LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022763.D
Acq On : 31 Oct 2024 10:03
Operator : RC/JU
Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

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: BP022763.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	29	33	40	rVB	21228	28233	0.62%	0.066%
2	3.593	99	103	117	rBV	248641	393671	8.65%	0.926%
3	3.905	152	156	161	rBV	5126	6928	0.15%	0.016%
4	4.340	224	230	237	rBV	13904	19917	0.44%	0.047%
5	6.775	637	644	649	rBV	488752	733972	16.12%	1.727%
6	6.828	649	653	669	rVV	442462	781959	17.17%	1.840%
7	6.975	672	678	690	rVB	313681	484603	10.64%	1.140%
8	7.181	705	713	725	rBV	431496	719934	15.81%	1.694%
9	7.634	782	790	798	rBV	497709	803925	17.65%	1.891%
10	7.711	799	803	806	rVB6	3974	6115	0.13%	0.014%
11	8.340	903	910	926	rBV	557001	1000740	21.98%	2.354%
12	8.775	977	984	996	rBV	454575	738516	16.22%	1.737%
13	9.181	1044	1053	1060	rBV	220991	335528	7.37%	0.789%
14	9.334	1073	1079	1086	rBV	40932	64600	1.42%	0.152%
15	9.487	1098	1105	1119	rBV	434450	696680	15.30%	1.639%
16	9.593	1121	1123	1128	rVB3	3248	4705	0.10%	0.011%
17	10.028	1189	1197	1216	rBV	606556	1113051	24.44%	2.618%
18	10.393	1250	1259	1272	rBV	660628	1142707	25.09%	2.688%
19	10.534	1275	1283	1302	rBV	530983	975198	21.42%	2.294%
20	10.940	1344	1352	1359	rBV3	15992	32303	0.71%	0.076%
21	11.210	1391	1398	1404	rBV10	3582	7853	0.17%	0.018%
22	11.657	1468	1474	1479	rBV2	28917	42147	0.93%	0.099%
23	11.981	1524	1529	1536	rBV	9963	18130	0.40%	0.043%
24	12.687	1644	1649	1654	rBV5	3636	6169	0.14%	0.015%
25	13.063	1709	1713	1717	rBV3	5952	7626	0.17%	0.018%
26	13.216	1732	1739	1745	rVB9	3156	7084	0.16%	0.017%
27	13.669	1806	1816	1828	rBV	1148134	1748305	38.39%	4.113%
28	13.775	1831	1834	1840	rVB7	3502	5780	0.13%	0.014%
29	13.940	1852	1862	1874	rBV2	1208427	1950158	42.83%	4.588%
30	14.145	1891	1897	1904	rVB6	5403	9439	0.21%	0.022%
31	14.245	1907	1914	1925	rBV	1070236	1722017	37.82%	4.051%
32	14.487	1947	1955	1984	rBV	346764	824765	18.11%	1.940%
33	14.704	1985	1992	1998	rVB6	12408	27943	0.61%	0.066%
34	15.257	2080	2086	2099	rBV	1772918	2621550	57.57%	6.167%
35	15.422	2106	2114	2126	rBV	355986	526027	11.55%	1.237%
36	15.510	2126	2129	2137	rVB2	11134	17497	0.38%	0.041%

LSC Area Percent Report

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Data File : BP022763.D
Acq On : 31 Oct 2024 10:03
Operator : RC/JU
Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

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	15.640	2143	2151	2161	rBV	678710	1066962	23.43%	2.510%
38	15.857	2180	2188	2192	rBV	3326	7736	0.17%	0.018%
39	16.216	2241	2249	2256	rBV	50813	70723	1.55%	0.166%
40	16.469	2287	2292	2298	rBV9	6154	10992	0.24%	0.026%
41	16.534	2300	2303	2310	rVB9	3781	6695	0.15%	0.016%
42	16.845	2352	2356	2360	rBV4	3140	4565	0.10%	0.011%
43	17.063	2386	2393	2403	rBV	1439505	2318320	50.91%	5.454%
44	17.175	2404	2412	2422	rVV	2103449	3096063	67.99%	7.284%
45	17.245	2422	2424	2426	rVV3	8293	9906	0.22%	0.023%
46	17.281	2426	2430	2435	rVB4	27557	40022	0.88%	0.094%
47	17.375	2441	2446	2454	rBV10	6407	13231	0.29%	0.031%
48	17.651	2491	2493	2499	rVB7	3756	4611	0.10%	0.011%
49	17.757	2507	2511	2516	rVB8	7570	11993	0.26%	0.028%
50	17.945	2540	2543	2546	rBV4	2751	4585	0.10%	0.011%
51	18.004	2546	2553	2569	rBV	532356	964254	21.18%	2.268%
52	18.181	2581	2583	2590	rVB7	5179	8435	0.19%	0.020%
53	18.304	2600	2604	2610	rBV3	16516	24700	0.54%	0.058%
54	18.451	2626	2629	2635	rVB7	7625	10908	0.24%	0.026%
55	18.628	2657	2659	2664	rVB6	5086	5895	0.13%	0.014%
56	18.704	2667	2672	2675	rBV7	7375	14868	0.33%	0.035%
57	18.733	2675	2677	2681	rVB5	6753	7216	0.16%	0.017%
58	18.881	2696	2702	2707	rVB4	16053	32286	0.71%	0.076%
59	19.092	2733	2738	2742	rBV2	33722	47639	1.05%	0.112%
60	19.163	2746	2750	2756	rBV	27950	68078	1.50%	0.160%
61	19.333	2773	2779	2786	rBV	171047	286712	6.30%	0.674%
62	19.545	2808	2815	2823	rVB	2764762	3803515	83.53%	8.948%
63	20.645	2999	3002	3006	rBV3	28735	32646	0.72%	0.077%
64	21.186	3088	3094	3106	rVB4	115135	291265	6.40%	0.685%
65	21.504	3141	3148	3159	rVB2	1701318	2909363	63.89%	6.844%
66	24.521	3652	3661	3679	rVB	1654143	4553621	100.00%	10.712%
67	24.763	3692	3702	3713	rBV	968745	3153984	69.26%	7.420%

Sum of corrected areas: 42507564

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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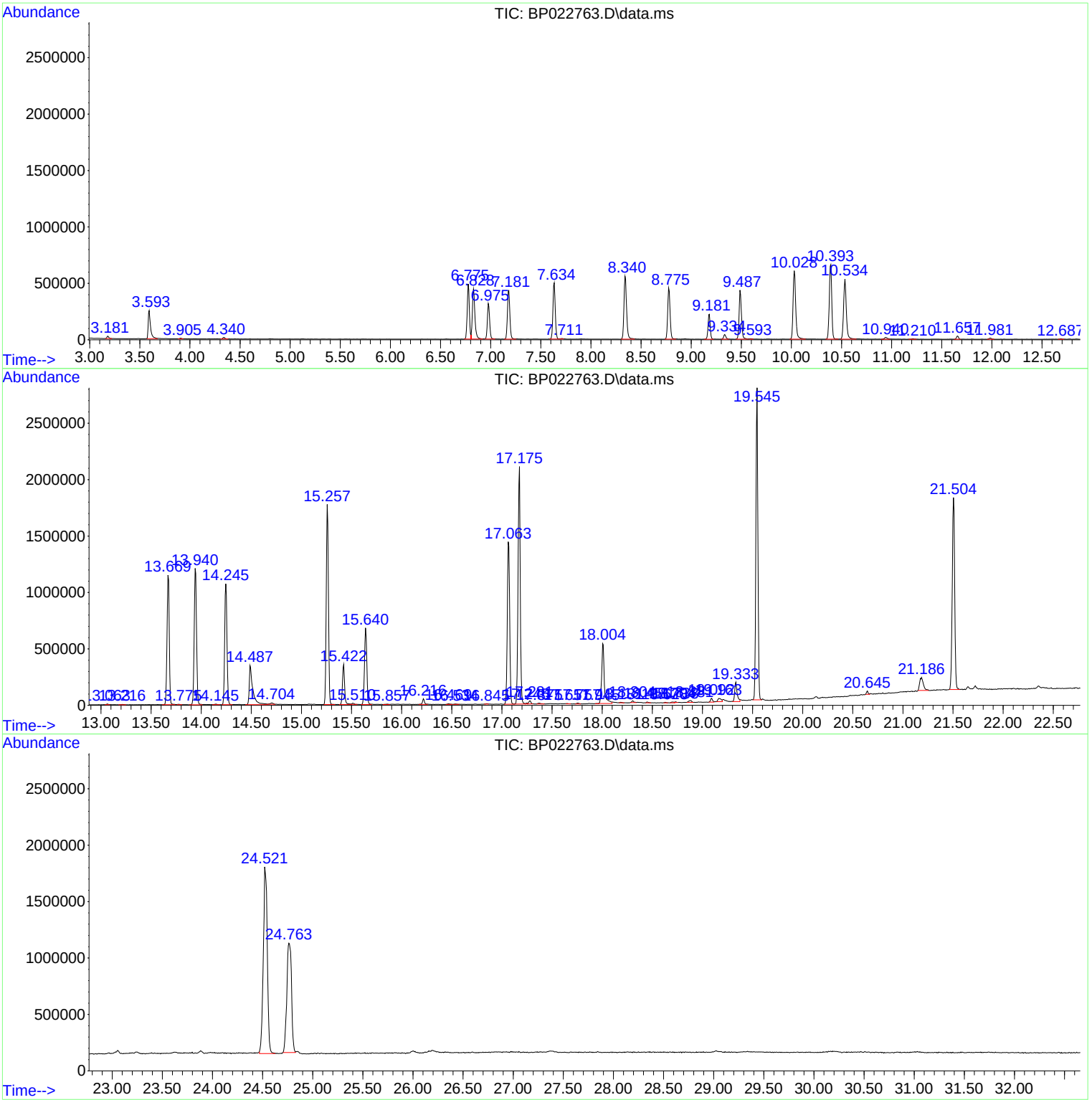
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

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 : BP022763.D
Acq On : 31 Oct 2024 10:03
Operator : RC/JU
Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

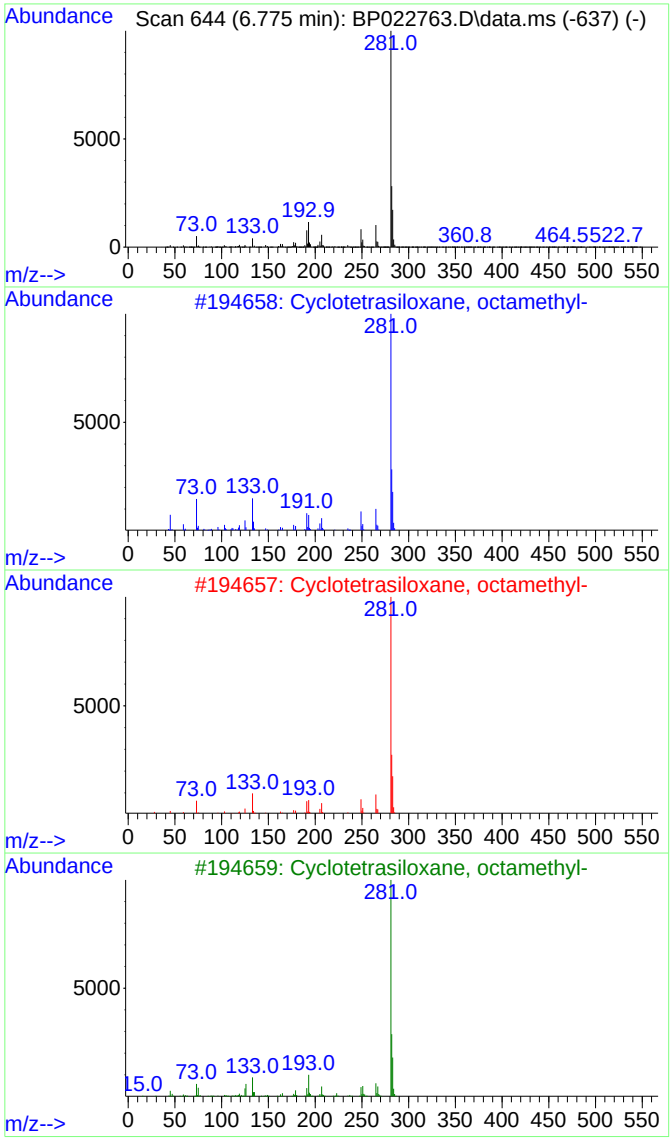
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

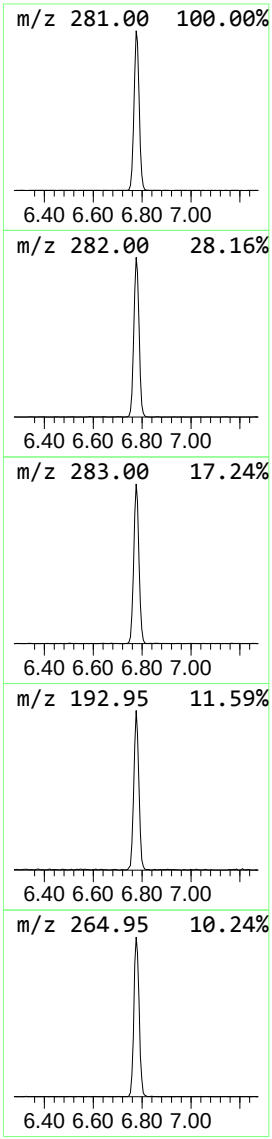
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.775	18.26 ng/ul	733972	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	90
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	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022763.D
Acq On : 31 Oct 2024 10:03
Operator : RC/JU
Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

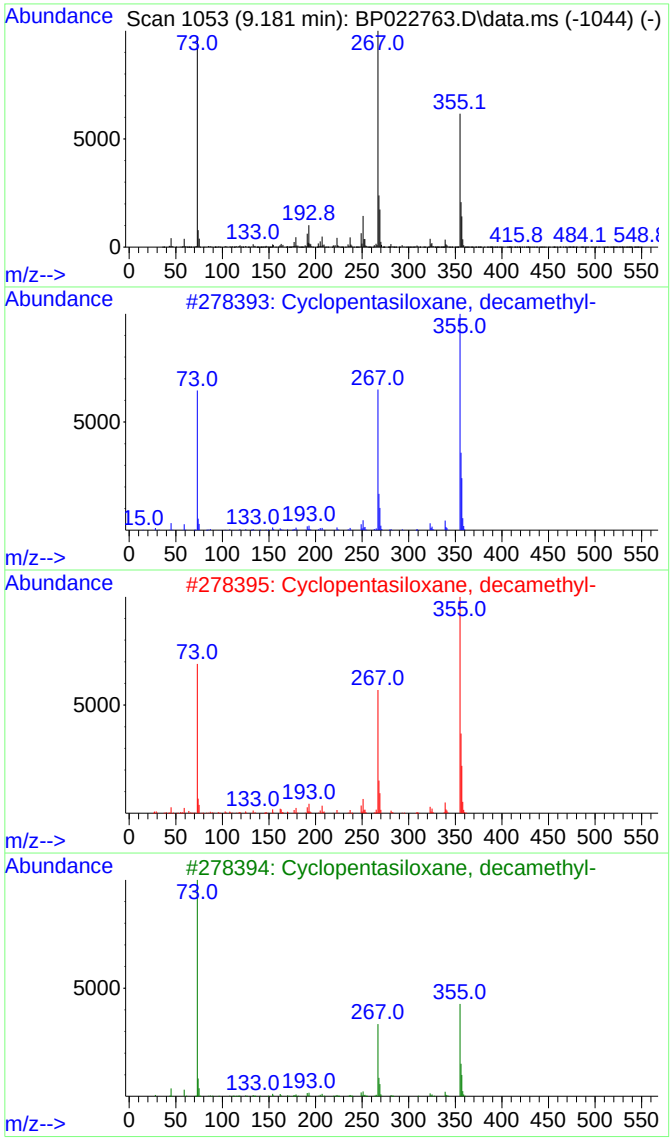
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

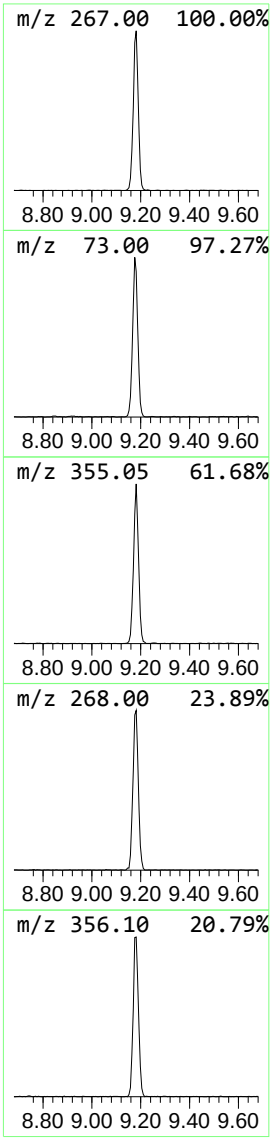
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	5.87 ng/ul	335528	Naphthalene-d8	10.393

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	90
4	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	46
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 : BP022763.D
Acq On : 31 Oct 2024 10:03
Operator : RC/JU
Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

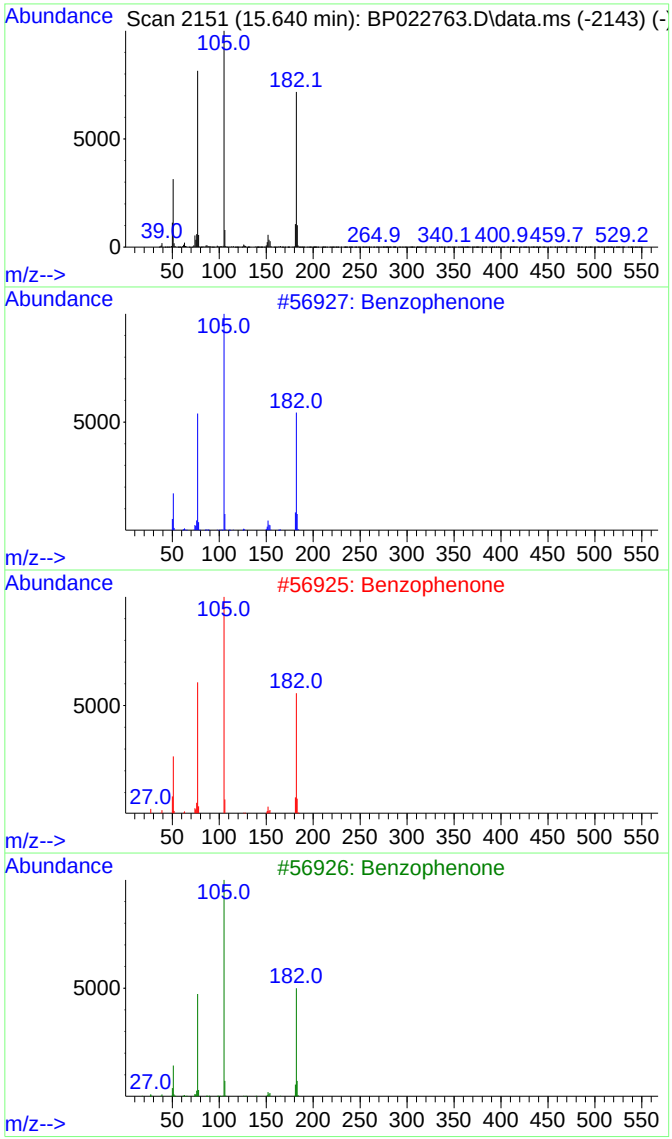
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

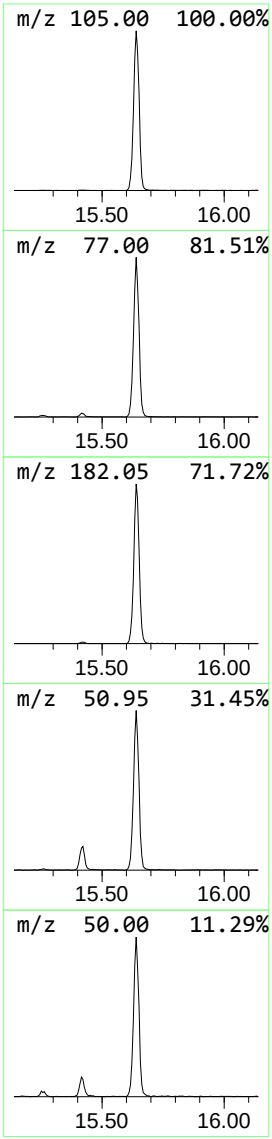
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.640	12.39 ng/ul	1066960	Acenaphthene-d10	14.246

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	91
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
5	Benzophenone	182	C13H10O	000119-61-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022763.D
Acq On : 31 Oct 2024 10:03
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Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

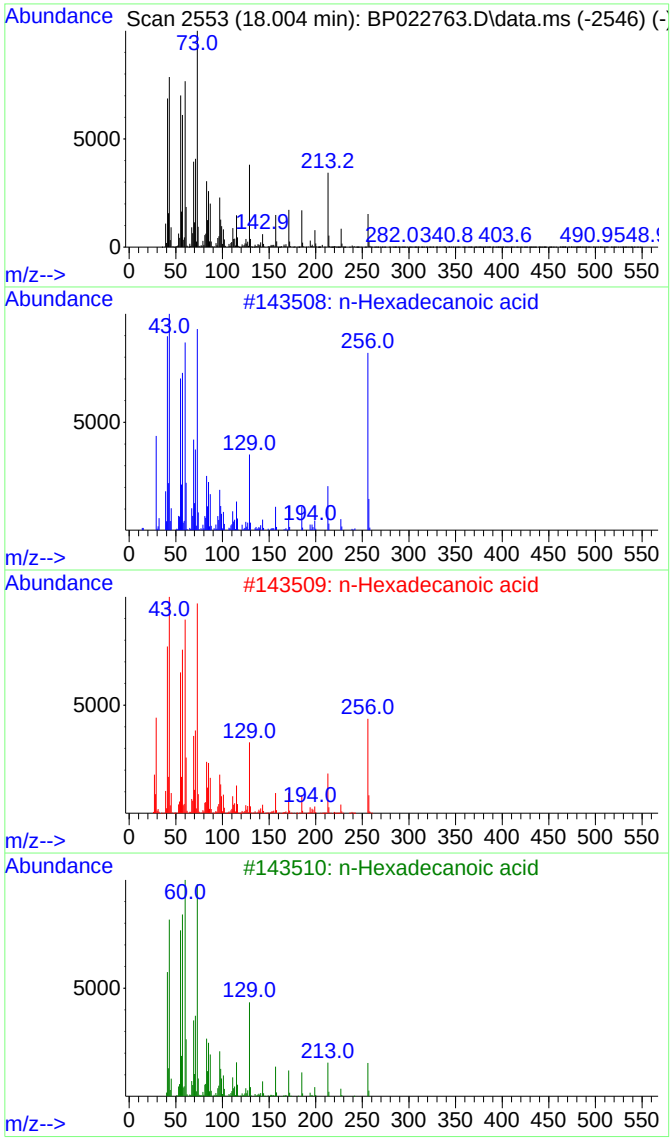
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

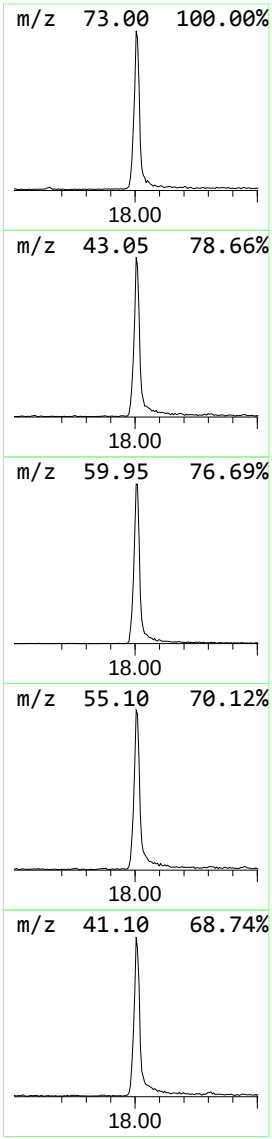
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	8.32 ng/ul	964254	Phenanthrene-d10	17.063

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H09

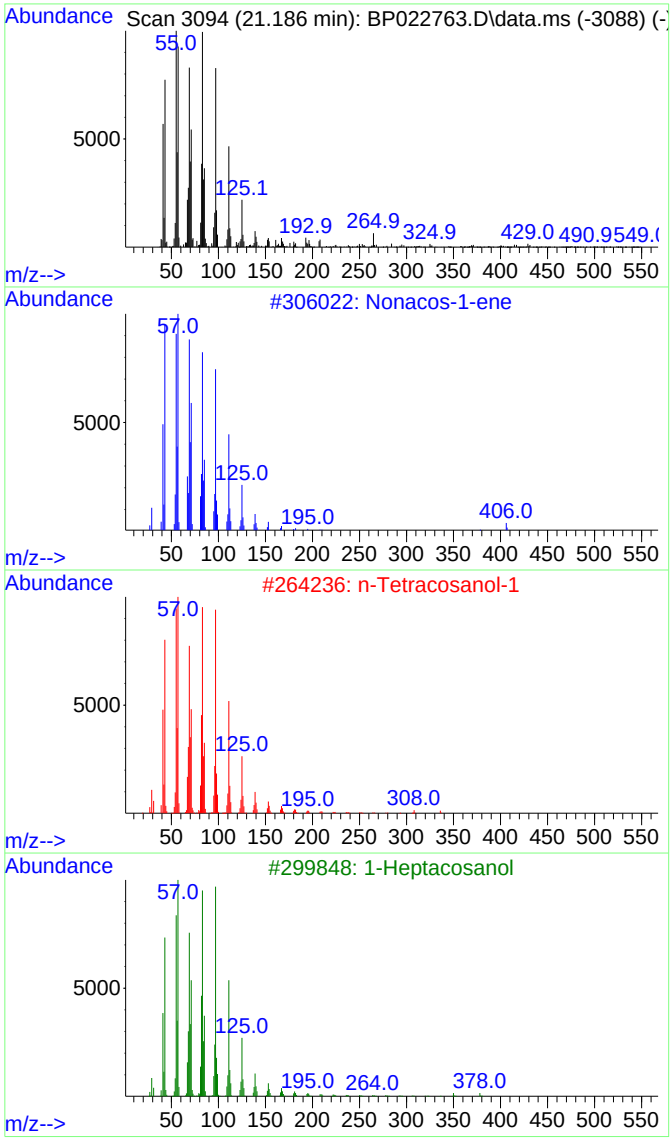
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

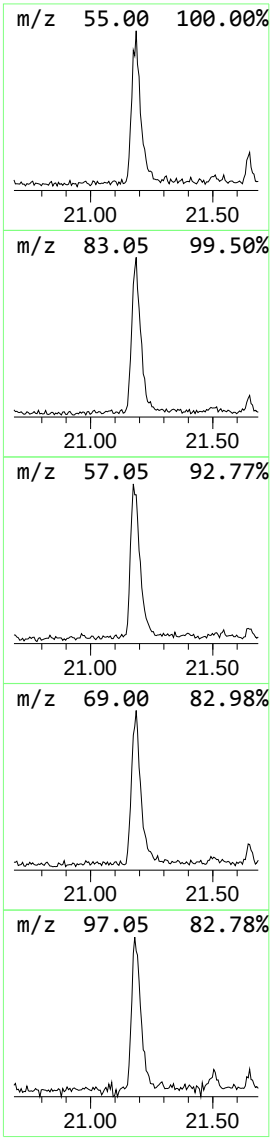
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.00 ng/ul	291265	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022763.D
Acq On : 31 Oct 2024 10:03
Operator : RC/JU
Sample : P4592-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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...	6.775	18.3	ng/ul	733972	1	7.634	803925	20.0
Cyclopentasilox...	9.181	5.9	ng/ul	335528	2	10.393	1142710	20.0
Benzophenone	15.640	12.4	ng/ul	1066960	3	14.246	1722020	20.0
n-Hexadecanoic ...	18.004	8.3	ng/ul	964254	4	17.063	2318320	20.0
(DEL) Alkane: S...	21.186	2.0	ng/ul	291265	5	21.504	2909360	20.0