LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY5

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018786.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	26	30	35	rBV	49057	62919	0.18%	0.065%
2	3.681	97	101	116	rBV	541428	816502	2.33%	0.845%
3	5.158	342	352	368	rBV	19559319	35076757	100.00%	36.287%
4	6.811	627	633	638	rBV	172864	276051	0.79%	0.286%
5	6.922	647	652	659	rVV	75757	123696	0.35%	0.128%
6	7.005	660	666	677	rVB	715349	1177093	3.36%	1.218%
7	7.175	689	695	707	rVB	580853	880443	2.51%	0.911%
8	7.369	719	728	739	rBV	735093	1213676	3.46%	1.256%
9	7.722	781	788	797	rBV	262750	416947	1.19%	0.431%
10	7.840	799	808	810	rVV	628970	1025053	2.92%	1.060%
11	7.875	810	814	826	rVB	1370064	2160312	6.16%	2.235%
12	8.187	862	867	874	rVB	24073	36584	0.10%	0.038%
13	8.546	921	928	935	rBV	951243	1521229	4.34%	1.574%
14	8.605	935	938	946	rVB	40826	65989	0.19%	0.068%
15	8.999	995	1005	1013	rBV	688545	1126324	3.21%	1.165%
16	9.563	1092	1101	1104	rBV2	104804	190489	0.54%	0.197%
17	9.605	1104	1108	1118	rVB	159772	334559	0.95%	0.346%
18	9.716	1118	1127	1133	rBV	583830	936938	2.67%	0.969%
19	9.775	1133	1137	1144	rVB	95468	150343	0.43%	0.156%
20	10.252	1209	1218	1227	rBV	971597	1612789	4.60%	1.668%
21	10.528	1255	1265	1273	rBV2	34911	88757	0.25%	0.092%
22	10.628	1275	1282	1291	rVB	792311	1337568	3.81%	1.384%
23	10.775	1298	1307	1321	rBV	834887	1485101	4.23%	1.536%
24	13.369	1741	1748	1756	rBV5	15780	41590	0.12%	0.043%
25	13.881	1829	1835	1841	rBV	1839432	2577234	7.35%	2.666%
26	14.157	1871	1882	1891	rBV	1991736	2978842	8.49%	3.082%
27	14.463	1926	1934	1942	rBV	1240274	1857788	5.30%	1.922%
28	14.669	1963	1969	1985	rBV	826962	1293267	3.69%	1.338%
29	15.457	2096	2103	2117	rBV	2766019	3977405	11.34%	4.115%
30	15.575	2117	2123	2134	rBV	673882	959070	2.73%	0.992%
31	17.216	2393	2402	2409	rBV	1669396	2392369	6.82%	2.475%
32	17.316	2412	2419	2428	rVV	3115198	4527560	12.91%	4.684%
33	17.610	2464	2469	2480	rVB10	17434	41979	0.12%	0.043%
34	18.110	2549	2554	2562	rBV	447566	644989	1.84%	0.667%
35	18.522	2620	2624	2627	rBV3	34840	46224	0.13%	0.048%
36	19.128	2723	2727	2731	rBV2	51666	64808	0.18%	0.067%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	19.192	2734	2738	2742	rBV	67448	104491	0.30%	0.108%
38	19.339	2759	2763	2772	rBV	178372	239569	0.68%	0.248%
39	19.551	2793	2799	2805	rBV	4513005	5855512	16.69%	6.058%
40	19.881	2852	2855	2860	rVB	72158	80019	0.23%	0.083%
41	20.081	2886	2889	2893	rVB	67495	77055	0.22%	0.080%
42	20.363	2934	2937	2940	rBV3	36752	46533	0.13%	0.048%
43	20.563	2968	2971	2975	rVB	60115	63834	0.18%	0.066%
44	20.633	2980	2983	2987	rVB3	56628	70439	0.20%	0.073%
45	20.728	2995	2999	3003	rBV3	112053	150349	0.43%	0.156%
46	20.910	3026	3030	3034	rBV	341775	430138	1.23%	0.445%
47	21.022	3045	3049	3051	rBV	482255	645700	1.84%	0.668%
48	21.051	3051	3054	3059	rVB	703477	871997	2.49%	0.902%
49	21.304	3092	3097	3102	rBV	2589081	3182346	9.07%	3.292%
50	21.904	3196	3199	3202	rBV	140675	203314	0.58%	0.210%
51	21.939	3202	3205	3212	rVB3	157904	288024	0.82%	0.298%
52	22.945	3371	3376	3381	rBV	374767	575975	1.64%	0.596%
53	23.516	3465	3473	3480	rBV	3514664	6714900	19.14%	6.947%
54	23.663	3491	3498	3513	rVB	1642093	3544361	10.10%	3.667%

Sum of corrected areas: 96663800

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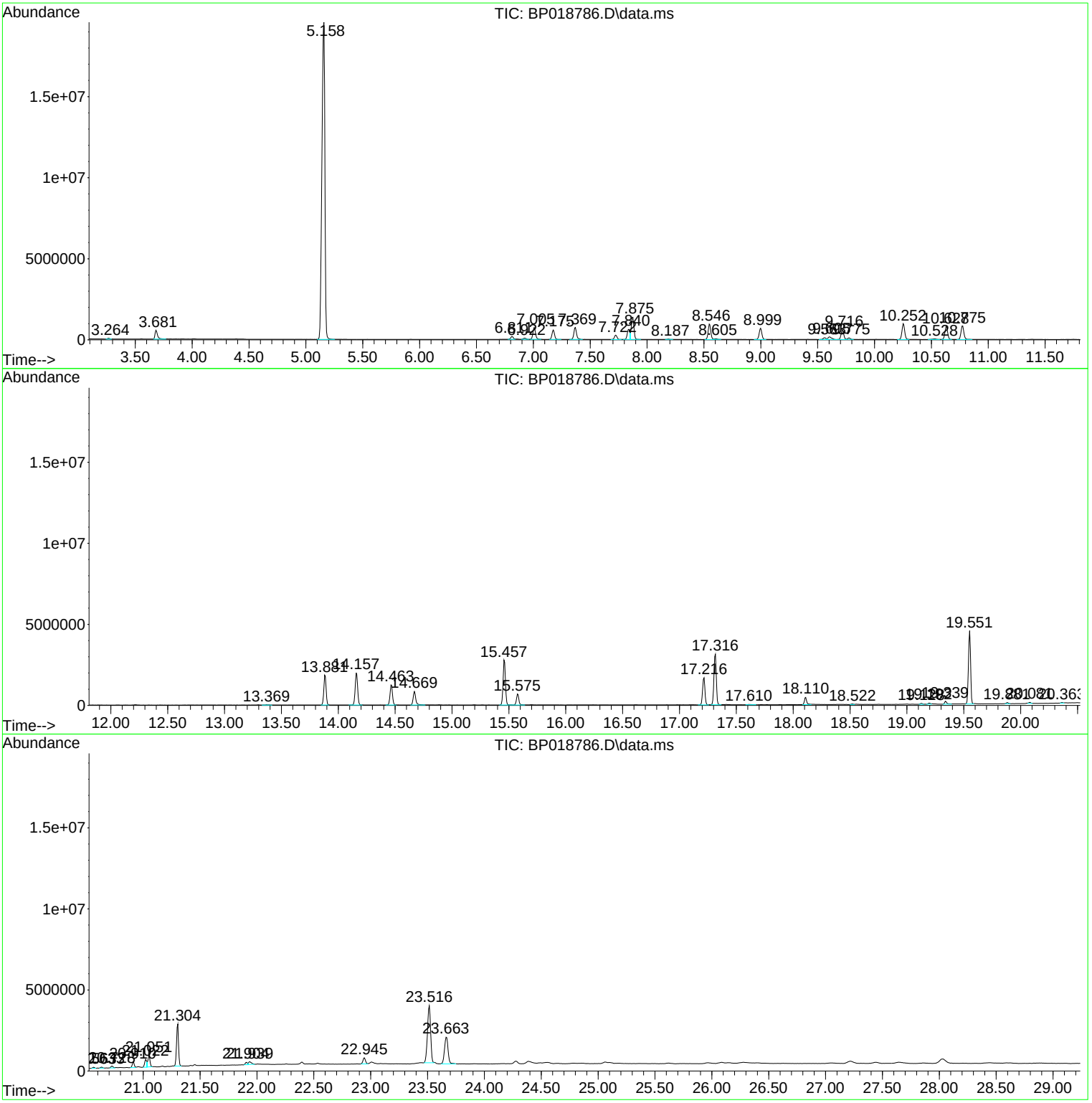
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

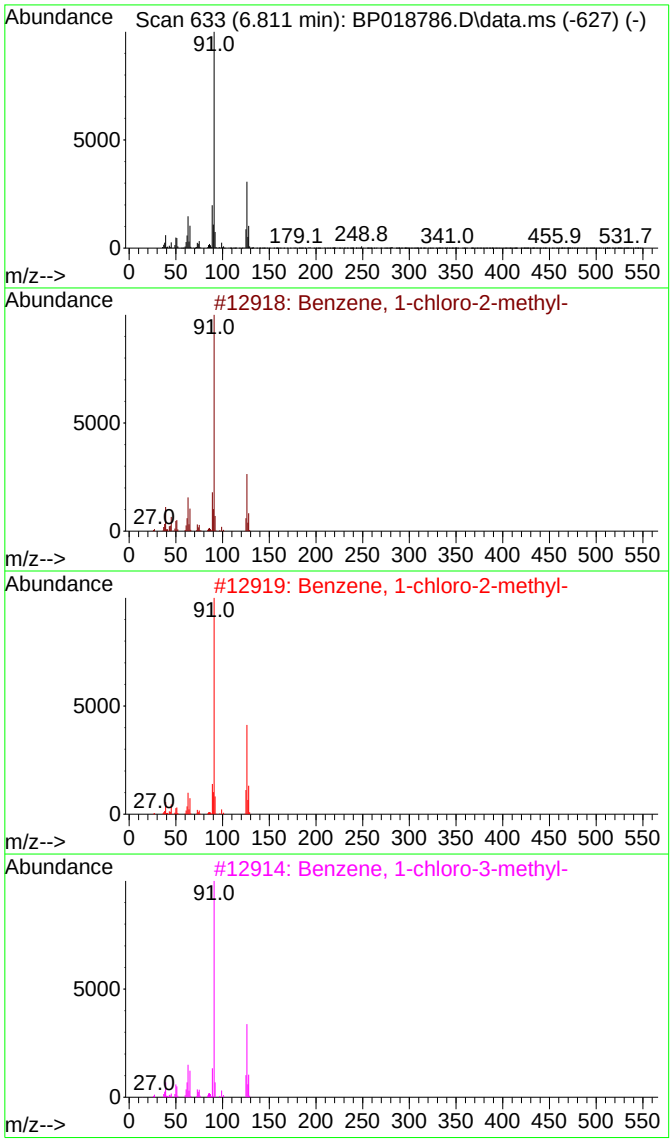
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

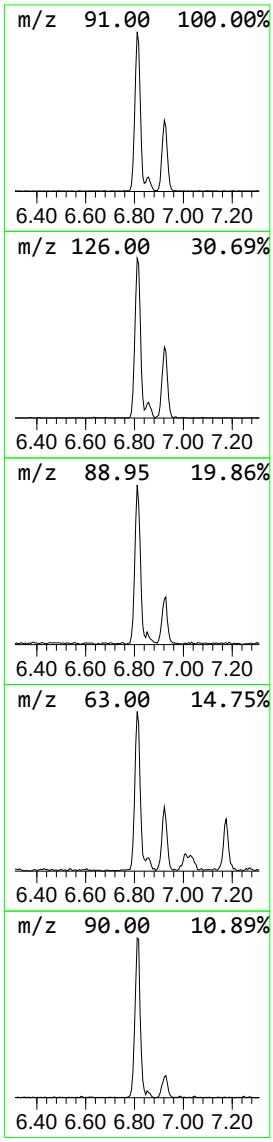
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.811	5.39 ng/ul	276051	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

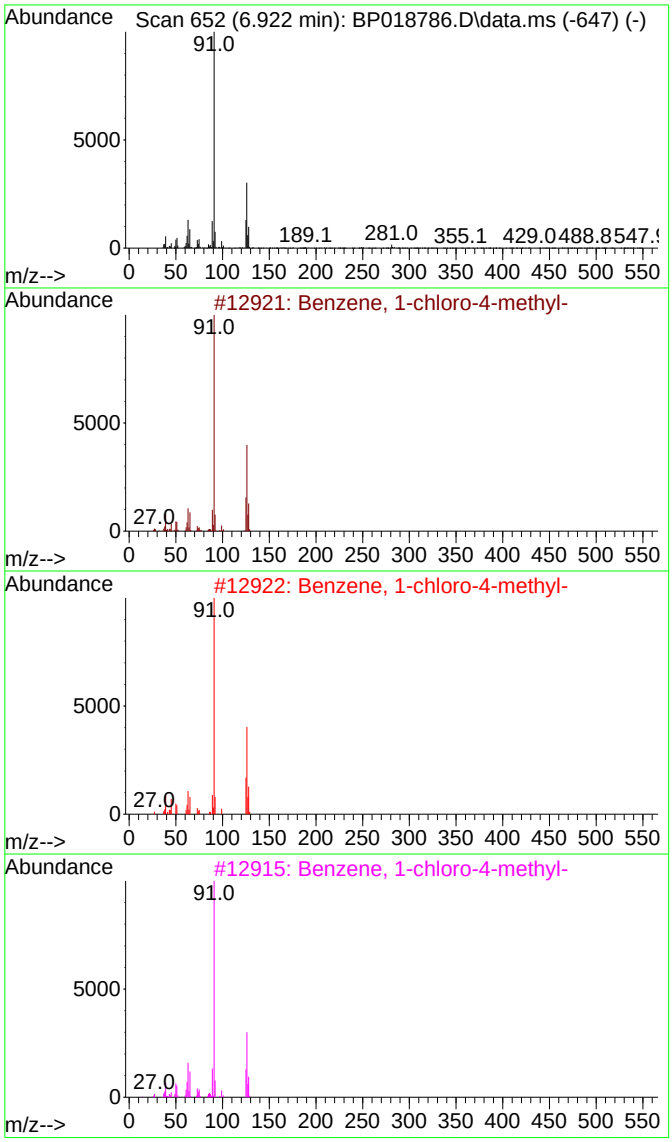
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

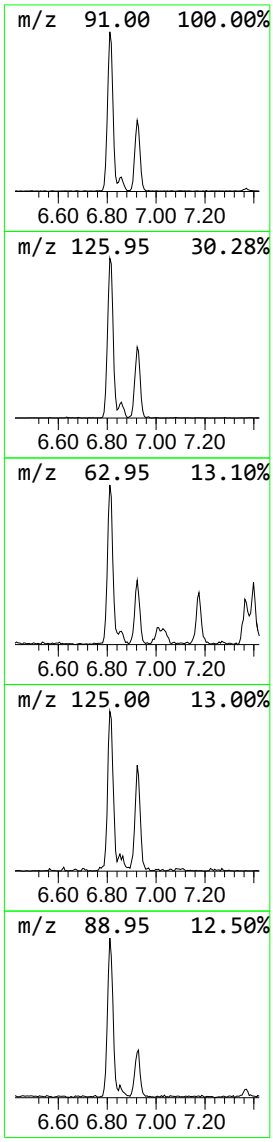
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-chloro-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	2.41 ng/ul	123696	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	97
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	95
3	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	95
4	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	95
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

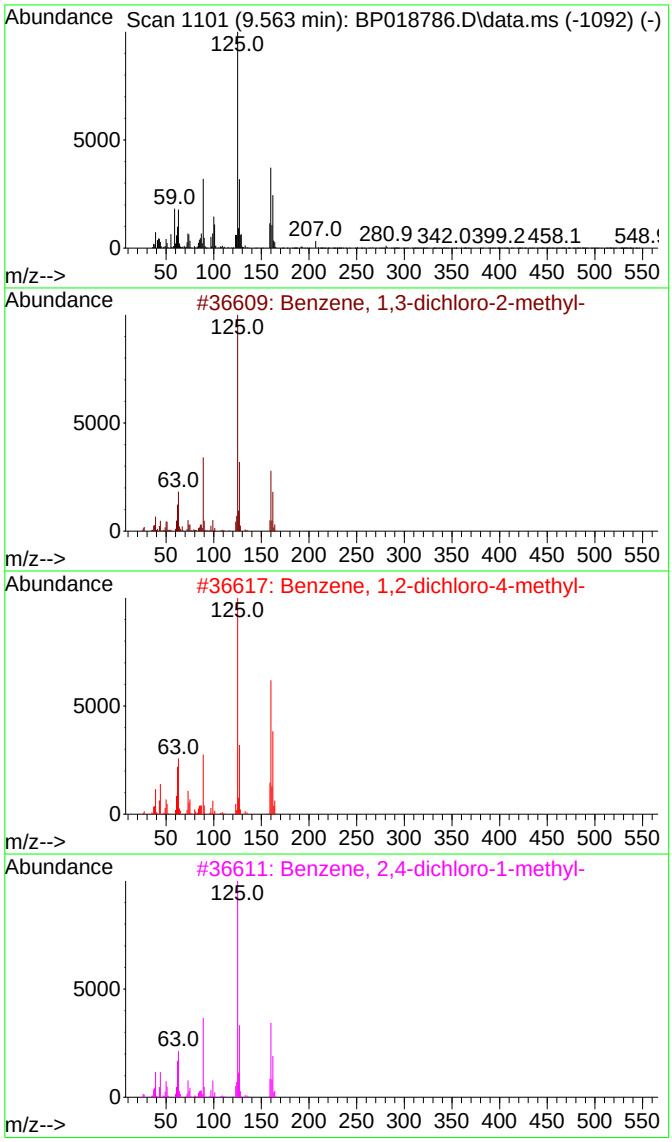
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

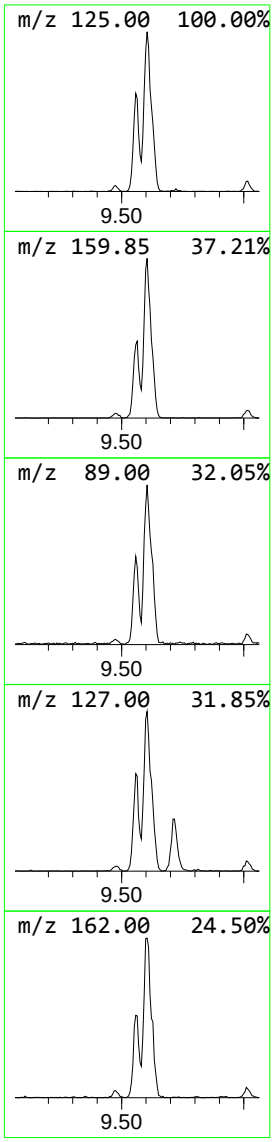
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-dichloro-2-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	2.85 ng/ul	190489	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
2	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	96
3	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96
4	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96
5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

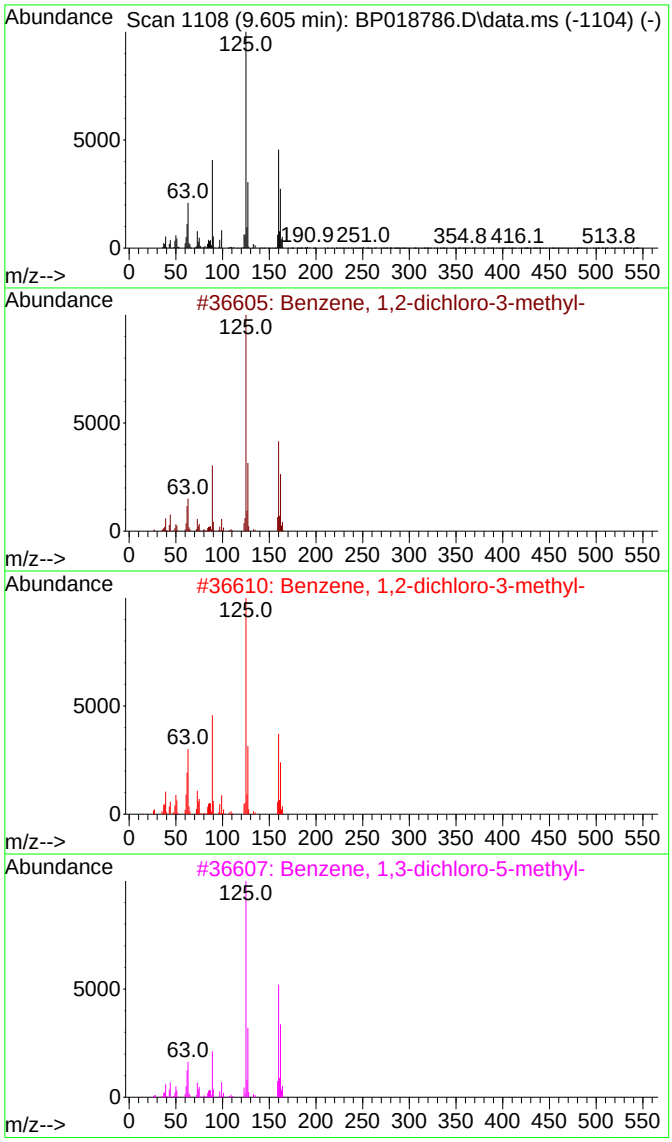
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

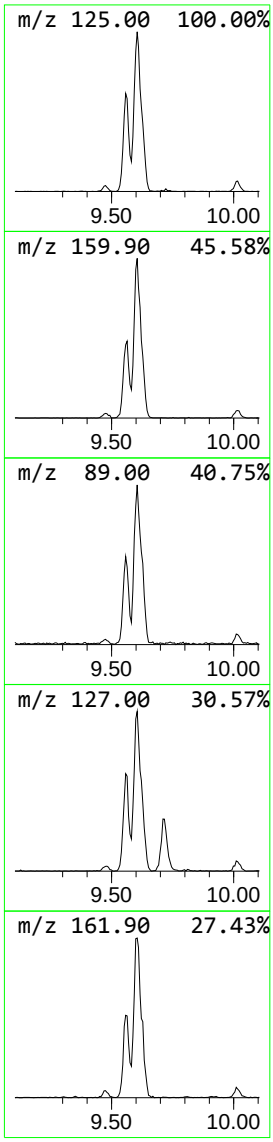
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2-dichloro-3-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	5.00 ng/ul	334559	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
3	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
4	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	95
5	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	95





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Sample : 05646-09
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ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

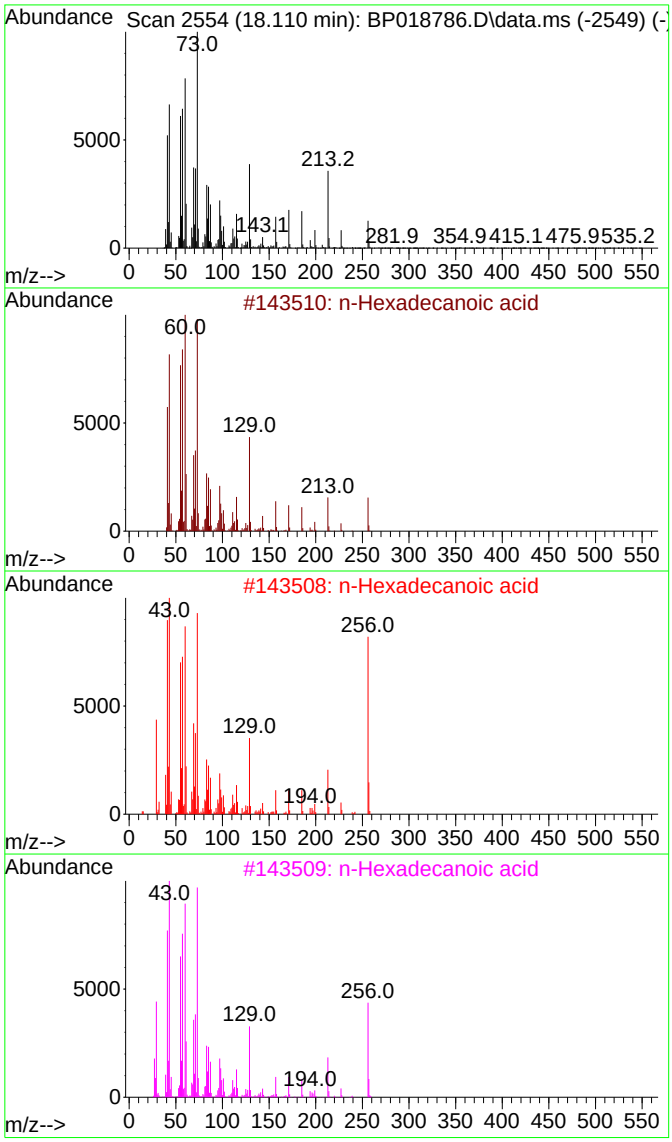
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

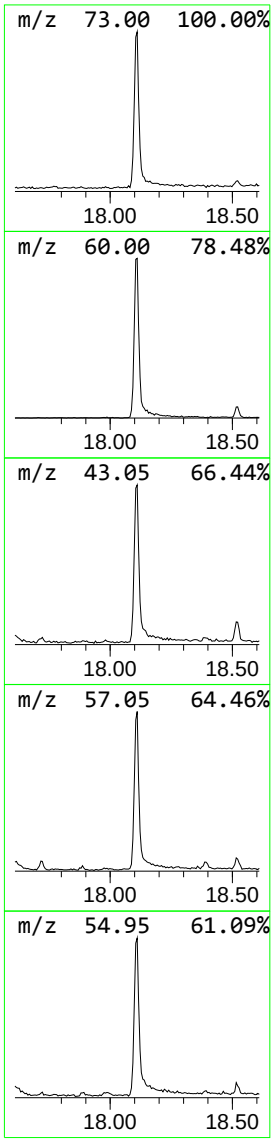
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	5.39 ng/ul	644989	Phenanthrene-d10	17.216

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

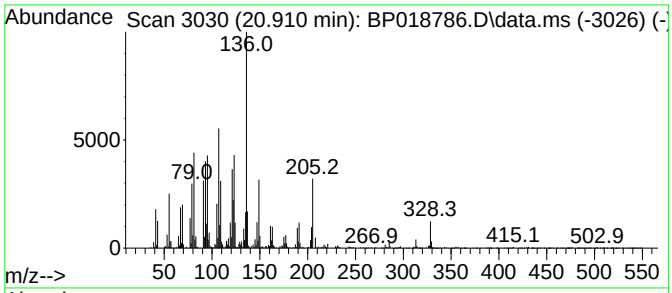
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

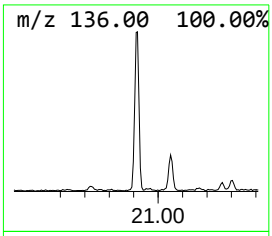
****

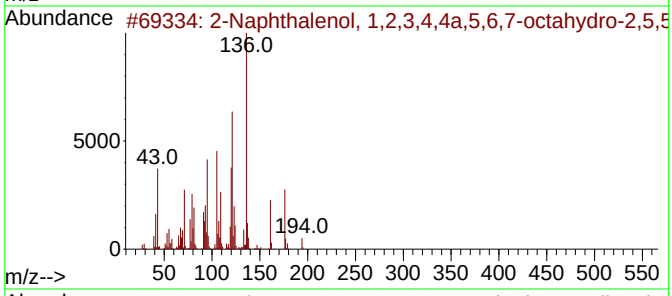
Peak Number 9 unknown-01 Concentration Rank 10

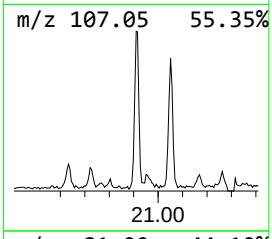
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.70 ng/ul	430138	Chrysene-d12	21.304

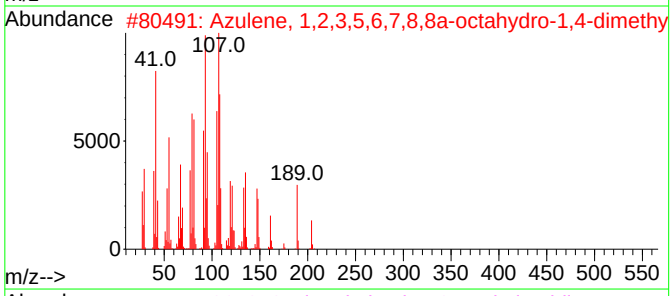
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1,2,3,4,4a,5,6,7...	194	C13H22O	041199-19-3	43
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	35
3	2-Dimethylamino-3-methylpyridine	136	C8H12N2	061713-46-0	30
4	Benzenemethanol, 4-ethyl-	136	C9H12O	000768-59-2	25
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	25

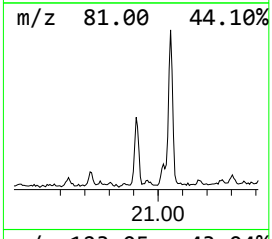


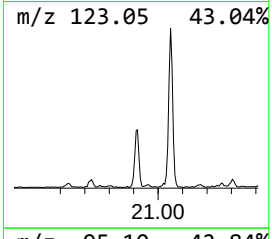


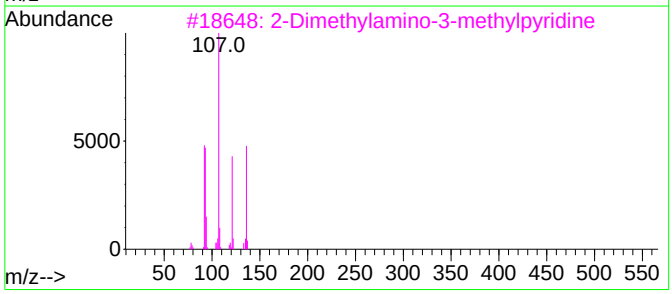


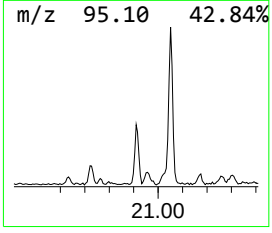












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Acq On : 13 Dec 2023 01:56
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Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

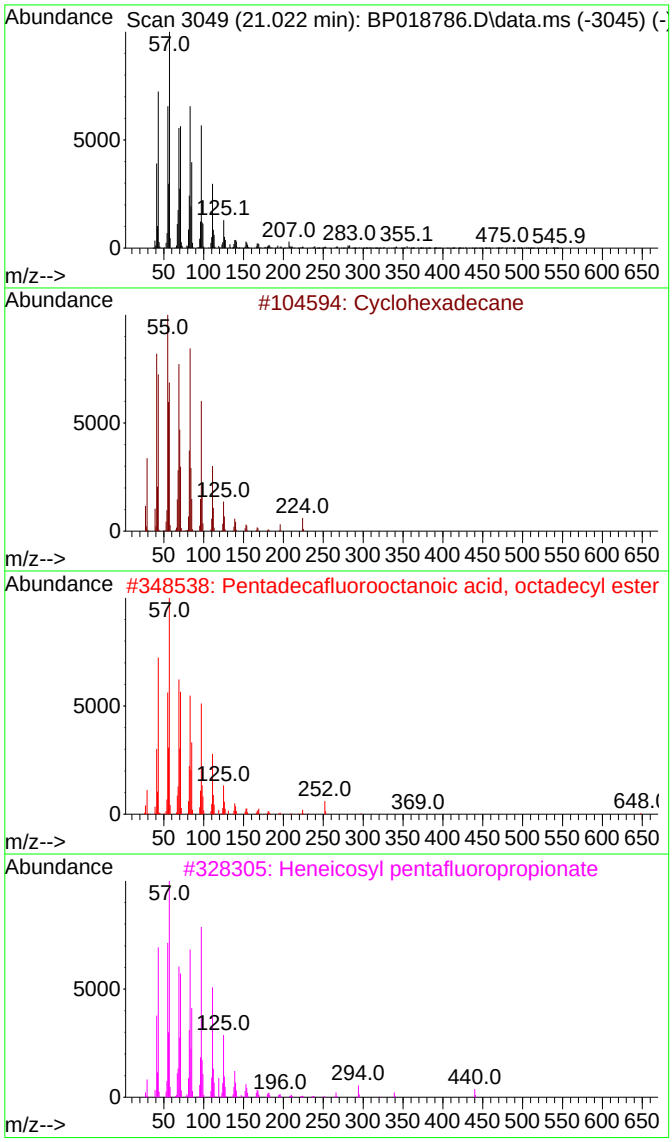
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

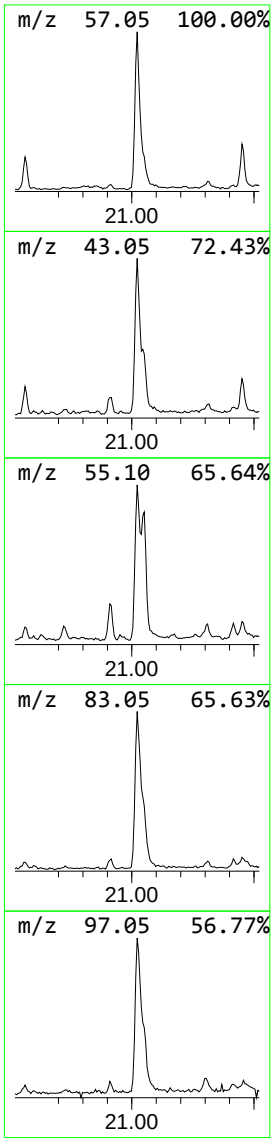
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic21.022 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	4.06 ng/ul	645700	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

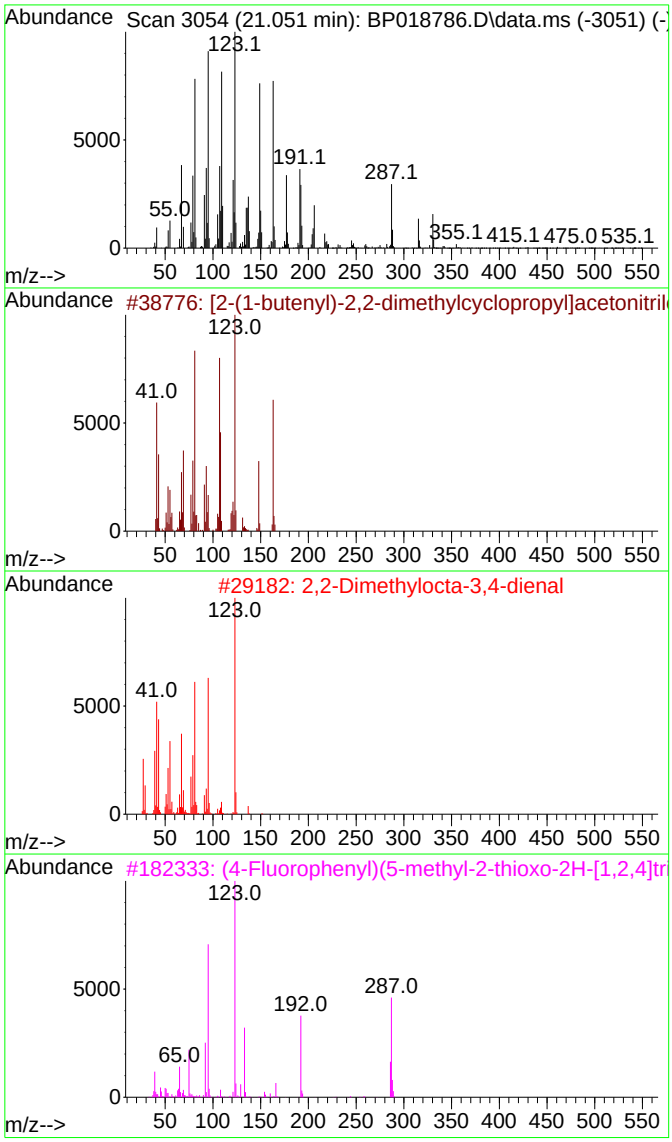
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

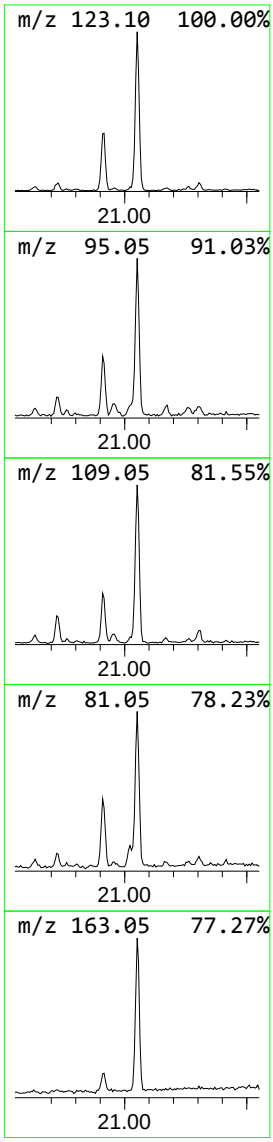
****

Peak Number 11 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	5.48 ng/ul	871997	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	38
2	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	38
3	(4-Fluorophenyl)(5-methyl-2-thio...	287	C14H10FN3OS	1000304-13-9	30
4	Benzamide, 4-fluoro-N-(7-methyl-...	287	C14H10FN3OS	1000350-88-7	30
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

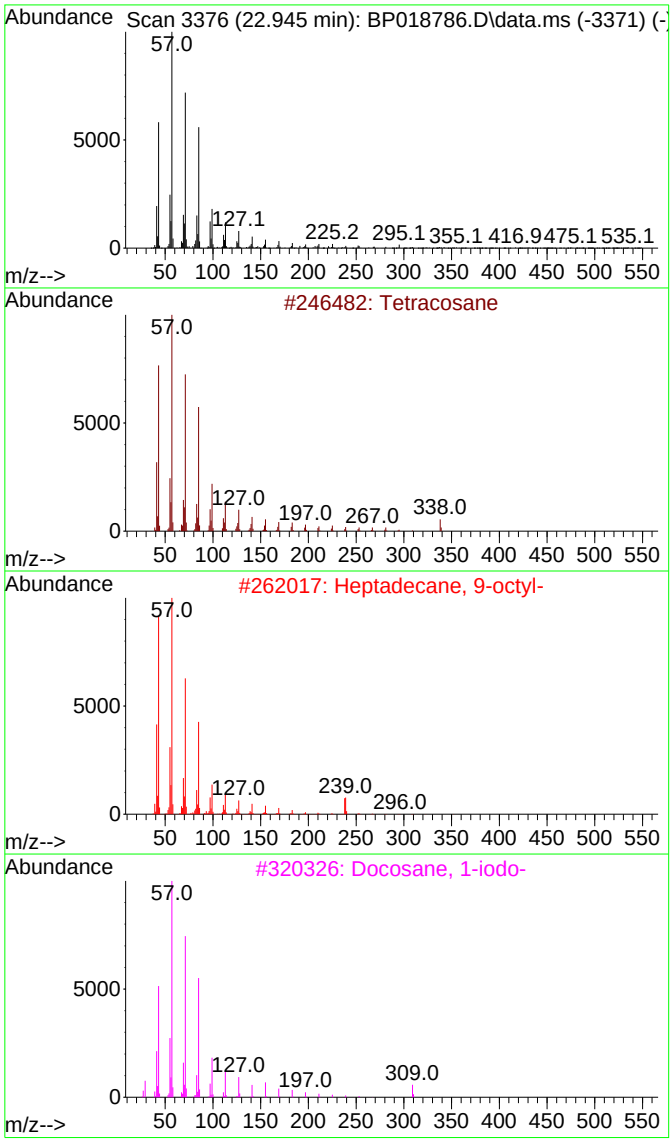
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

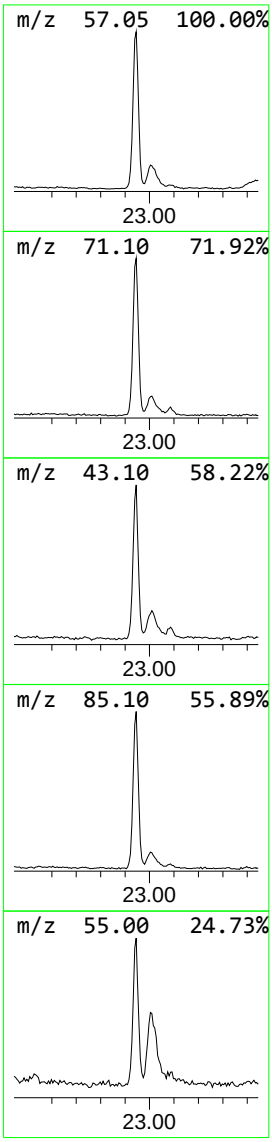
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.945	3.25 ng/ul	575975	Perylene-d12	23.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentacosane	352	C25H52	000629-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018786.D
Acq On : 13 Dec 2023 01:56
Operator : MA/JU
Sample : 05646-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
Benzene, 1-chlo...	6.811	5.4	ng/ul	276051	1	7.840	1025050	20.0
Benzene, 1-chlo...	6.922	2.4	ng/ul	123696	1	7.840	1025050	20.0
Benzene, 1,3-di...	9.563	2.9	ng/ul	190489	2	10.628	1337570	20.0
Benzene, 1,2-di...	9.605	5.0	ng/ul	334559	2	10.628	1337570	20.0
n-Hexadecanoic ...	18.110	5.4	ng/ul	644989	4	17.216	2392370	20.0
unknown-01	20.910	2.7	ng/ul	430138	5	21.304	3182350	20.0
(DEL) Alkane: C...	21.022	4.1	ng/ul	645700	5	21.304	3182350	20.0
unknown-02	21.051	5.5	ng/ul	871997	5	21.304	3182350	20.0
(DEL) Alkane: S...	22.945	3.3	ng/ul	575975	6	23.663	3544360	20.0