LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014167.D
Acq On : 21 Mar 2023 06:59
Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014167.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.411	34	38	44	rBV	39839	53588	0.84%	0.075%
2	3.852	110	113	133	rBV	217184	409009	6.40%	0.575%
3	4.075	148	151	157	rVB3	7659	11191	0.18%	0.016%
4	4.175	164	168	174	rVB	12470	18282	0.29%	0.026%
5	4.569	227	235	236	rBV7	3882	6765	0.11%	0.010%
6	7.211	677	684	698	rVB	169919	320112	5.01%	0.450%
7	7.369	704	711	722	rBV	691891	1103998	17.27%	1.551%
8	7.575	739	746	757	rBV	675842	1112351	17.40%	1.563%
9	8.046	819	826	834	rBV	663459	1074145	16.80%	1.509%
10	8.105	834	836	841	rVB6	5179	8012	0.13%	0.011%
11	8.763	941	948	959	rBV	534576	945573	14.79%	1.328%
12	9.222	1017	1026	1041	rBV	905563	1504393	23.53%	2.113%
13	9.346	1041	1047	1052	rBV3	13009	29238	0.46%	0.041%
14	9.605	1084	1091	1098	rBV2	32583	50367	0.79%	0.071%
15	9.946	1140	1149	1159	rBV	749406	1280869	20.03%	1.799%
16	10.381	1217	1223	1232	rVB6	9104	19870	0.31%	0.028%
17	10.493	1234	1242	1255	rBV	957795	1829390	28.61%	2.570%
18	10.869	1298	1306	1314	rBV	955163	1590836	24.88%	2.235%
19	11.010	1321	1330	1348	rBV	829465	1559953	24.40%	2.192%
20	12.099	1508	1515	1522	rBV7	5858	11764	0.18%	0.017%
21	12.269	1539	1544	1548	rBV7	4450	8252	0.13%	0.012%
22	12.451	1570	1575	1584	rBV	18266	33677	0.53%	0.047%
23	13.287	1712	1717	1720	rBV7	5023	7761	0.12%	0.011%
24	13.493	1747	1752	1757	rBV	23607	33660	0.53%	0.047%
25	13.569	1760	1765	1770	rVB2	15389	25263	0.40%	0.035%
26	13.657	1775	1780	1786	rVB9	5440	11773	0.18%	0.017%
27	14.093	1845	1854	1868	rBV	2351658	3229352	50.51%	4.537%
28	14.204	1868	1873	1876	rVB6	8028	13120	0.21%	0.018%
29	14.322	1890	1893	1897	rBV6	7041	10382	0.16%	0.015%
30	14.387	1897	1904	1918	rVV	2400140	3656884	57.19%	5.138%
31	14.563	1928	1934	1939	rBV4	17852	27511	0.43%	0.039%
32	14.687	1949	1955	1964	rBV	1520633	2257285	35.30%	3.171%
33	14.910	1985	1993	2014	rBV	107221	313970	4.91%	0.441%
34	15.510	2092	2095	2100	rVB4	13913	19793	0.31%	0.028%
35	15.681	2117	2124	2135	rBV	3406071	4728782	73.96%	6.643%
36	15.804	2138	2145	2158	rVV	1136027	1702784	26.63%	2.392%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB923

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-BP030723.M
Title : SVOA CALIBRATION

37	15.922	2161	2165	2172	rVB3	19245	34962	0.55%	0.049%
38	16.045	2180	2186	2194	rBV	258015	370780	5.80%	0.521%
39	16.304	2228	2230	2233	rBV3	6020	8662	0.14%	0.012%
40	16.351	2234	2238	2241	rBV	22851	30887	0.48%	0.043%
41	16.457	2254	2256	2263	rVB8	5624	8209	0.13%	0.012%
42	16.610	2278	2282	2291	rVB3	21881	39478	0.62%	0.055%
43	16.822	2316	2318	2322	rBV5	10310	14077	0.22%	0.020%
44	17.175	2375	2378	2382	rBV5	12599	16796	0.26%	0.024%
45	17.445	2417	2424	2434	rBV	2006001	2895027	45.28%	4.067%
46	17.545	2434	2441	2450	rVV	3745538	5314690	83.12%	7.467%
47	17.616	2450	2453	2458	rVB3	46906	63289	0.99%	0.089%
48	17.710	2466	2469	2473	rBV	17677	23026	0.36%	0.032%
49	18.304	2565	2570	2580	rBV	492466	751060	11.75%	1.055%
50	18.704	2635	2638	2642	rBV3	46257	54552	0.85%	0.077%
51	19.345	2744	2747	2752	rVB3	54531	73294	1.15%	0.103%
52	19.416	2756	2759	2765	rVB	75946	114948	1.80%	0.161%
53	19.528	2775	2778	2787	rBV2	124915	204436	3.20%	0.287%
54	19.769	2813	2819	2829	rBV	4941015	6394019	100.00%	8.983%
55	20.704	2974	2978	2982	rBV	696295	729736	11.41%	1.025%
56	21.198	3058	3062	3073	rBV	735627	1001777	15.67%	1.407%
57	21.522	3112	3117	3126	rBV	2388741	3234548	50.59%	4.544%
58	22.057	3205	3208	3213	rVB2	169832	205341	3.21%	0.288%
59	22.692	3312	3316	3327	rVB	349482	586628	9.17%	0.824%
60	23.416	3434	3439	3448	rVB2	595528	1099762	17.20%	1.545%
61	23.880	3511	3518	3527	rVB2	2651155	5389249	84.29%	7.571%
62	24.045	3539	3546	3553	rVB2	1252838	2675532	41.84%	3.759%
63	24.257	3576	3582	3590	rVB	758436	1708849	26.73%	2.401%
64	25.263	3746	3753	3766	rVB2	885232	2514089	39.32%	3.532%
65	26.480	3952	3960	3974	rVB3	911255	3068265	47.99%	4.311%
66	27.974	4207	4214	4230	rVB3	869925	3534261	55.27%	4.965%

Sum of corrected areas: 71180184

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
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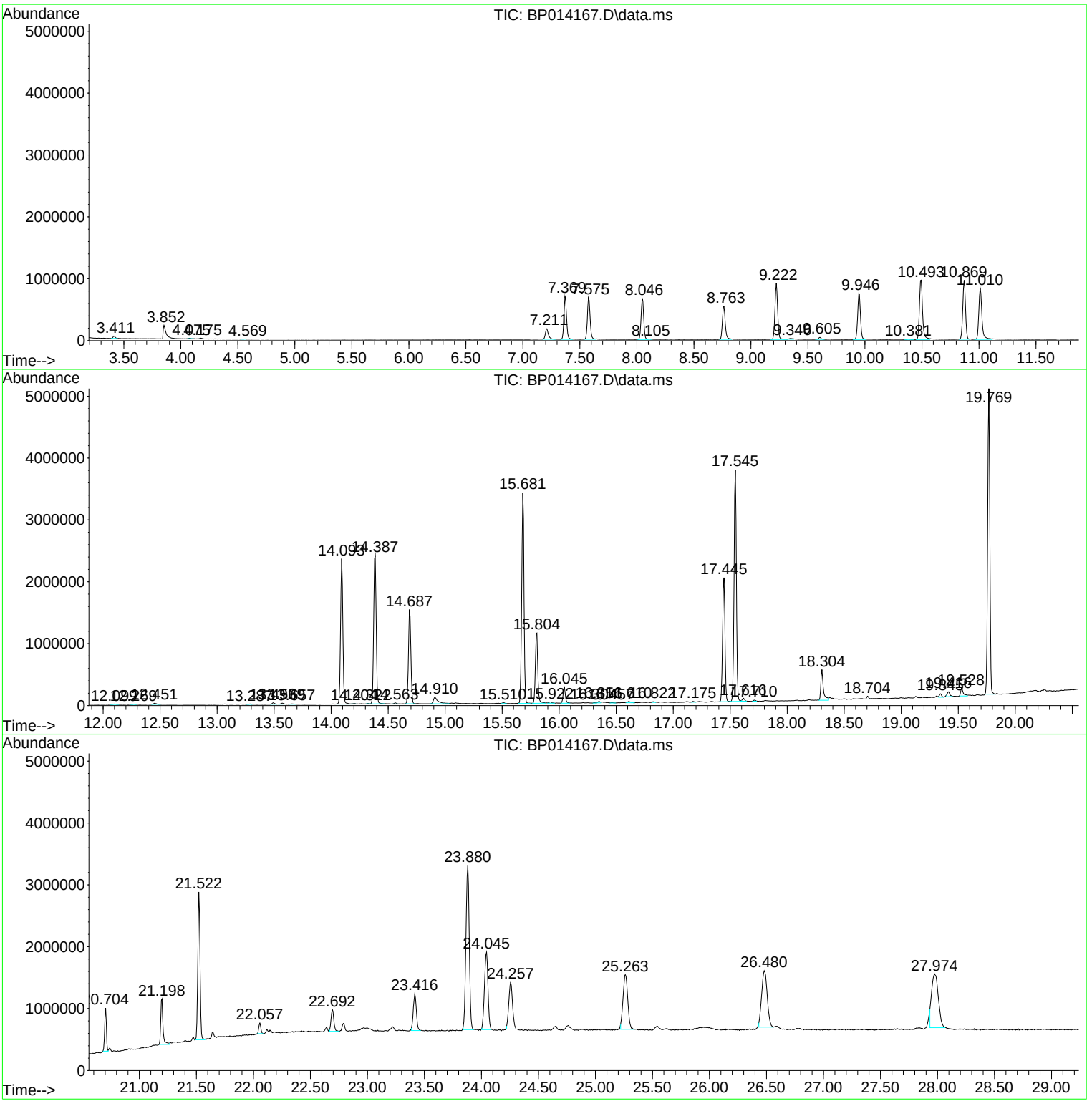
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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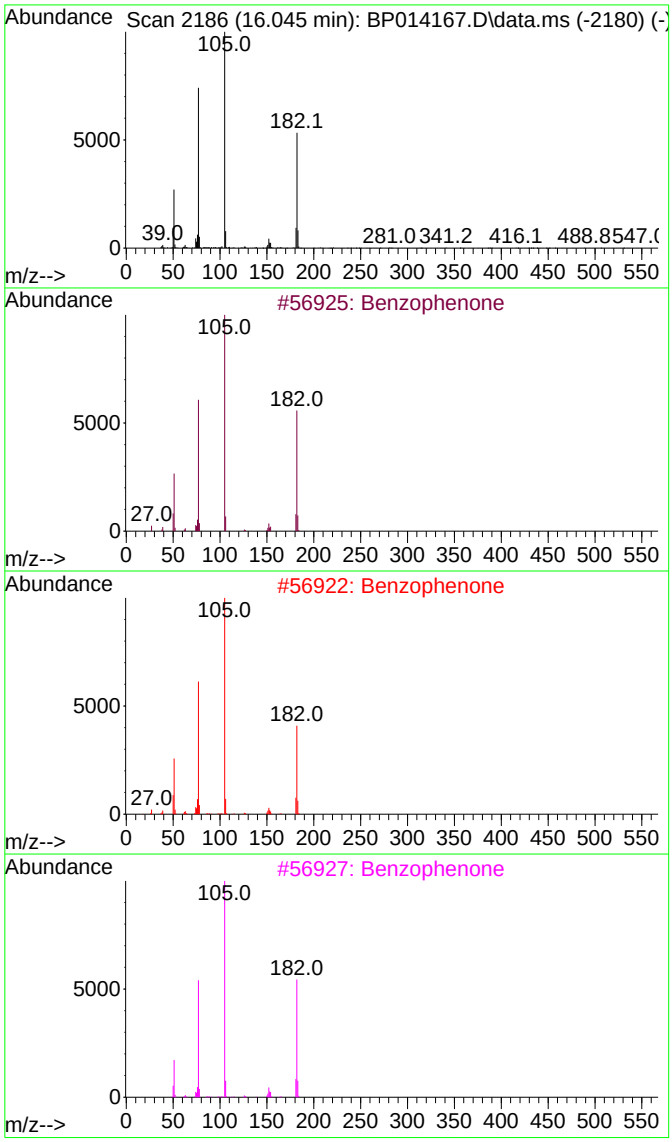
TIC Integration Parameters: LSCINT.P

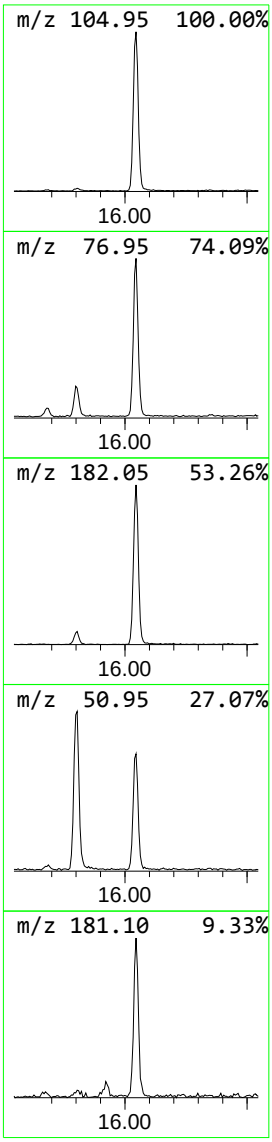
****

Peak Number 1 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	3.29 ng/ul	370780	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014167.D
Acq On : 21 Mar 2023 06:59
Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

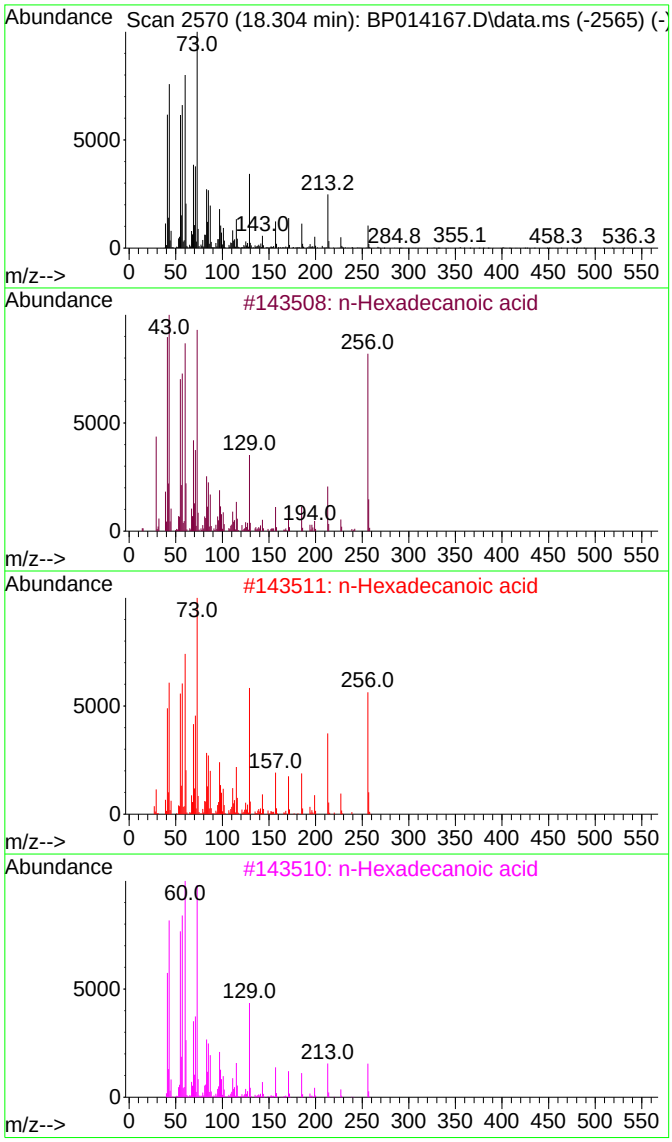
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

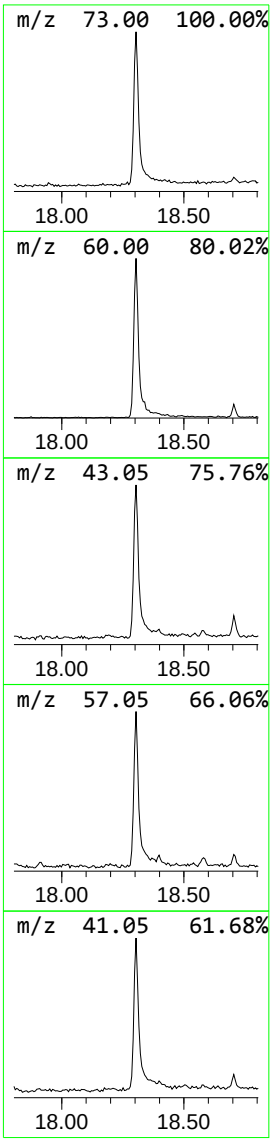
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	5.19 ng/ul	751060	Phenanthrene-d10	17.445

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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014167.D
Acq On : 21 Mar 2023 06:59
Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

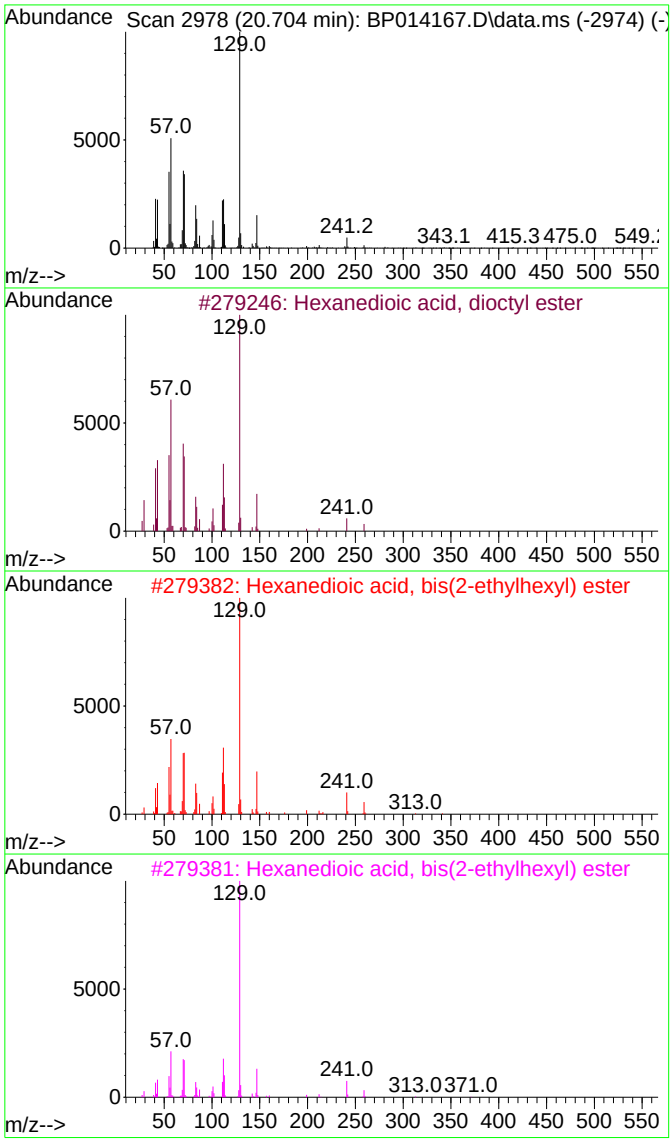
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

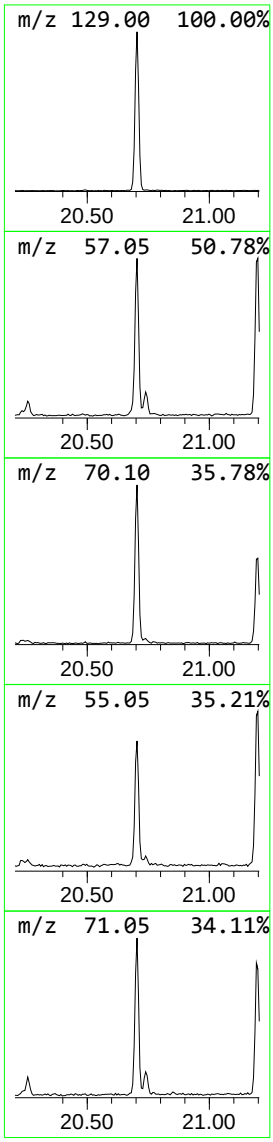
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexanedioic acid, dioctyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.704	4.51 ng/ul	729736	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
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Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

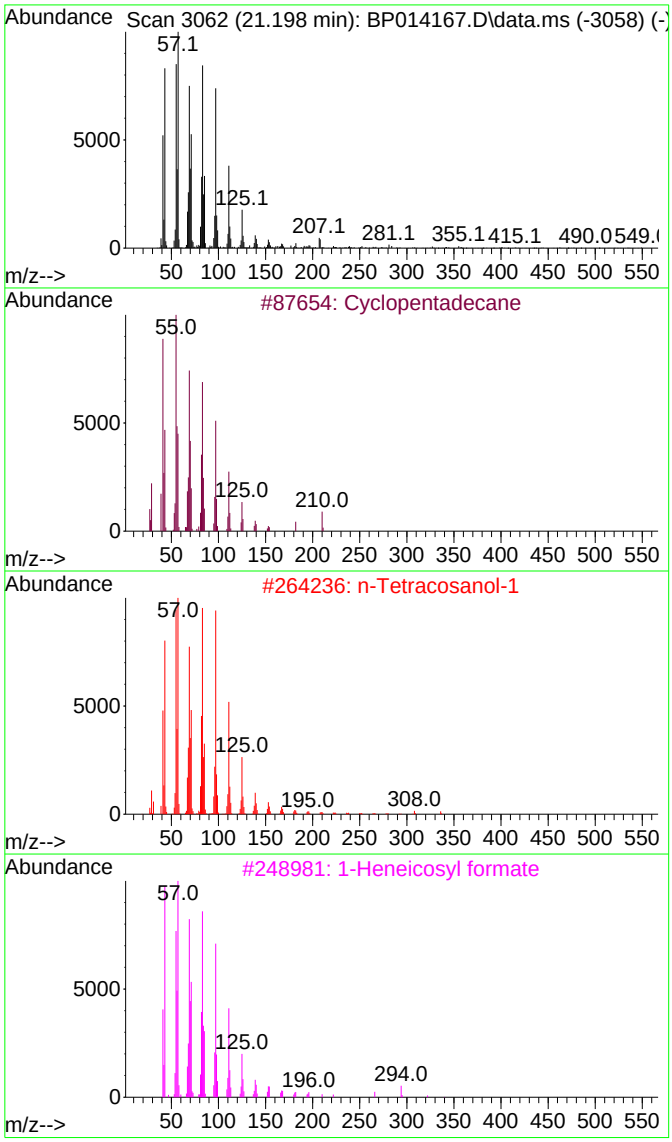
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

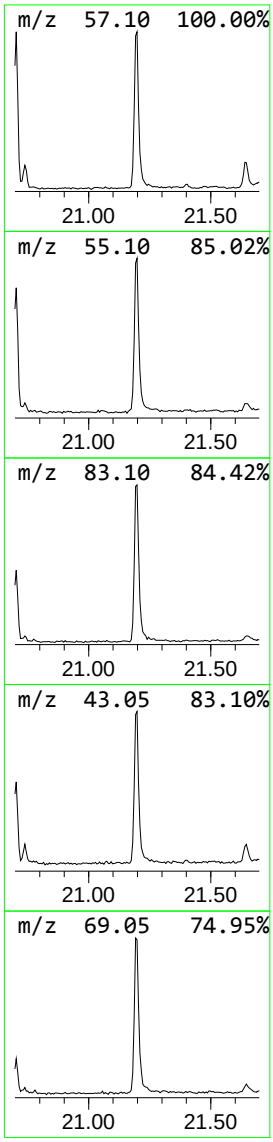
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.198 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	6.19 ng/ul	1001780	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





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ALS Vial : 33 Sample Multiplier: 1

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BNA_P
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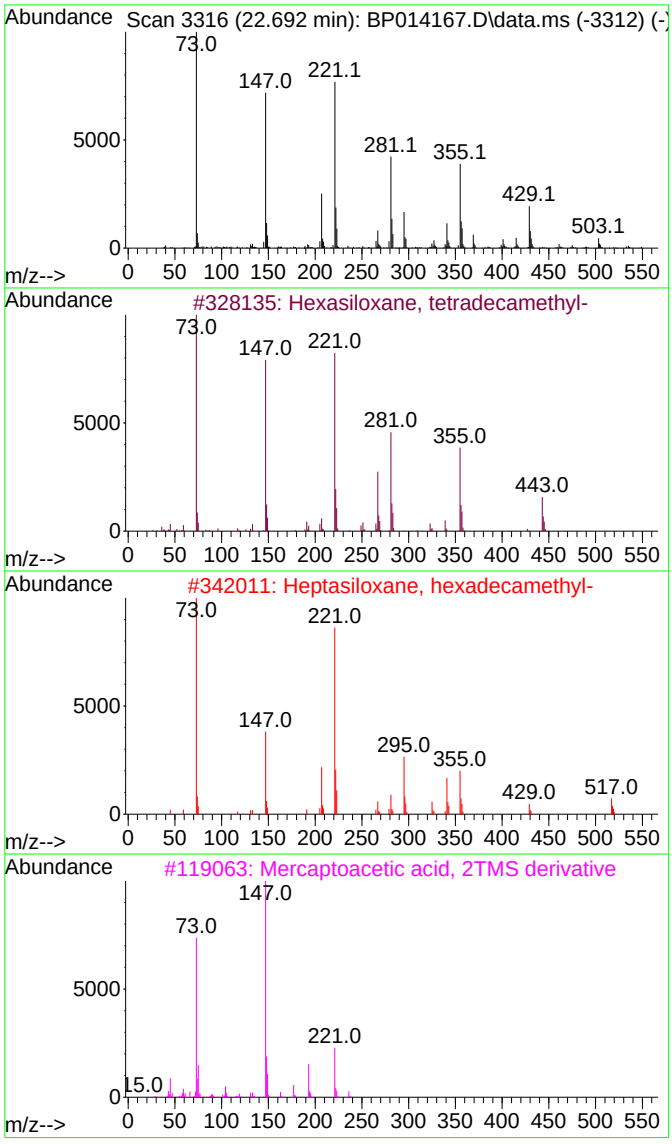
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

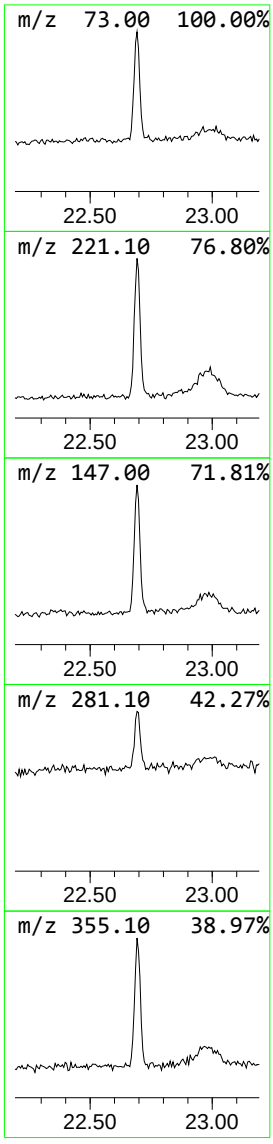
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexasiloxane, tetradecamethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.692	3.63 ng/ul	586628	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	87
2	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	43
3	Mercaptoacetic acid, 2TMS deriva...	236	C8H20O2SSi2	006398-62-5	38
4	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	38
5	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	38





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Quant Title : SVOA CALIBRATION

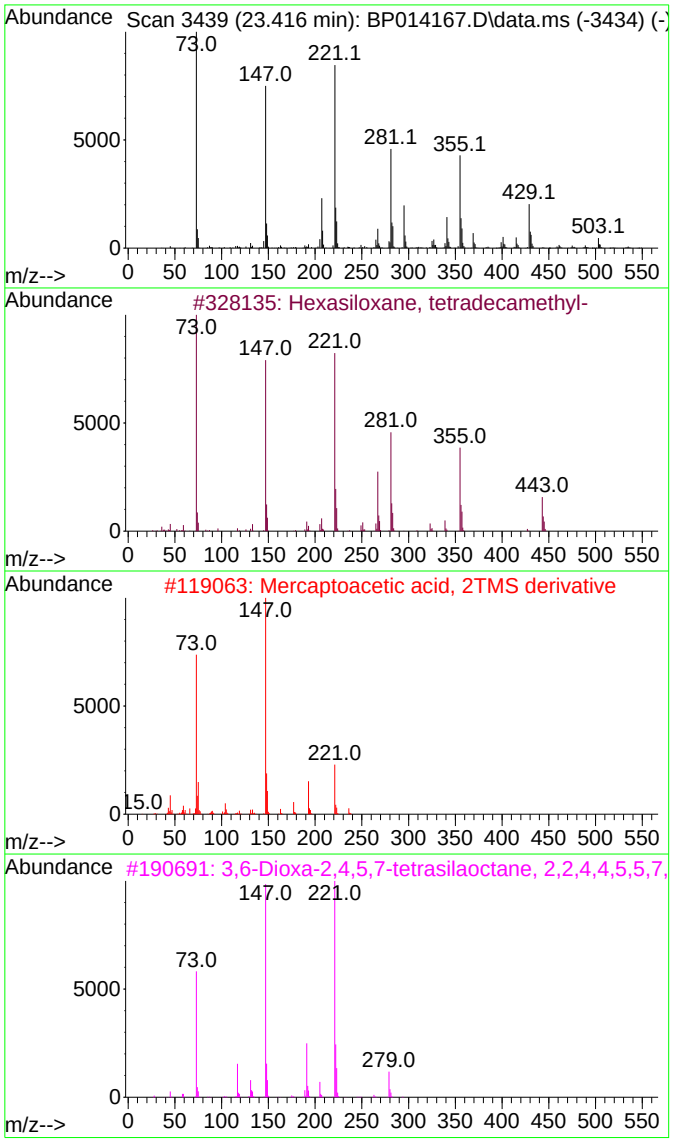
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

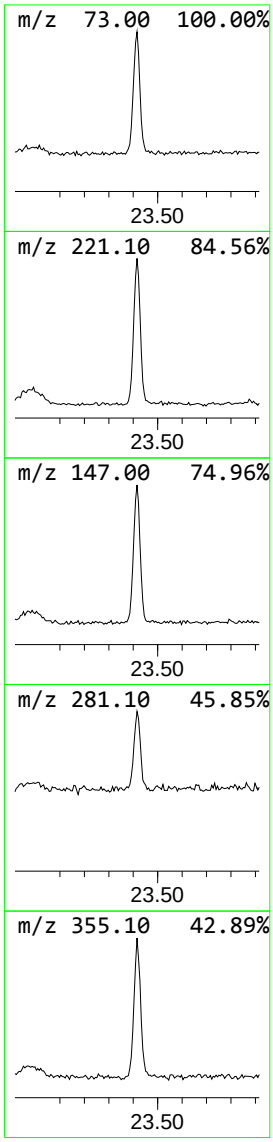
****

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.416	8.22 ng/ul	1099760	Perylene-d12	24.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	81
2	Mercaptoacetic acid, 2TMS deriva...	236	C8H20O2SSi2	006398-62-5	37
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
4	Mercaptoacetic acid, 2TMS deriva...	236	C8H20O2SSi2	006398-62-5	37
5	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	30





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Instrument :
BNA_P
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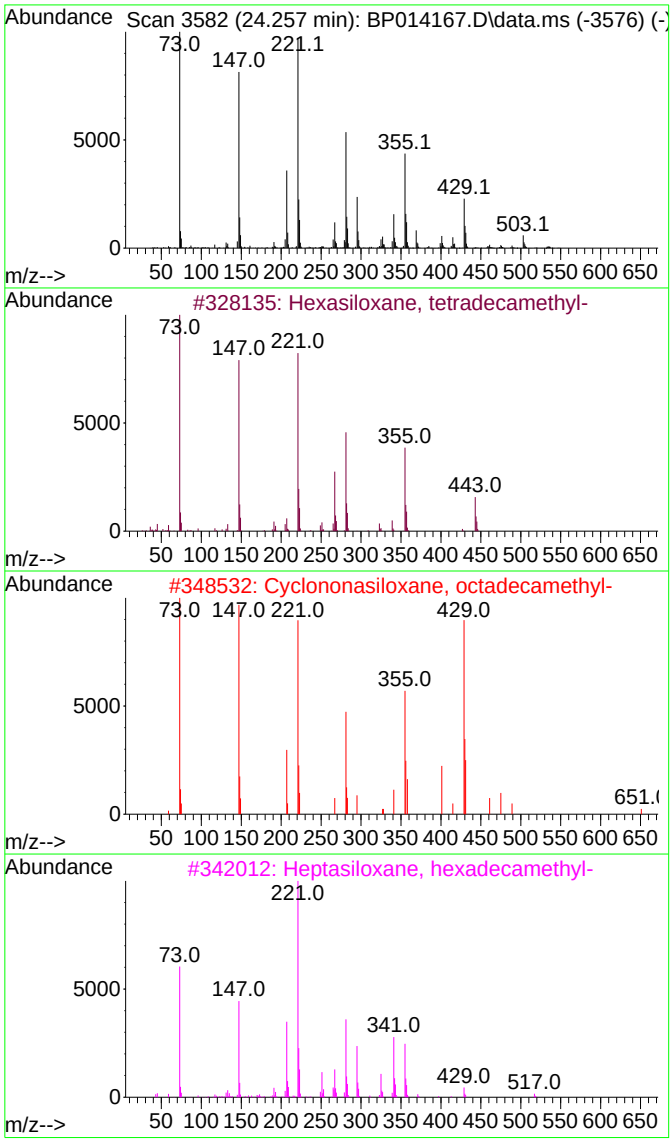
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

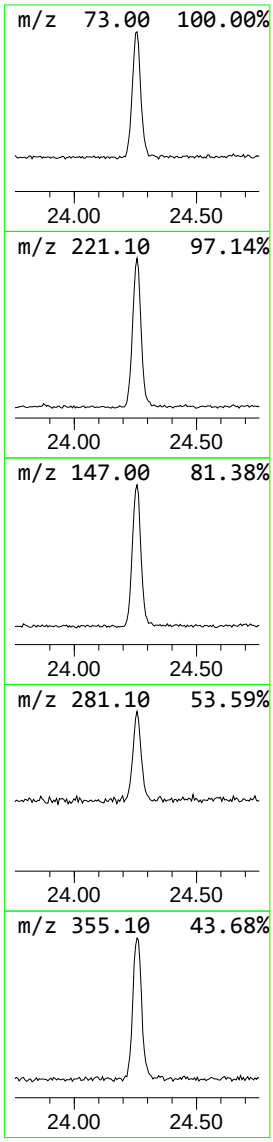
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclononasiloxane, octadeca... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.257	12.77 ng/ul	1708850	Perylene-d12	24.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	72
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
3	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	50
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	47
5	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	38





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Data File : BP014167.D
Acq On : 21 Mar 2023 06:59
Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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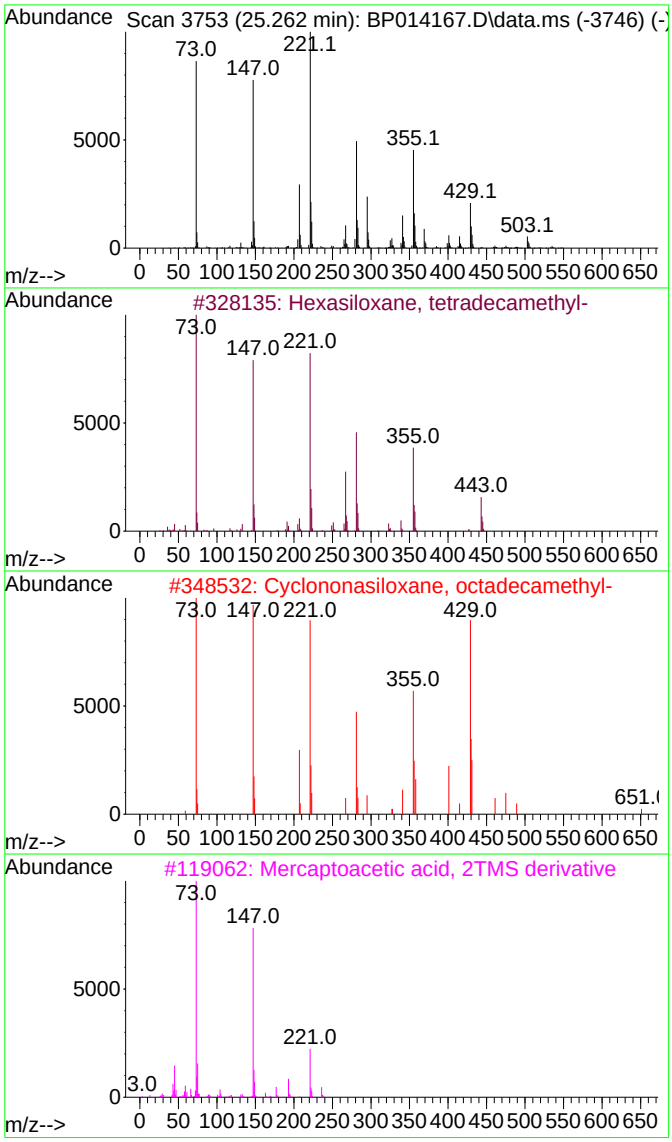
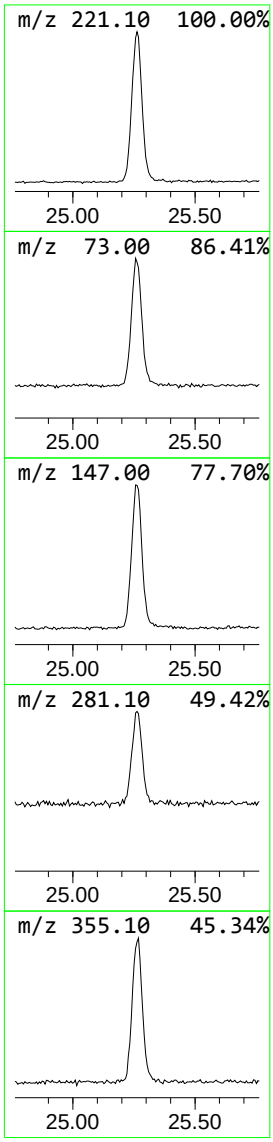
Peak Number 8 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.262	18.79 ng/ul	2514090	Perylene-d12	24.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	81
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
3	Mercaptoacetic acid, 2TMS deriva...	236	C8H20O2SSi2	006398-62-5	37
4	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	27
5	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H36O2Si2	1000364-43-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014167.D
Acq On : 21 Mar 2023 06:59
Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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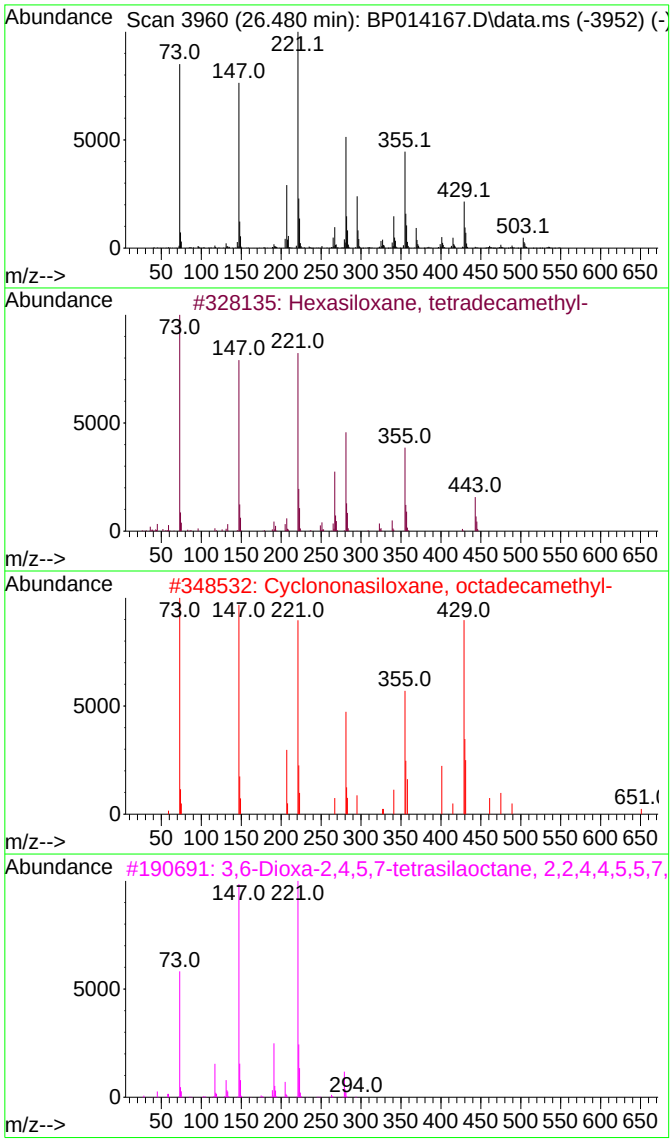
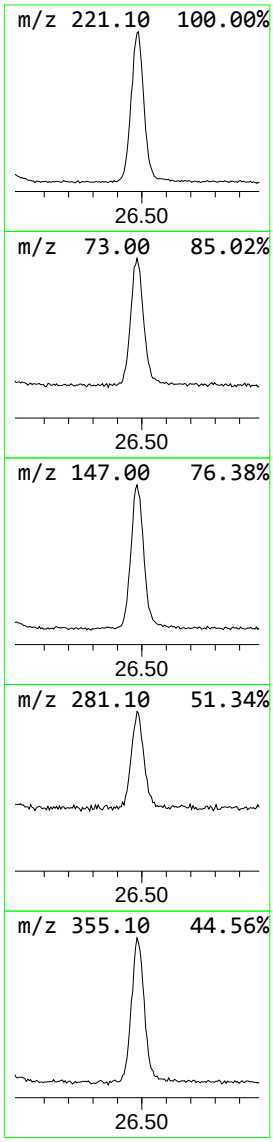
Peak Number 9 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.480	22.94 ng/ul	3068270	Perylene-d12	24.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	74
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	56
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
4	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H36O2Si2	1000364-43-9	25
5	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014167.D
Acq On : 21 Mar 2023 06:59
Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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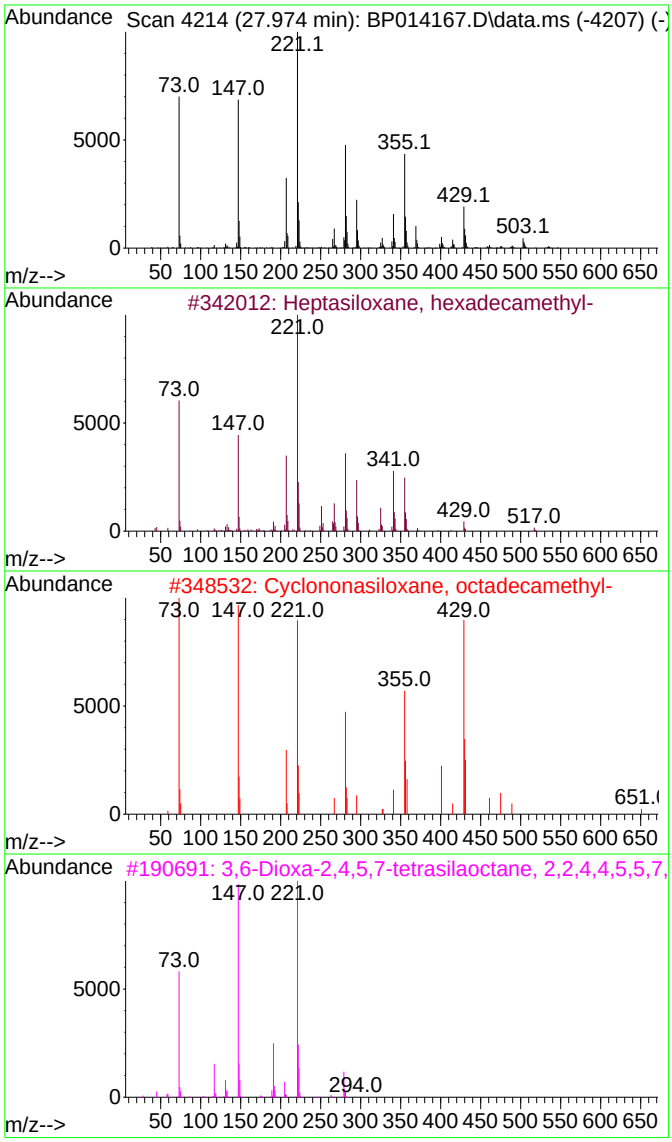
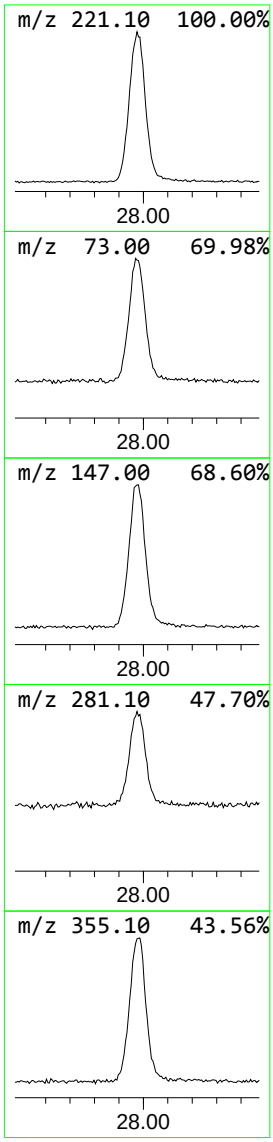
Peak Number 10 Heptasiloxane, hexadecamethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.974	26.42 ng/ul	3534260	Perylene-d12	24.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	64
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	59
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	43
4	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	35
5	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H36O2Si2	1000364-43-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014167.D
Acq On : 21 Mar 2023 06:59
Operator : CG/JU
Sample : 01885-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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
Benzophenone	16.045	3.3	ng/ul	370780	3	14.687	2257290	20.0
n-Hexadecanoic ...	18.304	5.2	ng/ul	751060	4	17.445	2895030	20.0
Hexanedioic aci...	20.704	4.5	ng/ul	729736	5	21.522	3234550	20.0
(DEL) Alkane: C...	21.198	6.2	ng/ul	1001780	5	21.522	3234550	20.0
Hexasiloxane, t...	22.692	3.6	ng/ul	586628	5	21.522	3234550	20.0
unknown-01	23.416	8.2	ng/ul	1099760	6	24.045	2675530	20.0
Cyclononasiloxa...	24.257	12.8	ng/ul	1708850	6	24.045	2675530	20.0
unknown-02	25.262	18.8	ng/ul	2514090	6	24.045	2675530	20.0
unknown-03	26.480	22.9	ng/ul	3068270	6	24.045	2675530	20.0
Heptasiloxane, ...	27.974	26.4	ng/ul	3534260	6	24.045	2675530	20.0