%
21	12.998	1710	1719	1723	rBV10	5726	14480	0.20%	0.018%
22	13.045	1723	1727	1732	rBV7	9654	19204	0.27%	0.024%
23	13.445	1792	1795	1800	rBV7	10118	16945	0.24%	0.021%
24	13.551	1806	1813	1818	rBV	2866410	3875260	54.11%	4.830%
25	13.598	1818	1821	1832	rVB	135205	205888	2.87%	0.257%
26	13.675	1832	1834	1838	rBV4	7016	9365	0.13%	0.012%
27	13.751	1844	1847	1850	rVB4	5283	7258	0.10%	0.009%
28	13.816	1851	1858	1871	rBV	3347247	4928425	68.81%	6.142%
29	14.063	1896	1900	1903	rVB5	7281	9610	0.13%	0.012%
30	14.128	1905	1911	1918	rBV	2345341	3417719	47.72%	4.259%
31	14.222	1918	1927	1949	rVV	2078006	3910095	54.59%	4.873%
32	14.380	1949	1954	1974	rVB2	194984	578648	8.08%	0.721%
33	14.904	2041	2043	2048	rVB6	13888	15501	0.22%	0.019%
34	15.127	2075	2081	2089	rBV	4058987	5980744	83.50%	7.453%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFQT8

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	15.275	2101	2106	2115	rBV	1204577	1691620	23.62%	2.108%
36	15.369	2119	2122	2131	rVB2	53423	102456	1.43%	0.128%
37	15.633	2165	2167	2169	rBV3	8082	8295	0.12%	0.010%
38	15.874	2204	2208	2211	rBV6	15607	27058	0.38%	0.034%
39	16.669	2341	2343	2347	rBV3	15707	23614	0.33%	0.029%
40	16.880	2373	2379	2390	rBV	2515062	3661014	51.12%	4.563%
41	16.980	2390	2396	2408	rVV2	4159983	5967371	83.32%	7.437%
42	17.810	2532	2537	2544	rBV	354198	565766	7.90%	0.705%
43	18.927	2723	2727	2729	rBV	51393	61818	0.86%	0.077%
44	19.104	2753	2757	2764	rBV	172924	274925	3.84%	0.343%
45	19.286	2783	2788	2797	rBV2	4788155	6695958	93.49%	8.345%
46	20.833	3047	3051	3056	rBV2	695686	884931	12.36%	1.103%
47	21.092	3090	3095	3104	rBV	3165328	4013376	56.04%	5.002%
48	21.692	3194	3197	3200	rBV	233193	300718	4.20%	0.375%
49	22.133	3269	3272	3279	rVB	408034	486238	6.79%	0.606%
50	22.609	3350	3353	3360	rVB	488927	694468	9.70%	0.865%
51	23.098	3430	3436	3441	rBV	4168251	7162251	100.00%	8.926%
52	23.145	3441	3444	3450	rVB	604695	889683	12.42%	1.109%
53	23.227	3452	3458	3469	rVB	2484699	4368062	60.99%	5.444%
54	23.750	3544	3547	3555	rVB	510381	878080	12.26%	1.094%

Sum of corrected areas: 80241184

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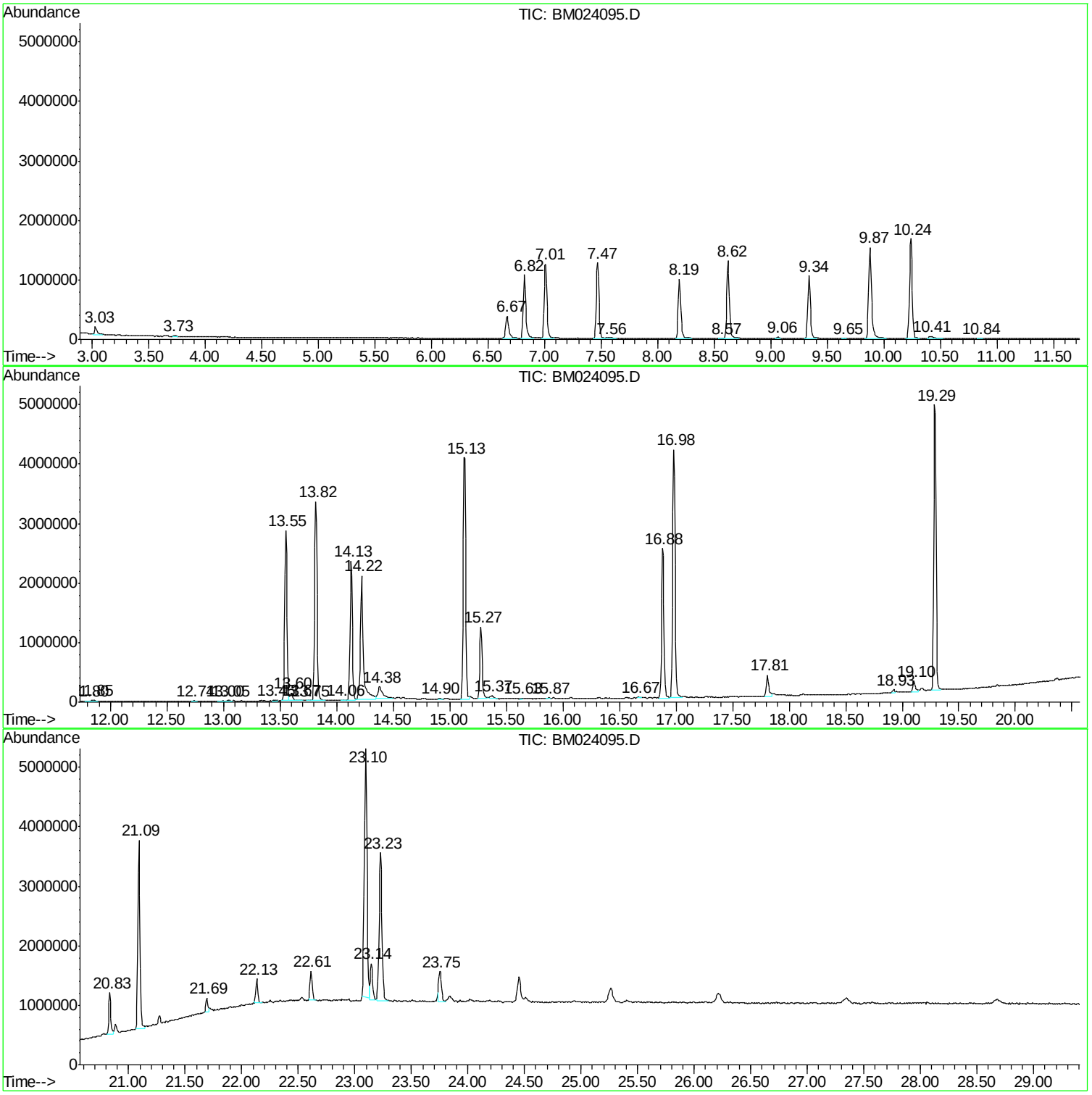
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT8

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

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TIC Library : C:\DATABASE\NIST11.L
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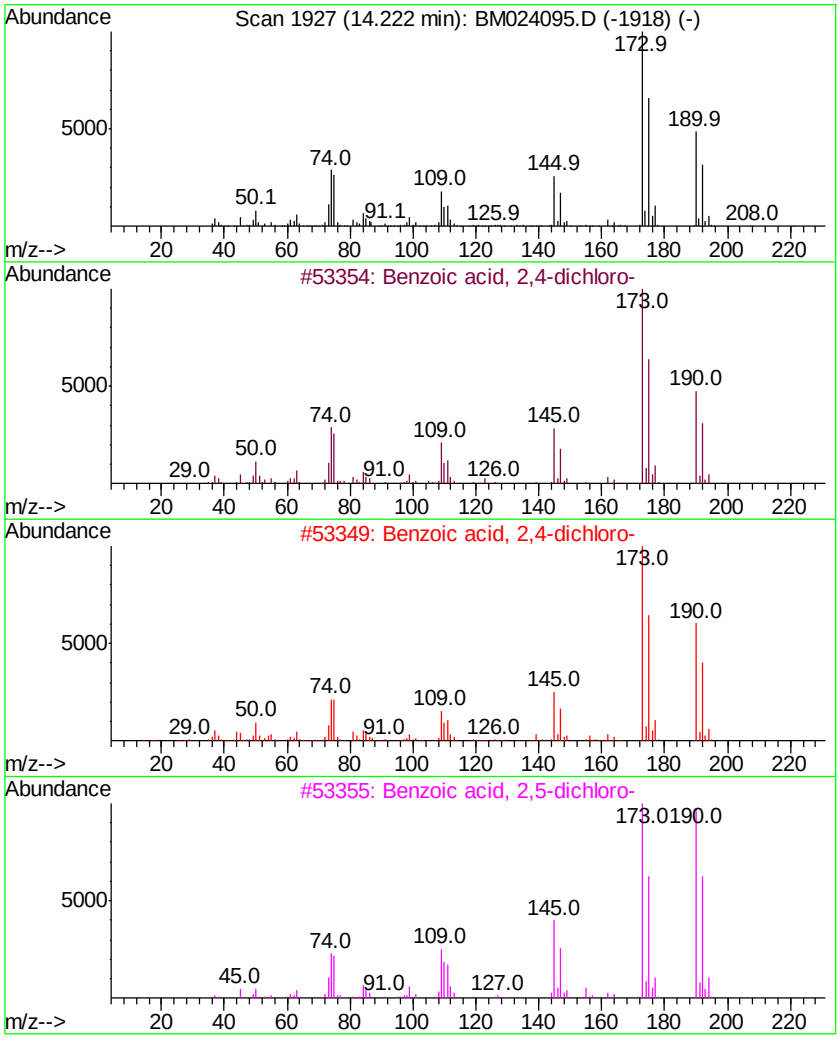
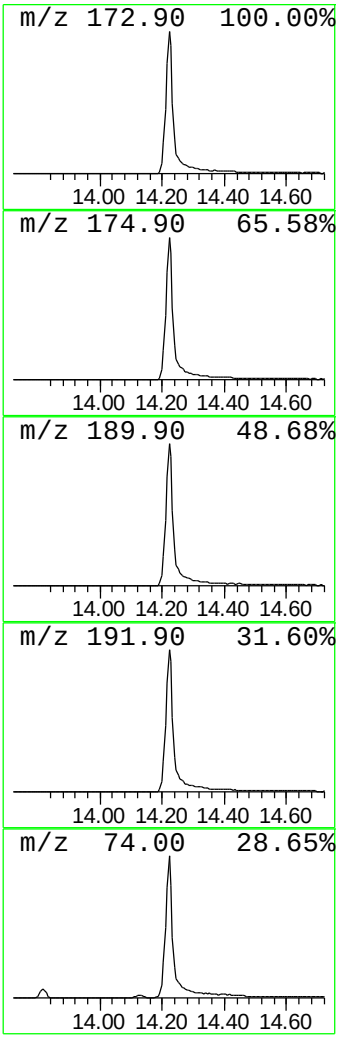
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	22.88 ng/ul	3910100	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, 2,5-dichloro-	190	C7H4Cl2O2	000050-79-3	96
4	Benzoic acid, 2,5-dichloro-	190	C7H4Cl2O2	000050-79-3	96
5	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	95





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Operator : JU
Sample : K6167-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT8

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

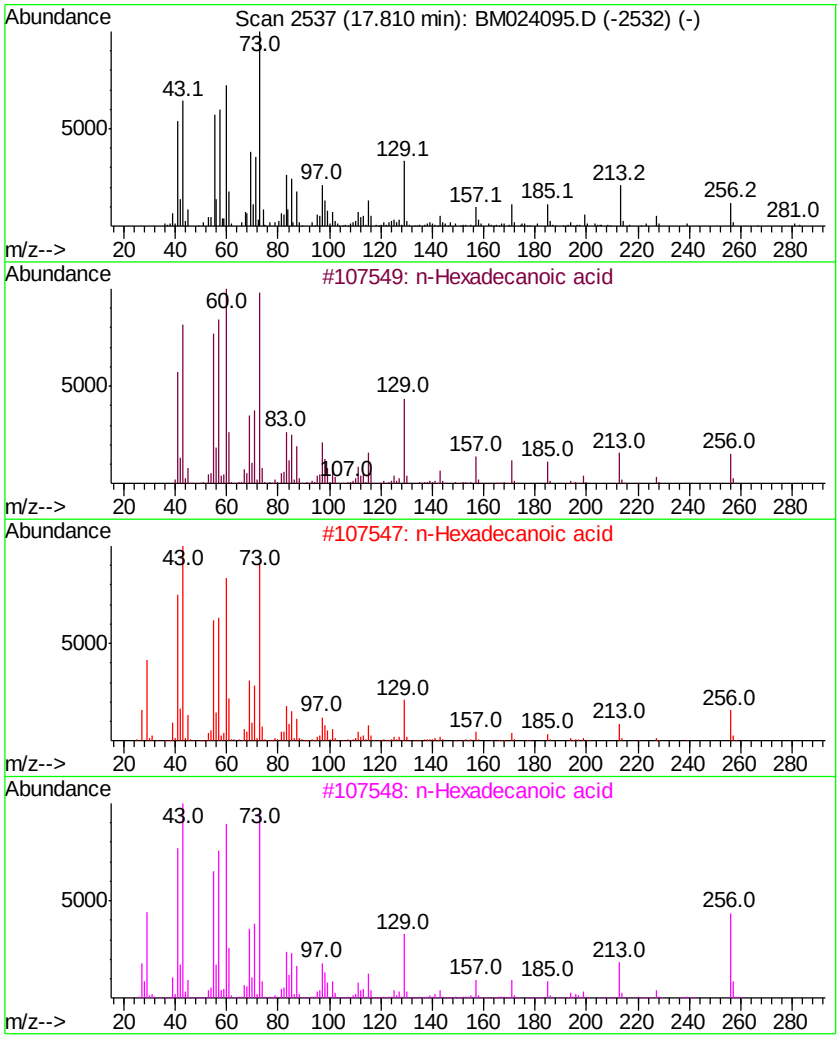
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

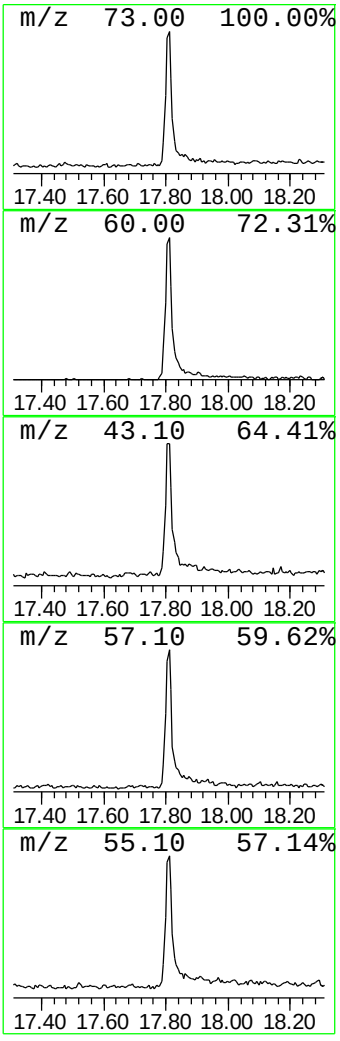
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.09 ng/ul	565766	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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

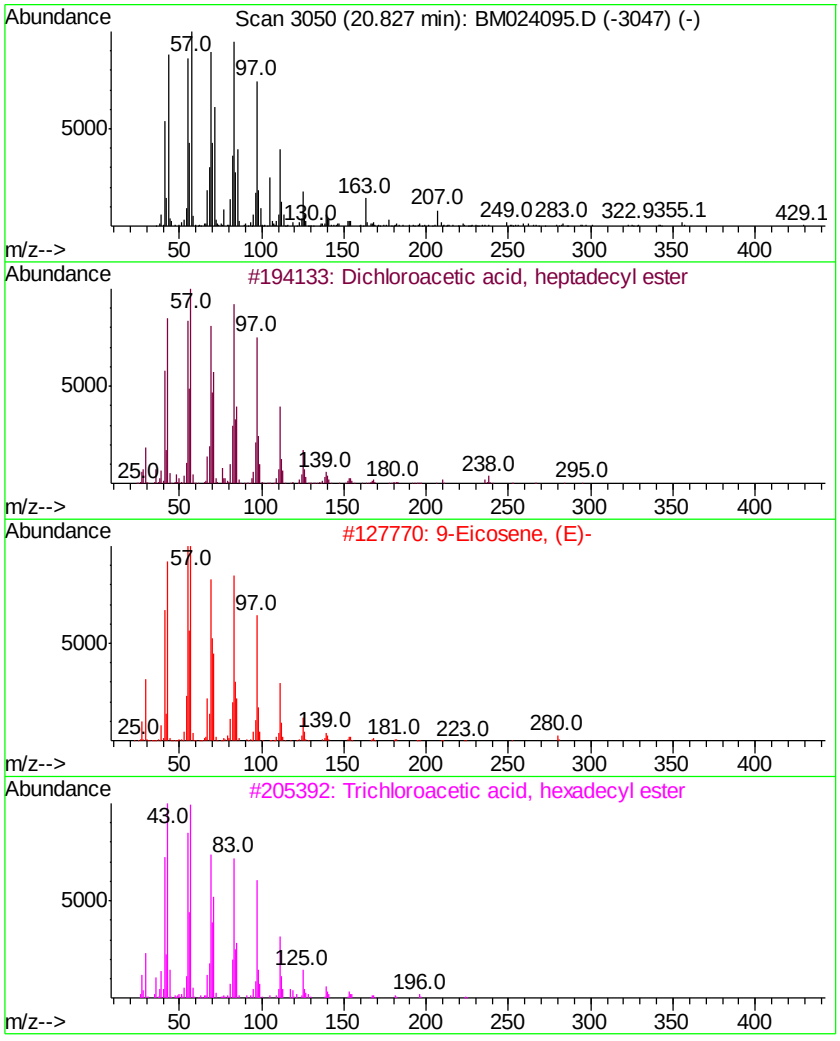
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

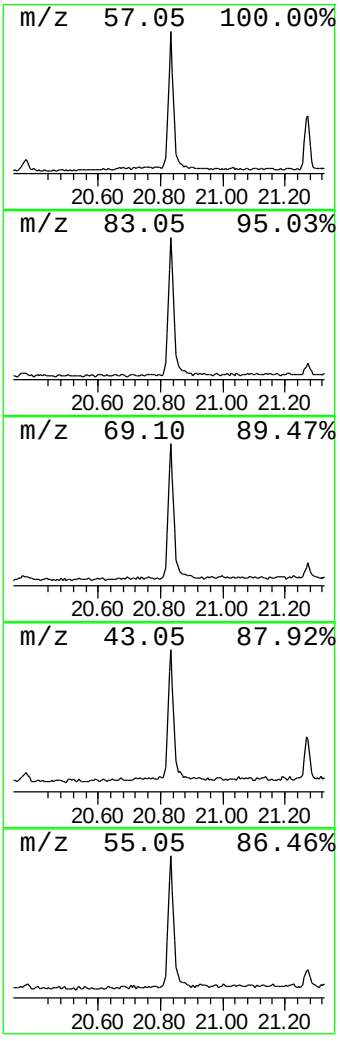
****

Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.41 ng/ul	884931	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90





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Instrument : BNA_M
ClientSampleId : BFQT8

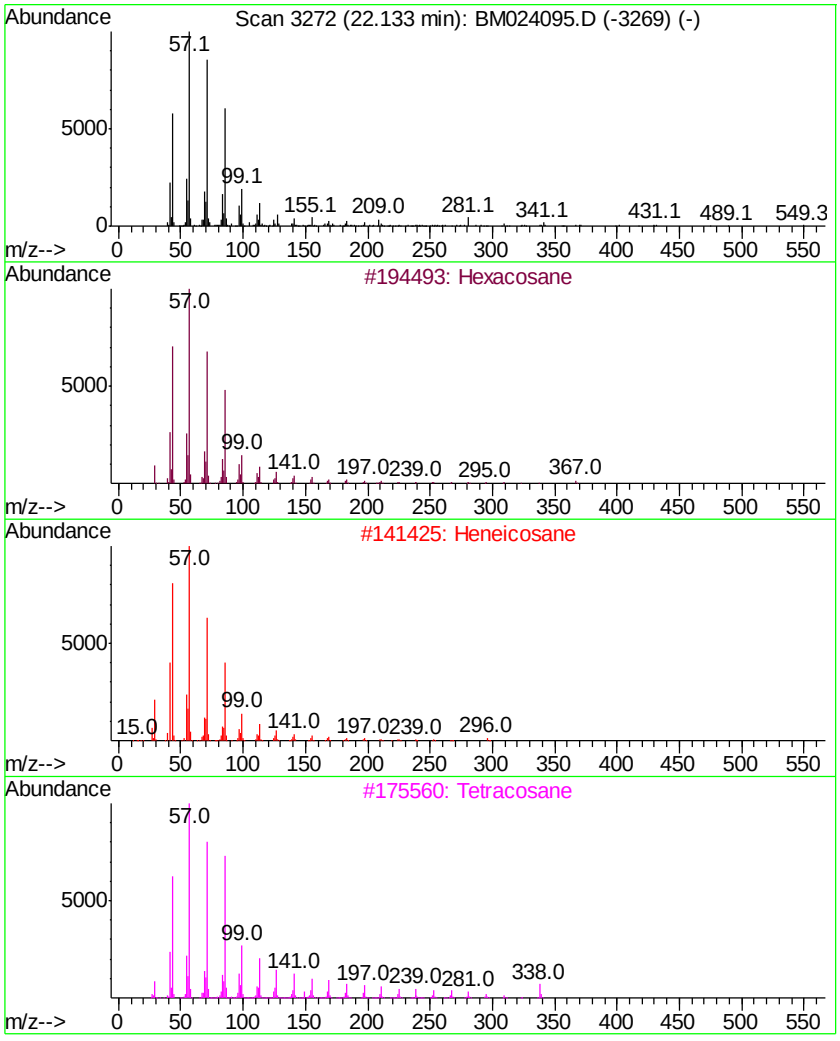
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

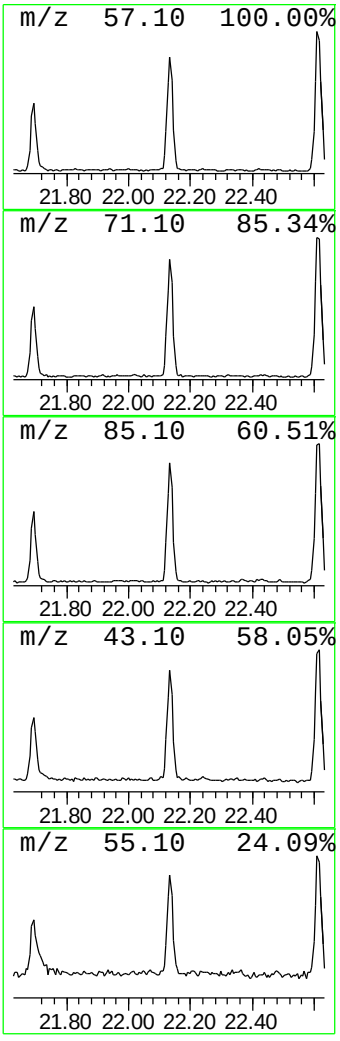
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.42 ng/ul	486238	Chrysene-d12	21.09

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	Tetracosane	338	C24H50	000646-31-1	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Nonadecane	268	C19H40	000629-92-5	80





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Instrument : BNA_M
ClientSampleId : BFQT8

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Quant Title : SVOA CALIBRATION

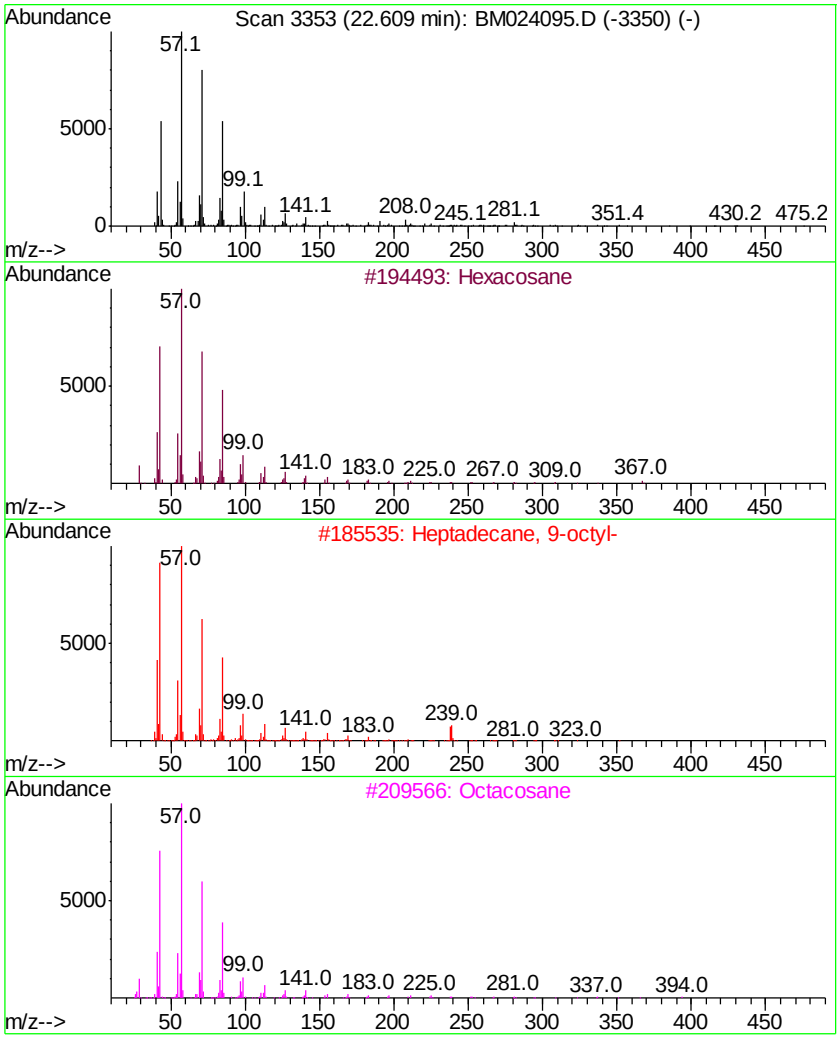
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

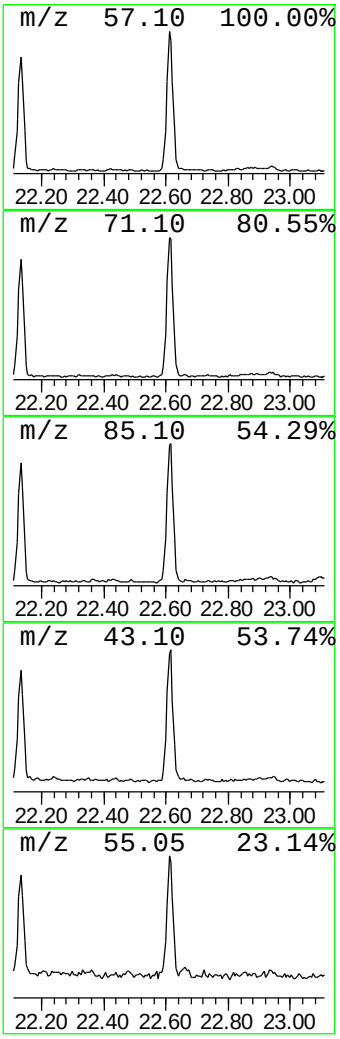
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.18 ng/ul	694468	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Quant Title : SVOA CALIBRATION

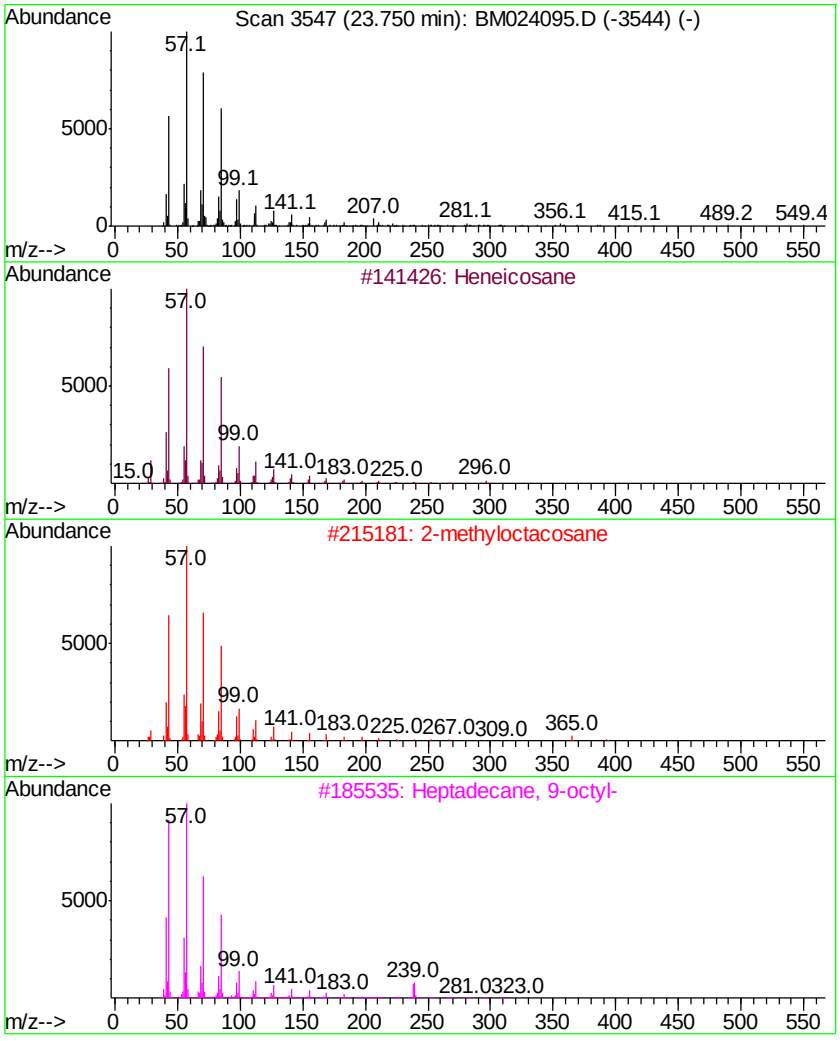
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

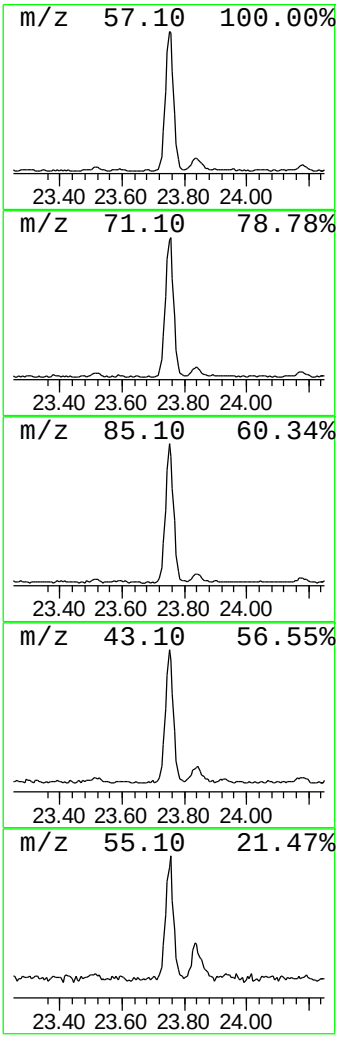
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	4.02 ng/ul	878080	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	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





Tentatively Identified Compound (LSC) summary

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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	22.9	ng/ul	3910100	3	14.13	3417720	20.0
n-Hexadecanoic acid	17.81	3.1	ng/ul	565766	4	16.88	3661010	20.0
Dichloroacetic ac...	20.83	4.4	ng/ul	884931	5	21.09	4013380	20.0
(DEL) Alkane: Str...	22.13	2.4	ng/ul	486238	5	21.09	4013380	20.0
(DEL) Alkane: Str...	22.61	3.2	ng/ul	694468	6	23.23	4368060	20.0
(DEL) Alkane: Str...	23.75	4.0	ng/ul	878080	6	23.23	4368060	20.0