LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

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_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	30	33	41	rVB	11416	15341	0.60%	0.061%
2	3.487	83	85	92	rVB8	1734	2577	0.10%	0.010%
3	3.593	99	103	117	rBV	131066	217327	8.54%	0.861%
4	3.905	153	156	160	rBV2	8518	10969	0.43%	0.043%
5	4.340	227	230	236	rVB2	5310	8074	0.32%	0.032%
6	5.069	350	354	359	rVB8	1607	3697	0.15%	0.015%
7	5.746	463	469	474	rBV9	1353	3213	0.13%	0.013%
8	6.211	545	548	552	rBV6	1905	3091	0.12%	0.012%
9	6.781	639	645	650	rBV	179547	266162	10.45%	1.055%
10	6.834	650	654	670	rVV	178694	328835	12.92%	1.303%
11	6.981	673	679	692	rVB	144353	221340	8.69%	0.877%
12	7.181	706	713	724	rBV	192902	324841	12.76%	1.287%
13	7.634	780	790	800	rBV	294636	469722	18.45%	1.861%
14	7.711	800	803	809	rVB7	3338	5897	0.23%	0.023%
15	8.346	904	911	927	rBV2	235590	417532	16.40%	1.654%
16	8.787	979	986	997	rBV	193839	328583	12.91%	1.302%
17	8.946	1008	1013	1021	rVB9	4470	10077	0.40%	0.040%
18	9.187	1046	1054	1060	rBV	78130	125920	4.95%	0.499%
19	9.346	1075	1081	1091	rVB	21336	34934	1.37%	0.138%
20	9.499	1099	1107	1117	rBV	166162	300766	11.81%	1.192%
21	9.775	1149	1154	1156	rBV7	1865	2783	0.11%	0.011%
22	10.034	1189	1198	1213	rBV	219408	466791	18.33%	1.850%
23	10.404	1252	1261	1269	rBV	353824	627513	24.65%	2.486%
24	10.540	1278	1284	1302	rVB	205126	377876	14.84%	1.497%
25	10.946	1347	1353	1364	rBV	8185	18236	0.72%	0.072%
26	11.222	1393	1400	1403	rBV7	3264	6274	0.25%	0.025%
27	11.363	1420	1424	1428	rBV6	1208	2727	0.11%	0.011%
28	11.410	1428	1432	1436	rBV6	2345	4065	0.16%	0.016%
29	11.663	1469	1475	1482	rVB2	19087	28152	1.11%	0.112%
30	11.810	1493	1500	1505	rBV2	1786	4137	0.16%	0.016%
31	11.910	1510	1517	1521	rBV8	2934	6009	0.24%	0.024%
32	11.987	1524	1530	1535	rVV6	4121	7238	0.28%	0.029%
33	12.057	1540	1542	1548	rVB7	2191	3373	0.13%	0.013%
34	12.269	1576	1578	1585	rVB7	2046	4704	0.18%	0.019%
35	12.781	1660	1665	1670	rVB7	3788	5880	0.23%	0.023%
36	13.216	1735	1739	1746	rBV10	3394	7051	0.28%	0.028%

LSC Area Percent Report

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Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

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_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

37	13.569	1793	1799	1807	rBV10	3334	8445	0.33%	0.033%
38	13.669	1807	1816	1824	rVV	496101	752773	29.57%	2.983%
39	13.728	1824	1826	1831	rVB5	6896	7909	0.31%	0.031%
40	13.951	1855	1864	1875	rBV	486965	839952	32.99%	3.328%
41	14.169	1898	1901	1906	rVB7	2416	3426	0.13%	0.014%
42	14.263	1910	1917	1924	rVV	565240	935681	36.75%	3.707%
43	14.334	1925	1929	1935	rVV3	11199	20676	0.81%	0.082%
44	14.387	1935	1938	1941	rVB5	3681	4704	0.18%	0.019%
45	14.516	1953	1960	1977	rBV	112523	309247	12.15%	1.225%
46	14.675	1983	1987	1989	rBV5	6295	9280	0.36%	0.037%
47	15.075	2050	2055	2059	rBV8	3701	6828	0.27%	0.027%
48	15.104	2059	2060	2065	rVB5	3781	4079	0.16%	0.016%
49	15.269	2081	2088	2096	rBV	711822	1162926	45.68%	4.608%
50	15.334	2096	2099	2105	rVV	12317	19092	0.75%	0.076%
51	15.416	2108	2113	2124	rVV	170838	257050	10.10%	1.018%
52	15.528	2128	2132	2143	rVB5	27048	53788	2.11%	0.213%
53	15.657	2146	2154	2161	rBV	556914	797133	31.31%	3.158%
54	15.857	2184	2188	2192	rVB7	3306	6094	0.24%	0.024%
55	16.039	2213	2219	2224	rBV6	9996	19886	0.78%	0.079%
56	16.163	2235	2240	2245	rBV2	15534	22857	0.90%	0.091%
57	16.222	2245	2250	2256	rBV	91218	125234	4.92%	0.496%
58	16.281	2256	2260	2265	rVB	14570	20333	0.80%	0.081%
59	16.328	2265	2268	2270	rBV3	4947	5715	0.22%	0.023%
60	16.422	2282	2284	2286	rBV3	3692	2565	0.10%	0.010%
61	16.463	2288	2291	2295	rVV6	13687	16498	0.65%	0.065%
62	16.587	2308	2312	2318	rVB7	11207	13648	0.54%	0.054%
63	16.881	2359	2362	2366	rVB3	13182	16003	0.63%	0.063%
64	16.939	2367	2372	2375	rBV3	30601	46603	1.83%	0.185%
65	16.975	2375	2378	2385	rVB4	27180	41539	1.63%	0.165%
66	17.069	2387	2394	2399	rBV	802343	1304326	51.23%	5.168%
67	17.116	2399	2402	2406	rVB	122479	160399	6.30%	0.636%
68	17.175	2406	2412	2421	rBV	948441	1293794	50.82%	5.126%
69	17.251	2421	2425	2429	rBV4	24306	34269	1.35%	0.136%
70	17.504	2465	2468	2471	rBV2	11856	17607	0.69%	0.070%
71	17.539	2471	2474	2477	rVV2	26953	35070	1.38%	0.139%
72	17.569	2477	2479	2488	rVB6	18982	29858	1.17%	0.118%
73	17.675	2491	2497	2506	rVB2	55897	124817	4.90%	0.495%
74	17.863	2527	2529	2533	rBV4	10163	13137	0.52%	0.052%
75	17.945	2541	2543	2545	rBV2	9385	7467	0.29%	0.030%
76	17.969	2545	2547	2548	rVV	12210	10098	0.40%	0.040%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

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_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

77	18.010	2549	2554	2562	rVB2	268215	406830	15.98%	1.612%
78	18.181	2577	2583	2587	rBV2	63617	108655	4.27%	0.431%
79	18.245	2592	2594	2597	rVB3	28562	23557	0.93%	0.093%
80	18.281	2597	2600	2602	rBV3	18717	22750	0.89%	0.090%
81	18.475	2628	2633	2636	rBV5	22246	40621	1.60%	0.161%
82	18.592	2650	2653	2655	rBV4	20337	23644	0.93%	0.094%
83	18.798	2684	2688	2693	rBV6	22583	34796	1.37%	0.138%
84	18.886	2699	2703	2705	rBV3	31302	50304	1.98%	0.199%
85	19.028	2725	2727	2730	rVB3	21208	17585	0.69%	0.070%
86	19.204	2752	2757	2764	rVB	218611	321470	12.63%	1.274%
87	19.269	2765	2768	2772	rBV2	33361	43304	1.70%	0.172%
88	19.333	2776	2779	2787	rVB5	81536	139862	5.49%	0.554%
89	19.551	2809	2816	2825	rBV2	1206996	2122190	83.35%	8.409%
90	20.275	2937	2939	2943	rVB4	99846	106355	4.18%	0.421%
91	20.604	2990	2995	3000	rVB	2150967	2546043	100.00%	10.088%
92	21.180	3090	3093	3101	rVB5	123546	240272	9.44%	0.952%
93	21.510	3143	3149	3153	rBV	1275136	1878914	73.80%	7.445%
94	24.545	3656	3665	3674	rVB	754046	1986722	78.03%	7.872%
95	24.774	3696	3704	3714	rVB	789248	1892026	74.31%	7.497%

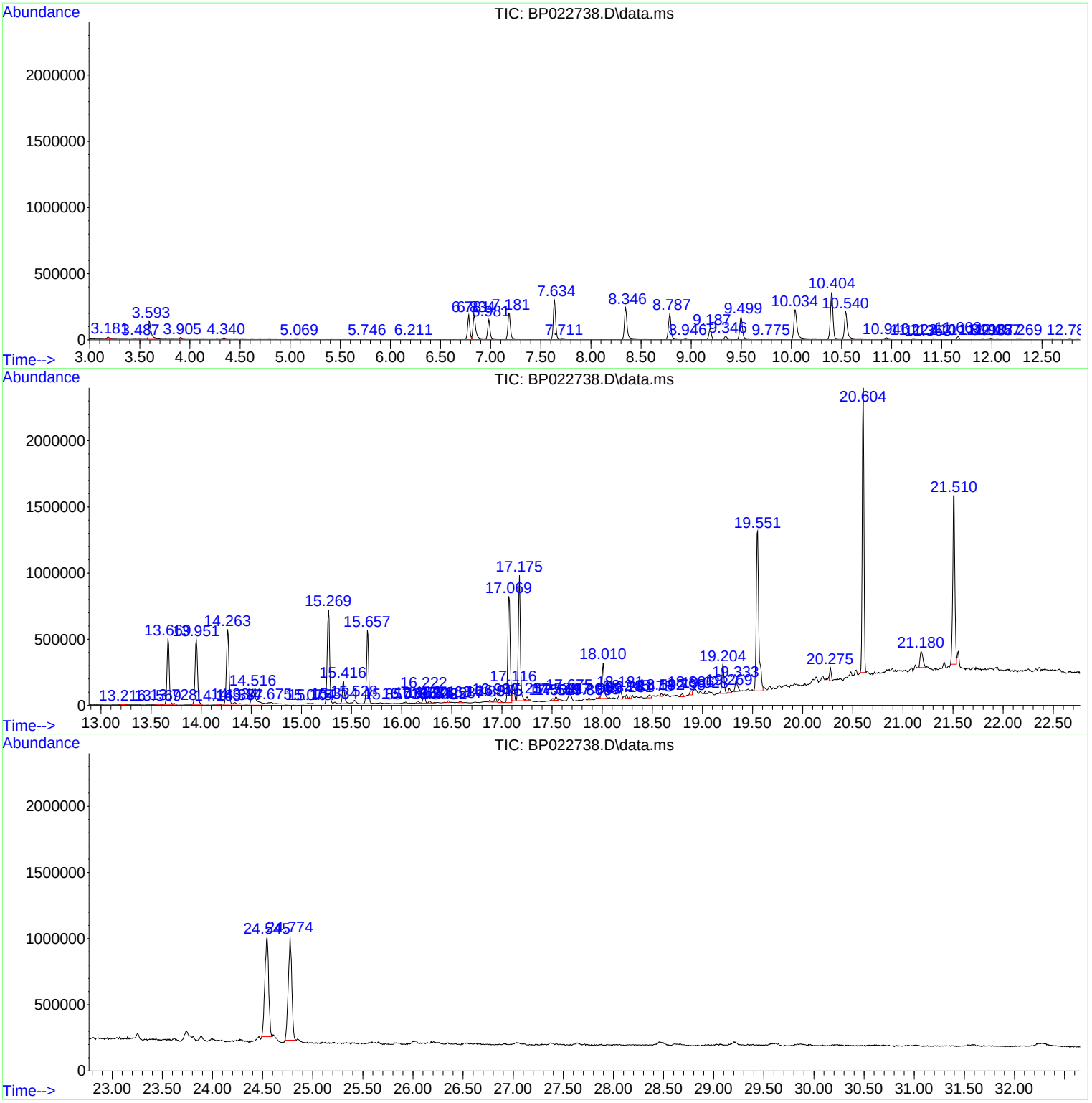
Sum of corrected areas: 25238413

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

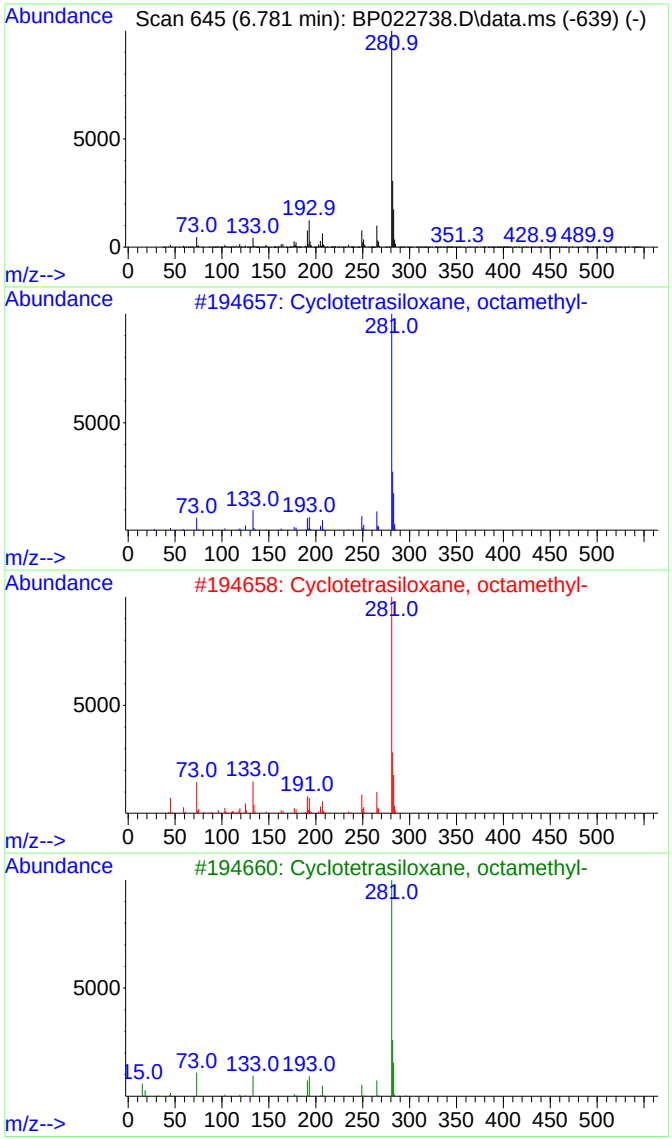
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

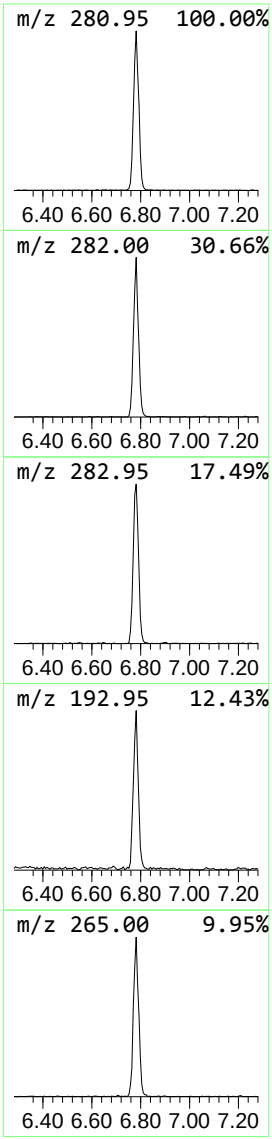
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclotetrasiloxane, octamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	11.33 ng/ul	266162	1,4-Dichlorobenzene-d4	7.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
4	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

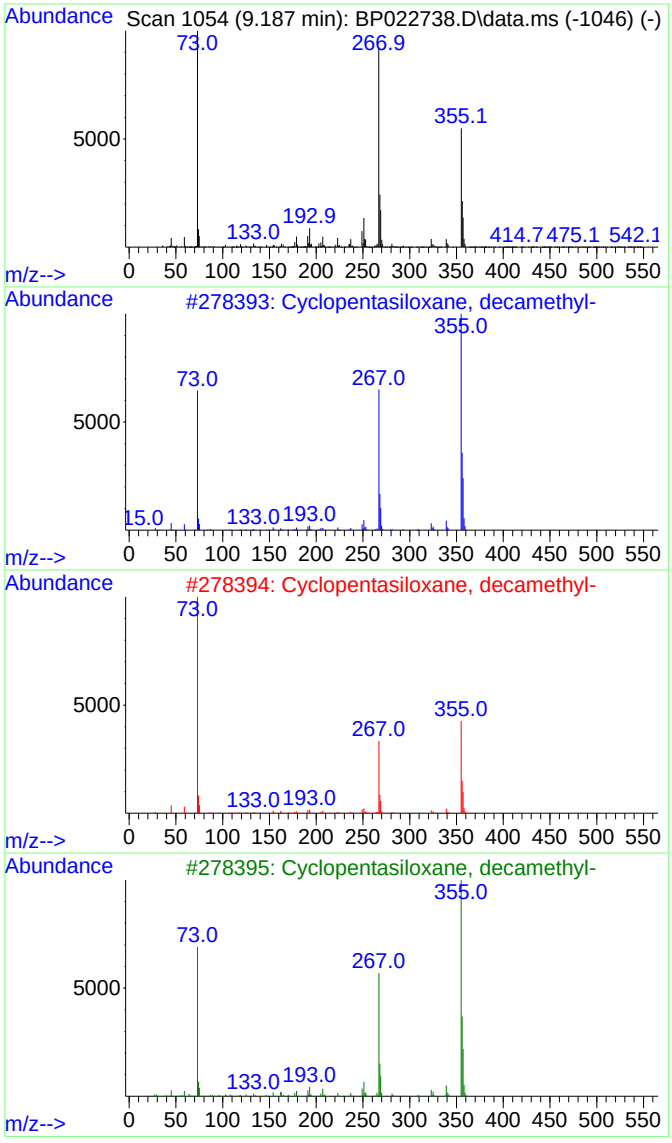
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

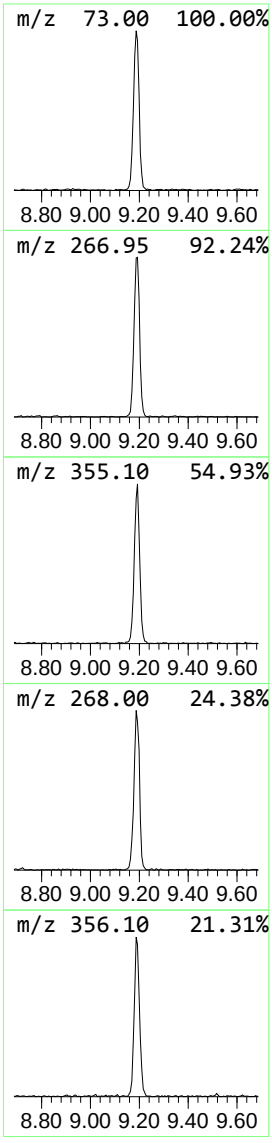
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.187	4.01 ng/ul	125920	Naphthalene-d8	10.405

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
4	1-(4-Hydroxyphenyl)propane-1,2-d...	384	C18H36O3Si3	1000495-85-7	43
5	[(4-Hexylbenzene-1,3-diyl)bis(ox...	338	C18H34O2Si2	134273-01-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

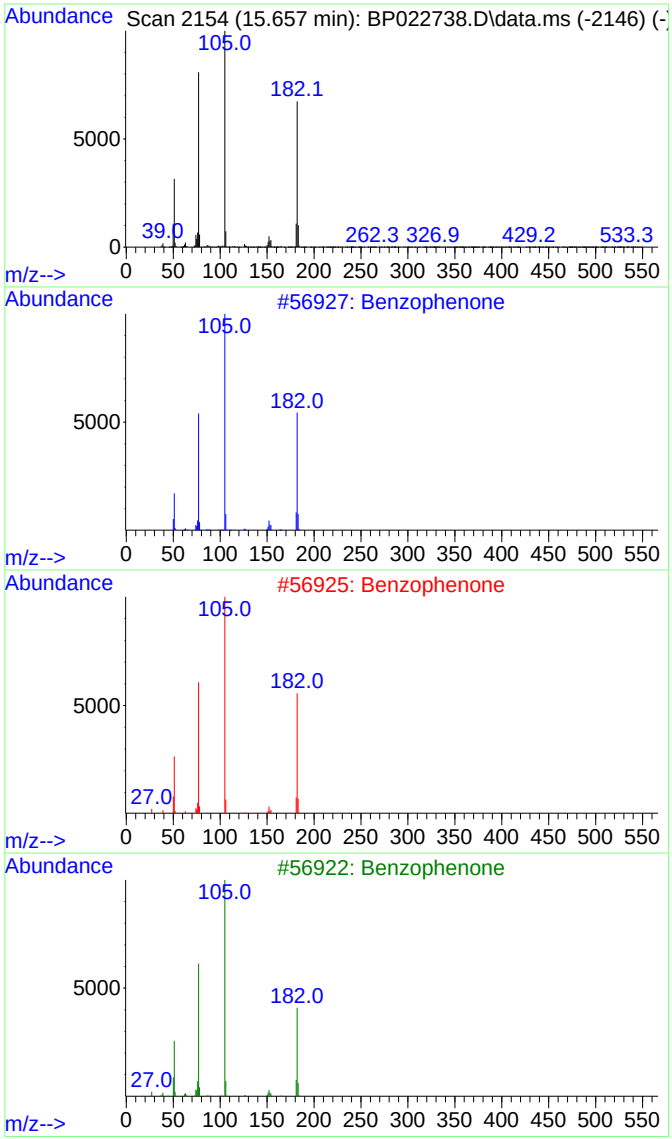
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

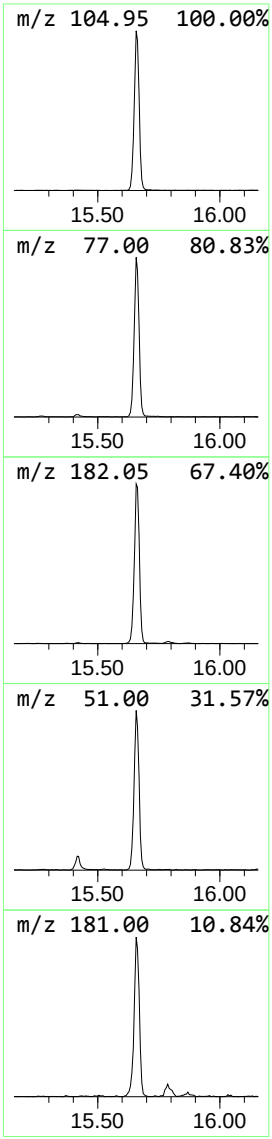
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	17.04 ng/ul	797133	Acenaphthene-d10	14.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

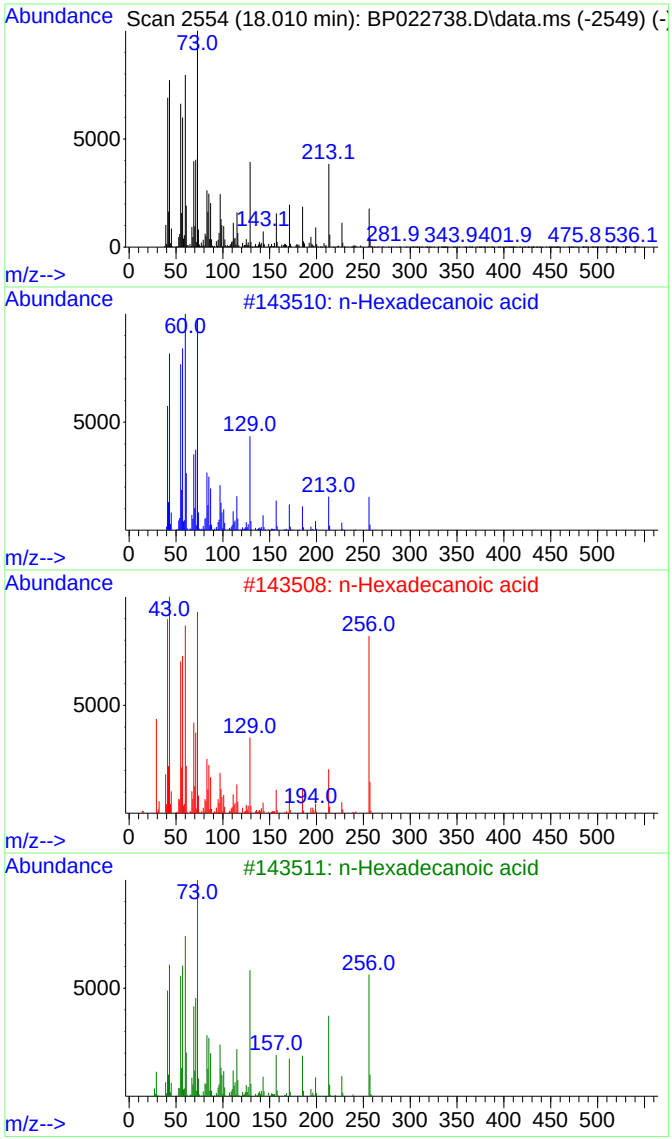
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

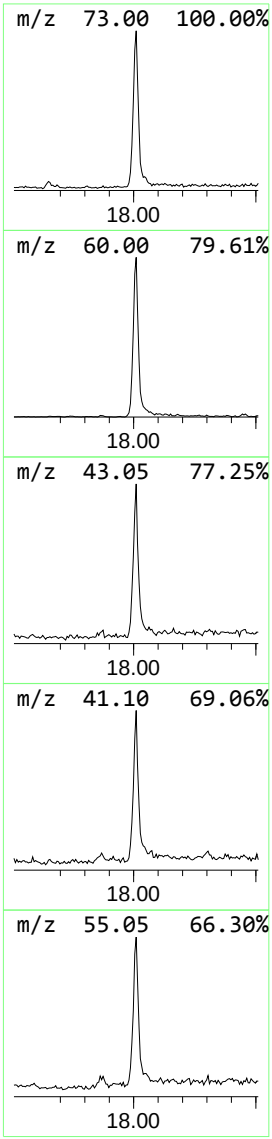
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	6.24 ng/ul	406830	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

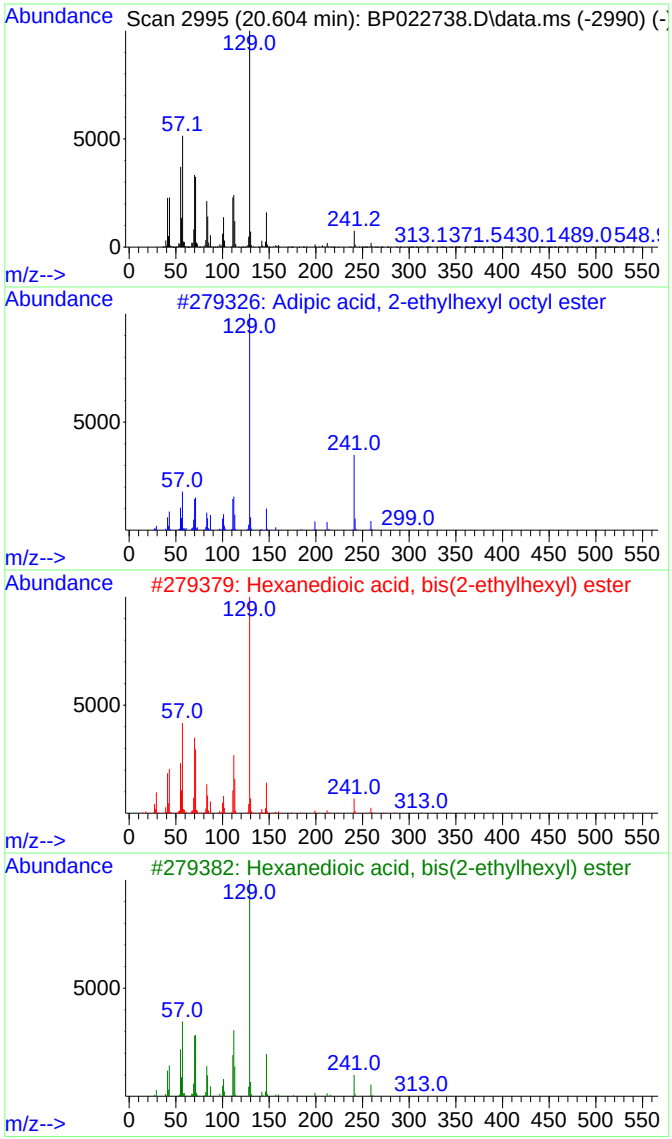
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

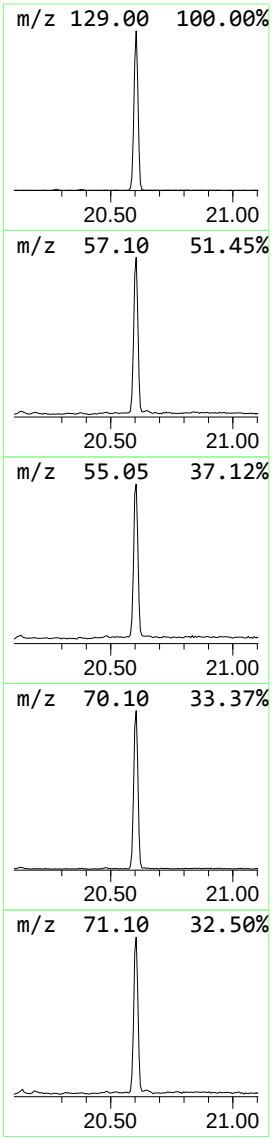
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.604	27.10 ng/ul	2546040	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
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	87
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

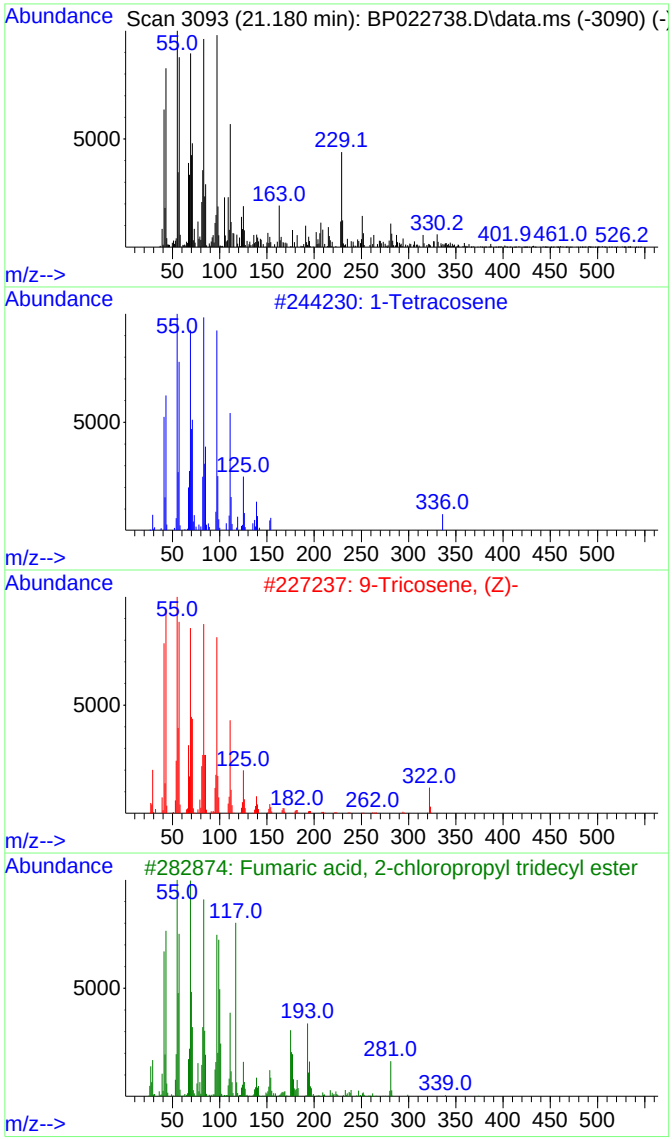
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

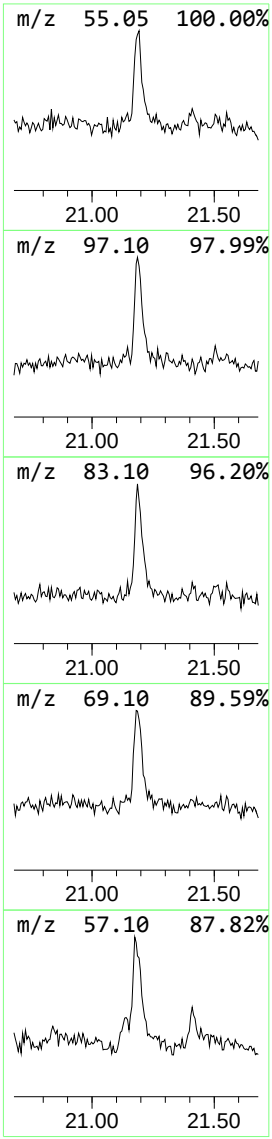
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	2.56 ng/ul	240272	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	1-Tetracosene	336	C24H48	010192-32-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022738.D
Acq On : 30 Oct 2024 16:27
Operator : RC/JU
Sample : P4492-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EN8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotetrasilox...	6.781	11.3	ng/ul	266162	1	7.634	469722	20.0
Cyclopentasilox...	9.187	4.0	ng/ul	125920	2	10.405	627513	20.0
Benzophenone	15.657	17.0	ng/ul	797133	3	14.263	935681	20.0
n-Hexadecanoic ...	18.010	6.2	ng/ul	406830	4	17.069	1304330	20.0
Adipic acid, 2-...	20.604	27.1	ng/ul	2546040	5	21.510	1878910	20.0
(DEL) Alkane: S...	21.180	2.6	ng/ul	240272	5	21.510	1878910	20.0