LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBHW2

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-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	23	28	33	rBV	290396	364530	4.31%	0.476%
2	3.299	33	36	40	rVB	48054	56942	0.67%	0.074%
3	3.734	107	110	126	rBV	278363	416600	4.93%	0.543%
4	3.922	138	142	150	rVB	47614	66986	0.79%	0.087%
5	4.040	159	162	169	rVB3	13598	22984	0.27%	0.030%
6	4.181	183	186	190	rBV4	12988	16551	0.20%	0.022%
7	4.428	224	228	236	rVB4	15114	24977	0.30%	0.033%
8	4.564	244	251	265	rBV	3998991	5569022	65.91%	7.264%
9	4.975	317	321	326	rBV	8869	12829	0.15%	0.017%
10	5.558	416	420	427	rVB3	5970	9170	0.11%	0.012%
11	6.328	547	551	557	rBV3	15182	22657	0.27%	0.030%
12	6.893	644	647	656	rVB6	11883	19451	0.23%	0.025%
13	7.081	673	679	690	rBV	255912	408173	4.83%	0.532%
14	7.269	704	711	724	rBV	986001	1485480	17.58%	1.938%
15	7.446	734	741	752	rBV	947805	1479539	17.51%	1.930%
16	7.540	754	757	761	rVB6	6473	8613	0.10%	0.011%
17	7.928	814	823	835	rBV	750289	1190370	14.09%	1.553%
18	8.640	937	944	955	rBV	742260	1195084	14.14%	1.559%
19	9.128	1018	1027	1036	rBV	1128837	1870434	22.14%	2.440%
20	9.287	1050	1054	1057	rBV3	7102	9036	0.11%	0.012%
21	9.322	1057	1060	1065	rVB5	7849	11577	0.14%	0.015%
22	9.840	1141	1148	1161	rBV	969151	1567279	18.55%	2.044%
23	10.363	1229	1237	1257	rBV	1373804	2342988	27.73%	3.056%
24	10.752	1294	1303	1310	rBV	1048597	1742733	20.63%	2.273%
25	10.916	1323	1331	1342	rBV	661848	1170232	13.85%	1.526%
26	11.569	1437	1442	1450	rVB2	23096	41966	0.50%	0.055%
27	12.334	1565	1572	1577	rBV	23789	38353	0.45%	0.050%
28	12.404	1580	1584	1590	rVB5	8490	14565	0.17%	0.019%
29	12.628	1617	1622	1628	rVB4	8035	14452	0.17%	0.019%
30	13.428	1753	1758	1764	rVB2	30019	48486	0.57%	0.063%
31	13.745	1805	1812	1813	rBV7	7000	10616	0.13%	0.014%
32	13.763	1813	1815	1822	rVB6	8503	11429	0.14%	0.015%
33	13.898	1834	1838	1843	rBV2	10723	16275	0.19%	0.021%
34	13.951	1843	1847	1850	rBV4	8448	13181	0.16%	0.017%
35	14.004	1850	1856	1870	rVB	2991239	3892975	46.07%	5.078%
36	14.287	1897	1904	1914	rBV	3113973	4529122	53.60%	5.908%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

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-BP092023.MA.M
Title : SVOA CALIBRATION

37	14.587	1948	1955	1964	rBV	1611113	2297913	27.20%	2.997%
38	14.822	1985	1995	2010	rBV2	168894	348775	4.13%	0.455%
39	14.969	2016	2020	2026	rBV6	12453	29340	0.35%	0.038%
40	15.045	2029	2033	2038	rVB5	11144	20060	0.24%	0.026%
41	15.192	2054	2058	2061	rVB5	6853	10804	0.13%	0.014%
42	15.240	2061	2066	2071	rBV9	7034	10544	0.12%	0.014%
43	15.587	2118	2125	2132	rBV	4265511	5818119	68.86%	7.589%
44	15.657	2132	2137	2142	rVV	275807	401549	4.75%	0.524%
45	15.716	2142	2147	2161	rVV	1363475	1835295	21.72%	2.394%
46	15.822	2161	2165	2169	rVB4	18856	28448	0.34%	0.037%
47	16.122	2211	2216	2220	rBV	83848	112341	1.33%	0.147%
48	16.451	2269	2272	2278	rVB3	12158	20060	0.24%	0.026%
49	16.639	2300	2304	2309	rVB	36230	48353	0.57%	0.063%
50	16.710	2311	2316	2318	rBV6	9881	15503	0.18%	0.020%
51	16.863	2339	2342	2347	rVB7	9246	12667	0.15%	0.017%
52	17.151	2387	2391	2393	rBV5	6083	9235	0.11%	0.012%
53	17.357	2420	2426	2433	rBV	2004905	2849927	33.73%	3.718%
54	17.463	2437	2444	2456	rBV	4784080	6772881	80.16%	8.835%
55	17.716	2484	2487	2490	rBV5	12660	17698	0.21%	0.023%
56	18.204	2565	2570	2577	rBV	329644	481337	5.70%	0.628%
57	19.275	2748	2752	2756	rBV	64243	87993	1.04%	0.115%
58	19.339	2760	2763	2768	rVB	57669	83769	0.99%	0.109%
59	19.439	2776	2780	2785	rBV2	94110	135912	1.61%	0.177%
60	19.704	2819	2825	2834	rBV	6489070	8378434	99.16%	10.929%
61	21.133	3065	3068	3079	rVB2	270101	500623	5.92%	0.653%
62	21.463	3119	3124	3130	rBV	2504951	3115851	36.88%	4.064%
63	23.110	3400	3404	3413	rVB	423061	699761	8.28%	0.913%
64	23.816	3517	3524	3533	rVB2	4092141	8449349	100.00%	11.022%
65	23.980	3545	3552	3564	rVB	1654387	3365501	39.83%	4.390%
66	24.527	3639	3645	3653	rVB	450666	988304	11.70%	1.289%

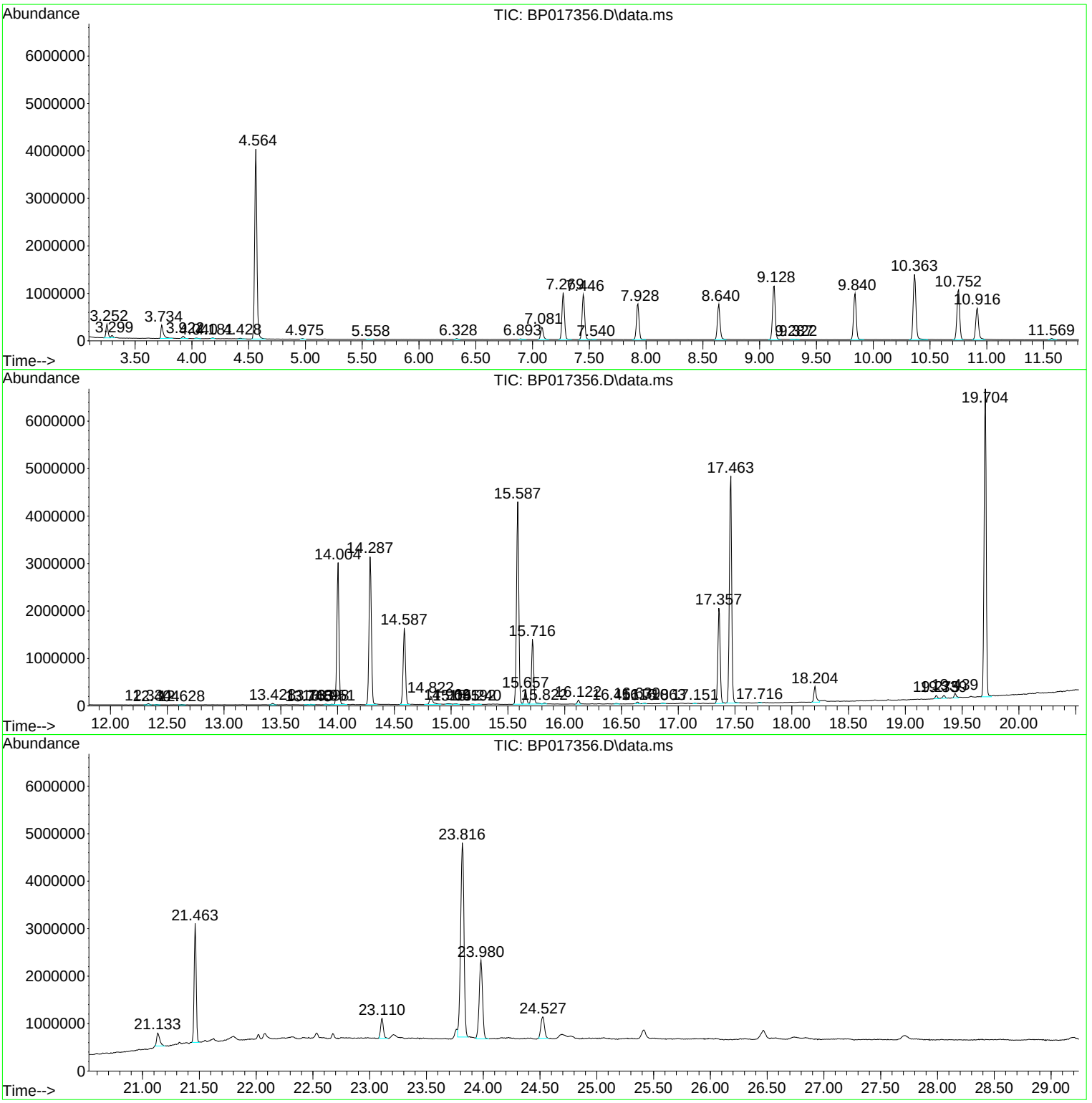
Sum of corrected areas: 76662003

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.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\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

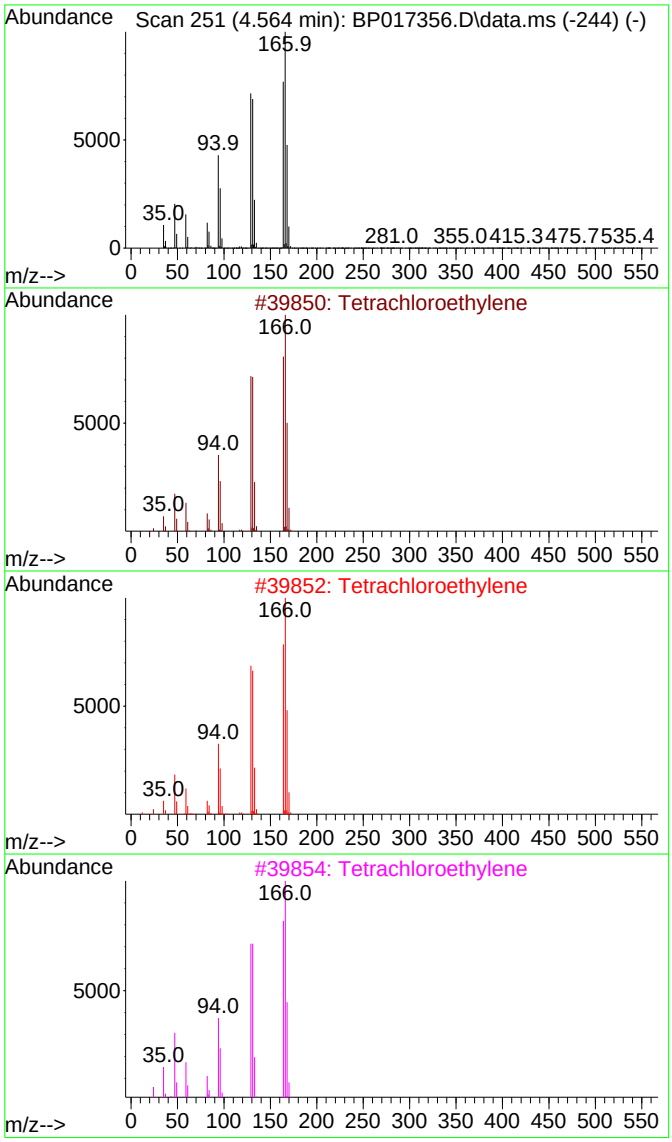
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

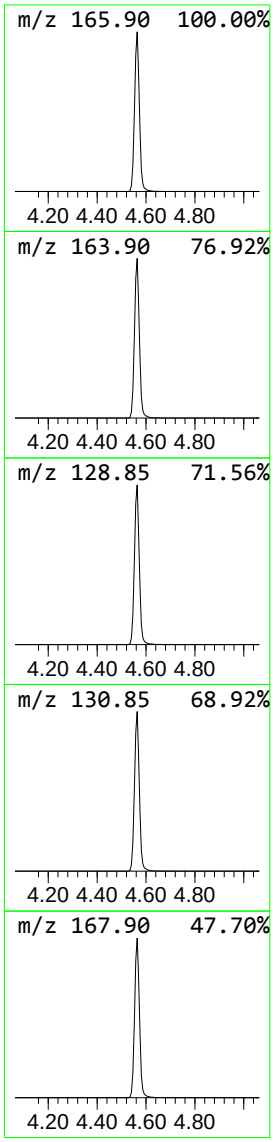
****

Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.564	93.57 ng/ul	5569020	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

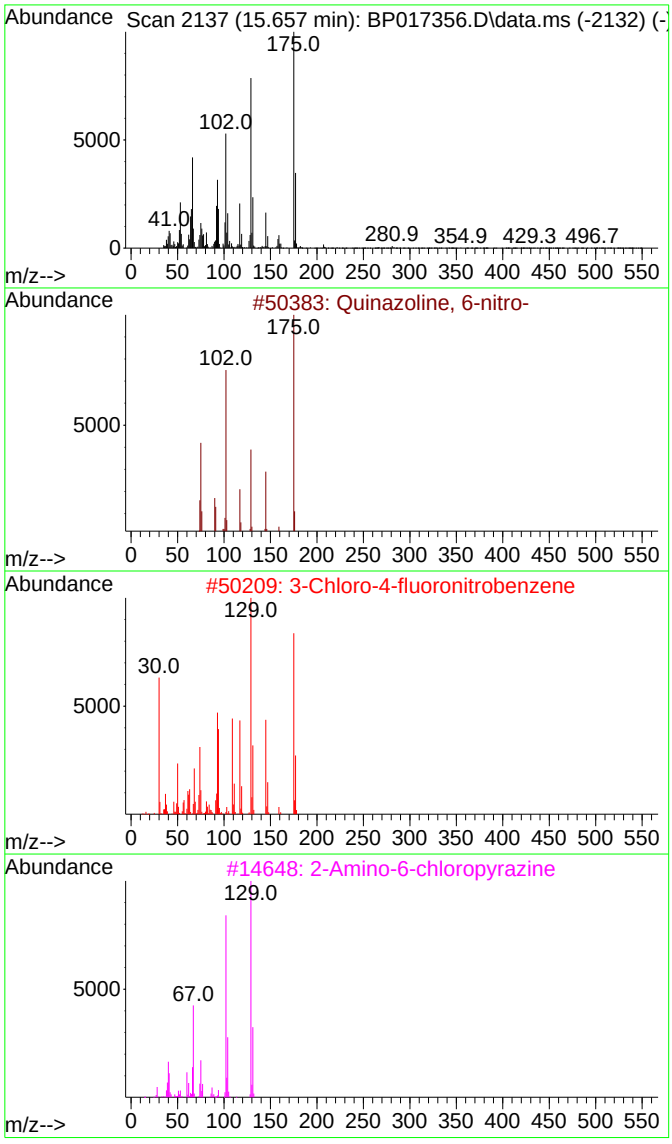
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

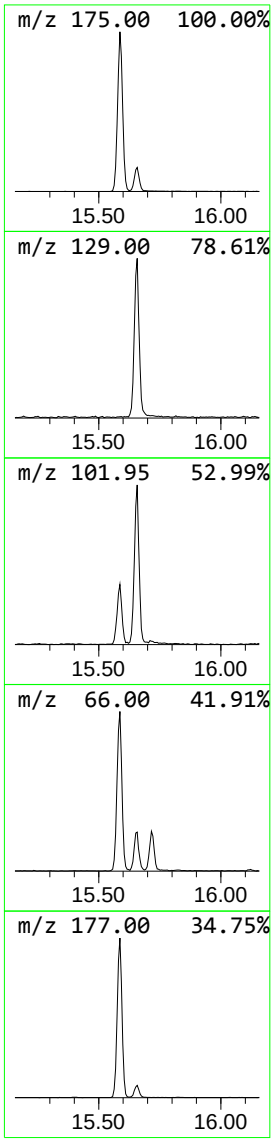
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	3.49 ng/ul	401549	Acenaphthene-d10	14.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinazoline, 6-nitro-	175	C8H5N3O2	007556-95-8	38
2	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	38
3	2-Amino-6-chloropyrazine	129	C4H4ClN3	033332-28-4	35
4	6-nitroquinoxaline	175	C8H5N3O2	1000468-31-8	35
5	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

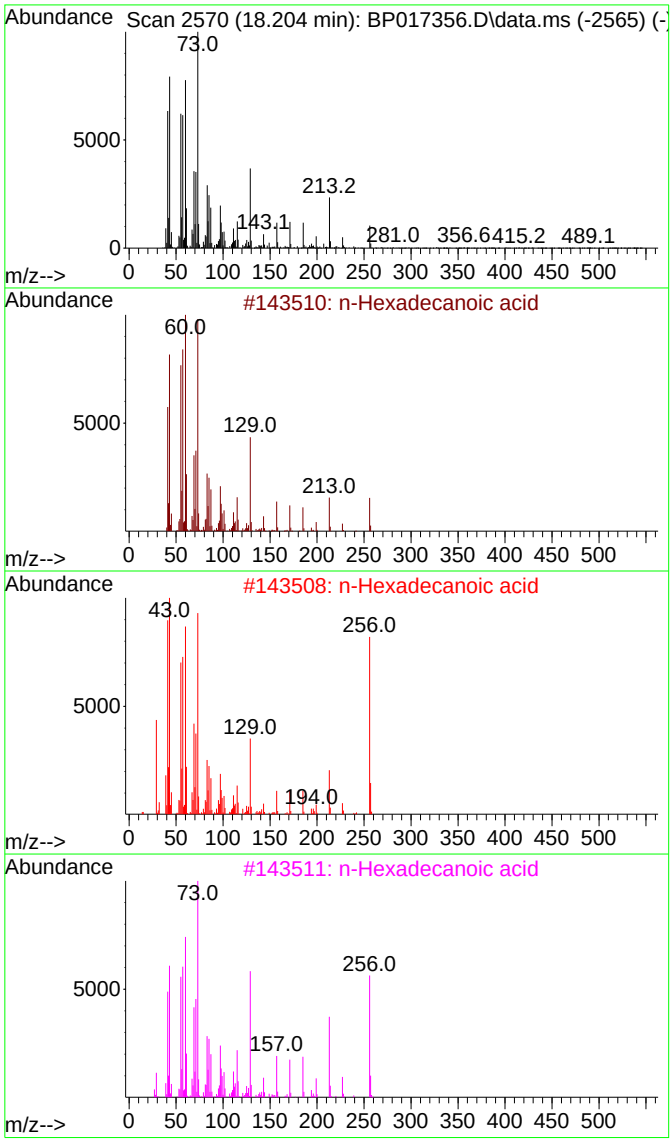
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

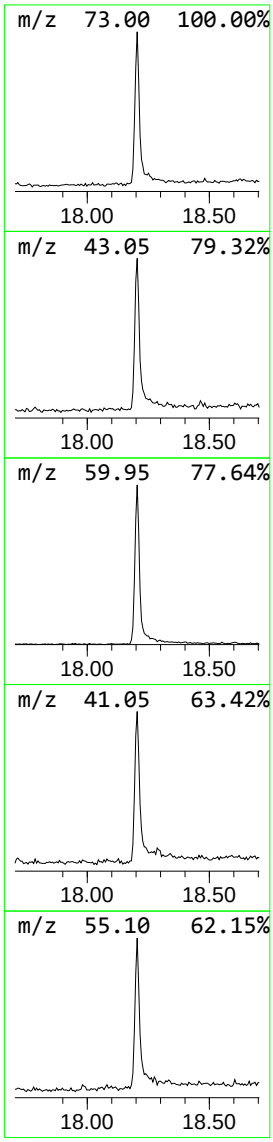
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.38 ng/ul	481337	Phenanthrene-d10	17.357

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

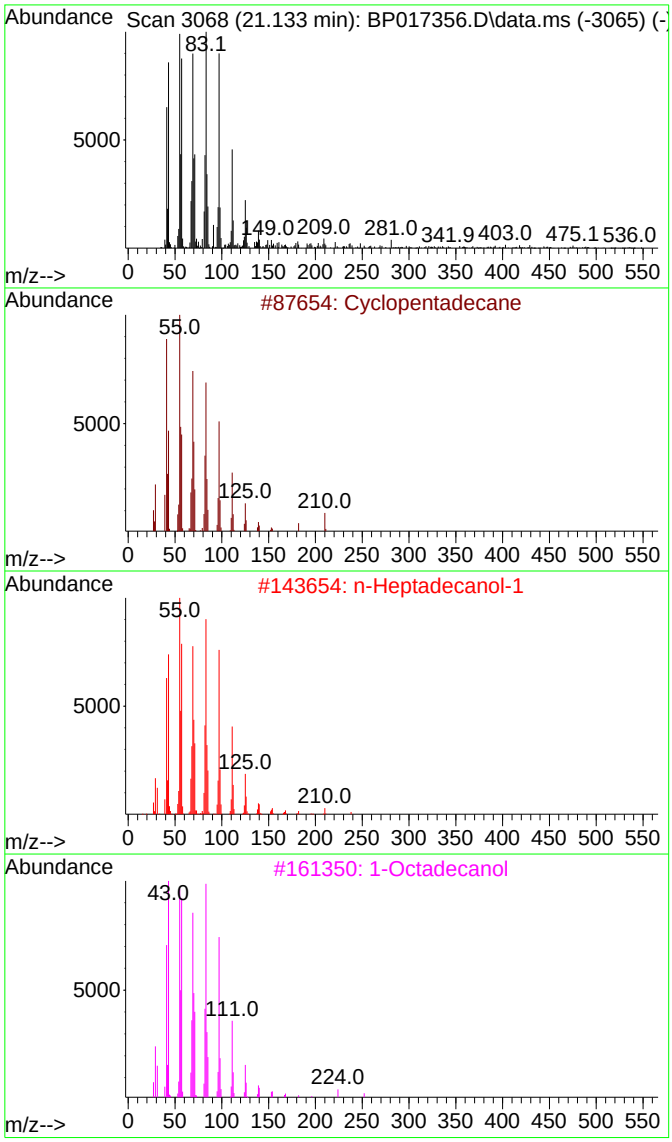
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

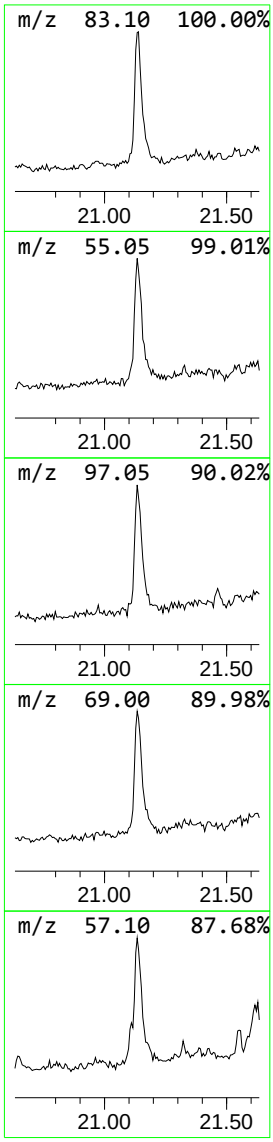
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.133 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	3.21 ng/ul	500623	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

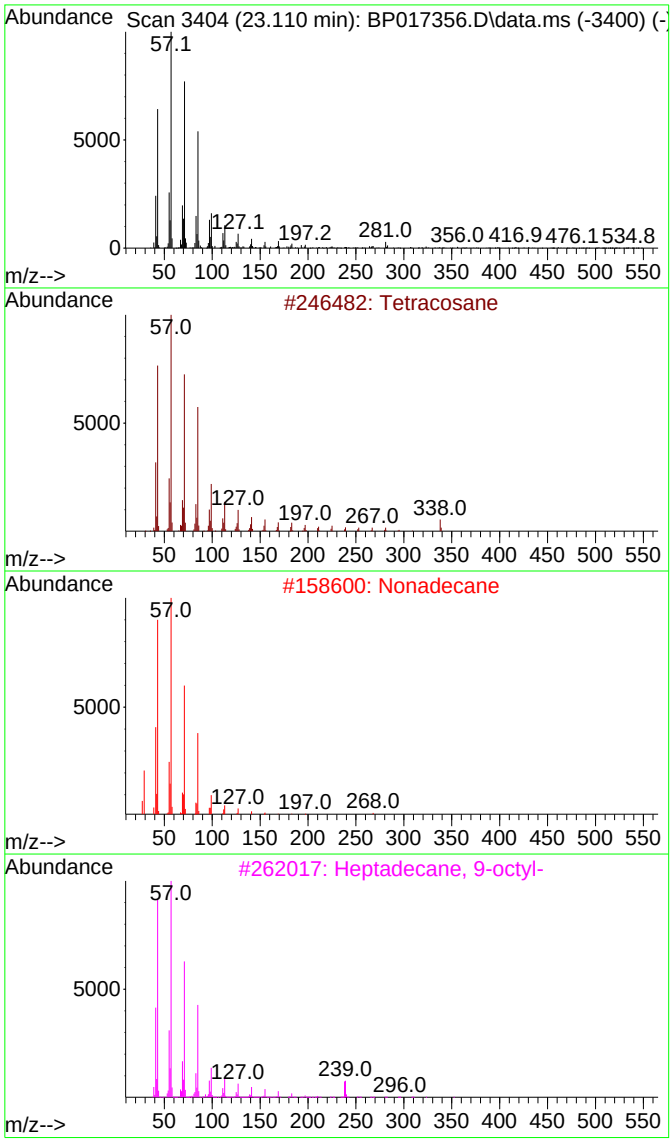
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

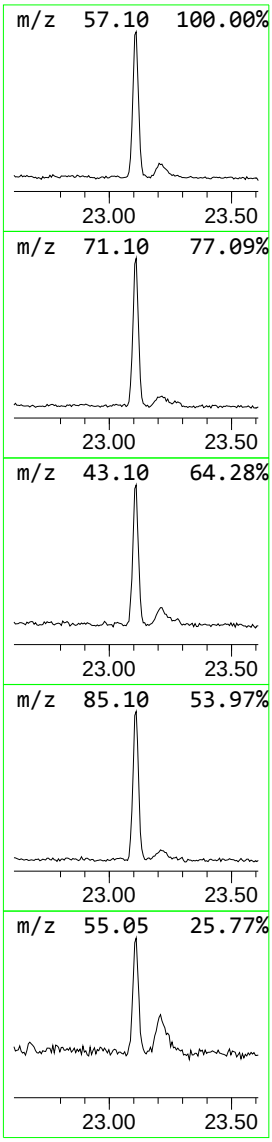
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.110	4.16 ng/ul	699761	Perylene-d12	23.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Nonadecane	268	C19H40	000629-92-5	94
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

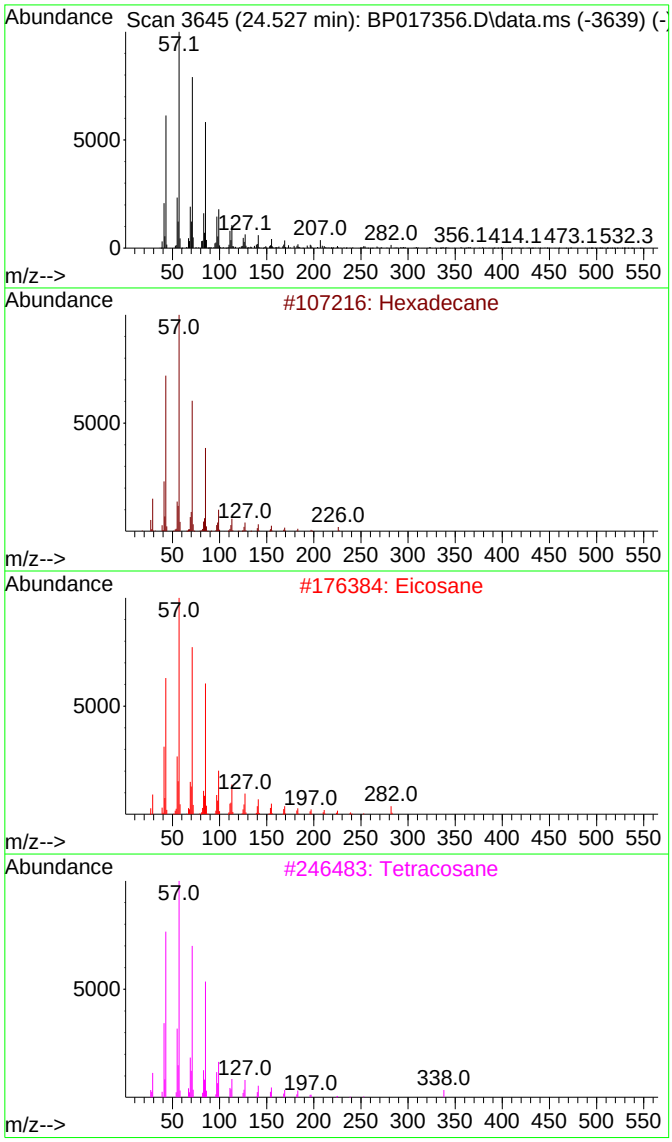
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

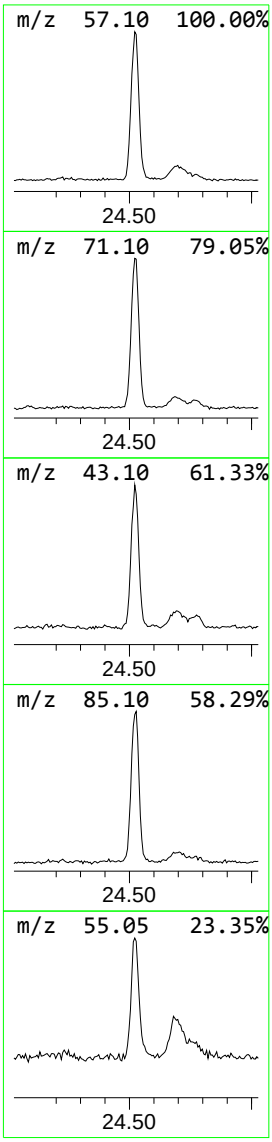
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.527	5.87 ng/ul	988304	Perylene-d12	23.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017356.D
Acq On : 26 Sep 2023 11:42
Operator : MA/JU
Sample : 04450-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.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
Tetrachloroethy...	4.564	93.6	ng/ul	5569020	1	7.928	1190370	20.0
unknown-01	15.657	3.5	ng/ul	401549	3	14.587	2297910	20.0
n-Hexadecanoic ...	18.204	3.4	ng/ul	481337	4	17.357	2849930	20.0
(DEL) Alkane: C...	21.133	3.2	ng/ul	500623	5	21.463	3115850	20.0
(DEL) Alkane: S...	23.110	4.2	ng/ul	699761	6	23.980	3365500	20.0
(DEL) Alkane: S...	24.527	5.9	ng/ul	988304	6	23.980	3365500	20.0