LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREA4

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-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015176.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.428	38	41	50	rVB	27886	42411	0.19%	0.053%
2	3.899	119	121	131	rVB	30031	52792	0.24%	0.065%
3	3.981	131	135	141	rVB	66408	88330	0.39%	0.109%
4	4.111	153	157	164	rVB	35883	55898	0.25%	0.069%
5	4.599	236	240	245	rVB4	13831	22848	0.10%	0.028%
6	4.669	247	252	261	rVB	44340	69721	0.31%	0.086%
7	5.164	330	336	343	rBV2	20304	31835	0.14%	0.039%
8	5.787	436	442	447	rBV	22858	33700	0.15%	0.042%
9	7.228	681	687	689	rBV	36981	52634	0.23%	0.065%
10	7.275	689	695	708	rVB	622010	1089016	4.86%	1.349%
11	7.446	716	724	735	rVB	533171	833920	3.72%	1.033%
12	7.652	751	759	768	rBV	650768	1060730	4.73%	1.314%
13	8.128	832	840	847	rBV	938613	1529681	6.83%	1.895%
14	8.834	953	960	975	rBV	805269	1342779	5.99%	1.663%
15	8.957	975	981	990	rVV	257710	414425	1.85%	0.513%
16	9.299	1032	1039	1051	rBV	653163	1075956	4.80%	1.333%
17	9.699	1100	1107	1116	rVB	118040	184899	0.83%	0.229%
18	10.028	1154	1163	1172	rBV	527642	890880	3.98%	1.103%
19	10.169	1181	1187	1197	rBV	31942	68971	0.31%	0.085%
20	10.387	1218	1224	1230	rBV	23921	40924	0.18%	0.051%
21	10.569	1247	1255	1272	rBV	880857	1514498	6.76%	1.876%
22	10.957	1310	1321	1328	rBV	1352899	2331084	10.40%	2.887%
23	11.093	1337	1344	1364	rBV	497588	962435	4.30%	1.192%
24	11.487	1406	1411	1422	rBV	11423	29560	0.13%	0.037%
25	11.746	1448	1455	1461	rBV4	11773	33516	0.15%	0.042%
26	12.193	1525	1531	1537	rBV	77454	111325	0.50%	0.138%
27	12.445	1567	1574	1578	rBV5	21410	48548	0.22%	0.060%
28	13.287	1713	1717	1724	rVB2	27118	40993	0.18%	0.051%
29	13.575	1758	1766	1770	rBV2	50428	88653	0.40%	0.110%
30	13.651	1775	1779	1783	rVV3	23626	37697	0.17%	0.047%
31	14.169	1860	1867	1872	rBV	1618052	2346617	10.47%	2.906%
32	14.228	1874	1877	1882	rVB	58554	76160	0.34%	0.094%
33	14.287	1882	1887	1892	rBV9	16772	36276	0.16%	0.045%
34	14.457	1910	1916	1929	rVV2	1934116	2996104	13.37%	3.711%
35	14.639	1943	1947	1955	rBV	92235	135855	0.61%	0.168%
36	14.763	1962	1968	1975	rVB	2153817	3172820	14.16%	3.930%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREA4

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-BP051123.MA.M
Title : SVOA CALIBRATION

37	14.951	1995	2000	2011	rBV	571916	971123	4.33%	1.203%
38	15.257	2049	2052	2055	rBV5	35955	44055	0.20%	0.055%
39	15.304	2056	2060	2066	rVB3	63629	91723	0.41%	0.114%
40	15.387	2070	2074	2078	rBV4	54972	71350	0.32%	0.088%
41	15.592	2105	2109	2112	rBV	158268	181960	0.81%	0.225%
42	15.710	2127	2129	2131	rBV	41067	42640	0.19%	0.053%
43	15.757	2131	2137	2142	rVB	2540287	3582402	15.99%	4.437%
44	15.869	2151	2156	2165	rBV	612977	848054	3.79%	1.050%
45	15.998	2174	2178	2187	rVB	162432	254845	1.14%	0.316%
46	16.116	2194	2198	2202	rVB	220093	289765	1.29%	0.359%
47	16.457	2252	2256	2257	rBV	286960	332543	1.48%	0.412%
48	16.481	2257	2260	2265	rVB	376542	522431	2.33%	0.647%
49	16.875	2324	2327	2331	rVB	189108	224972	1.00%	0.279%
50	16.963	2340	2342	2346	rVB2	106352	108179	0.48%	0.134%
51	17.163	2371	2376	2383	rBV	1137232	1626821	7.26%	2.015%
52	17.251	2387	2391	2394	rBV	329496	392899	1.75%	0.487%
53	17.304	2396	2400	2404	rVV	369517	534493	2.39%	0.662%
54	17.516	2431	2436	2441	rBV	2768783	3966116	17.70%	4.912%
55	17.557	2441	2443	2448	rVB	221910	269175	1.20%	0.333%
56	17.616	2448	2453	2457	rBV	2734364	3896424	17.39%	4.826%
57	17.916	2501	2504	2509	rVV3	227551	272084	1.21%	0.337%
58	17.986	2513	2516	2521	rVB	455822	538532	2.40%	0.667%
59	18.116	2534	2538	2542	rVB2	372022	504871	2.25%	0.625%
60	18.375	2578	2582	2587	rBV2	647376	973467	4.34%	1.206%
61	18.651	2626	2629	2635	rBV	413169	512751	2.29%	0.635%
62	19.257	2729	2732	2735	rBV2	516811	604683	2.70%	0.749%
63	19.510	2771	2775	2780	rBV	1351795	1589005	7.09%	1.968%
64	19.833	2825	2830	2833	rBV	3584943	5035279	22.47%	6.237%
65	21.480	3105	3110	3118	rVB	16255891	22405107	100.00%	27.751%
66	21.592	3126	3129	3134	rVB	2203925	3095605	13.82%	3.834%
67	22.127	3217	3220	3224	rBV	893690	1137717	5.08%	1.409%
68	23.992	3532	3537	3542	rBV2	1468577	2872051	12.82%	3.557%

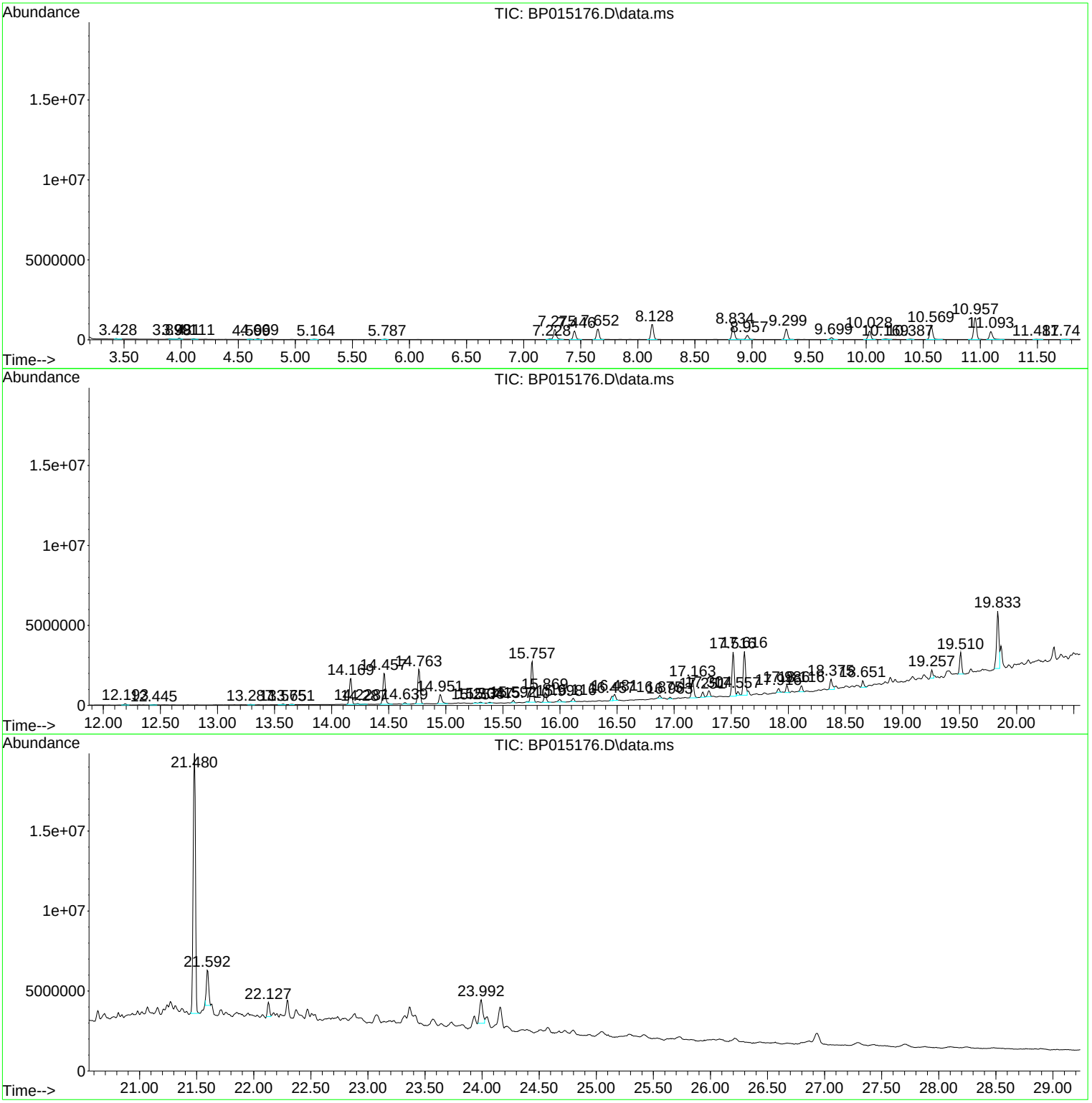
Sum of corrected areas: 80737613

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

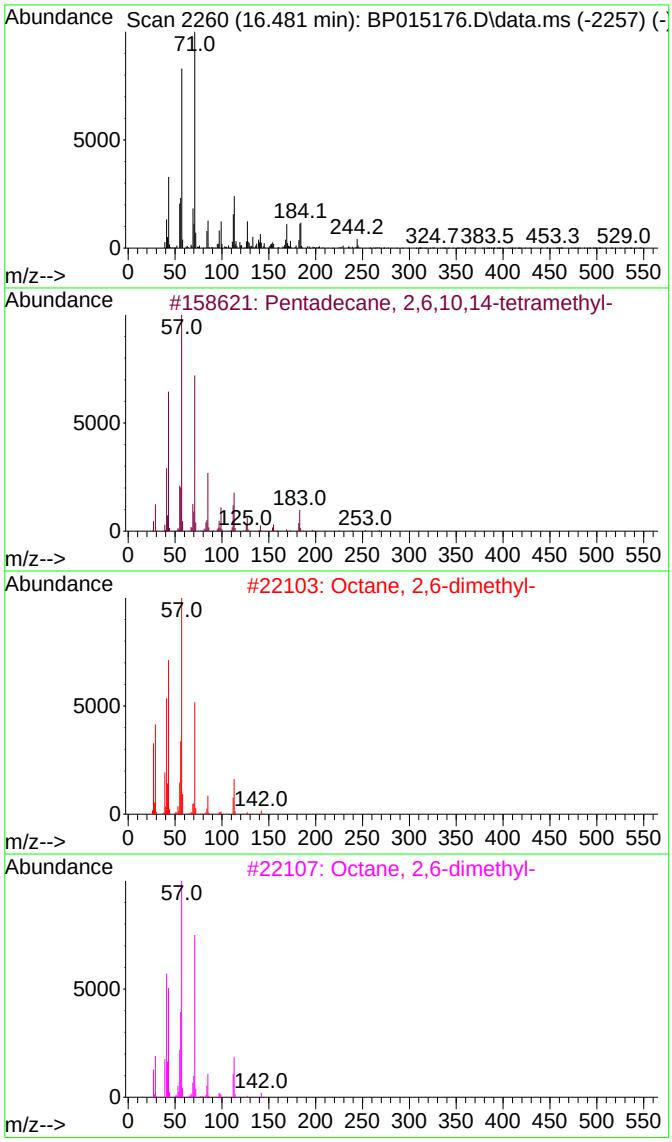
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

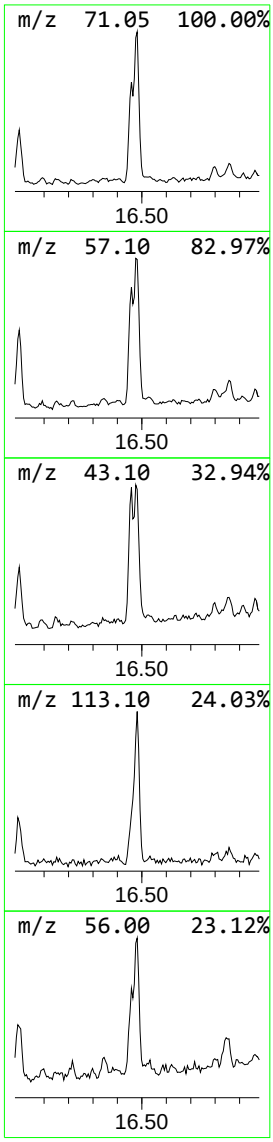
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.481	2.63 ng/ul	522431	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

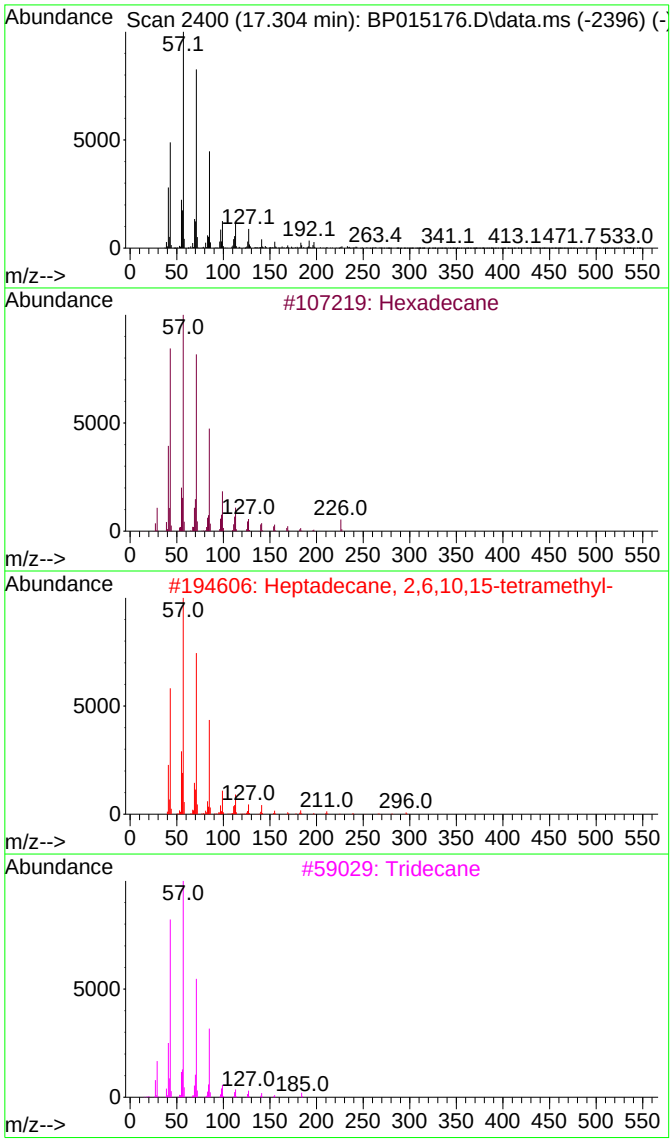
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

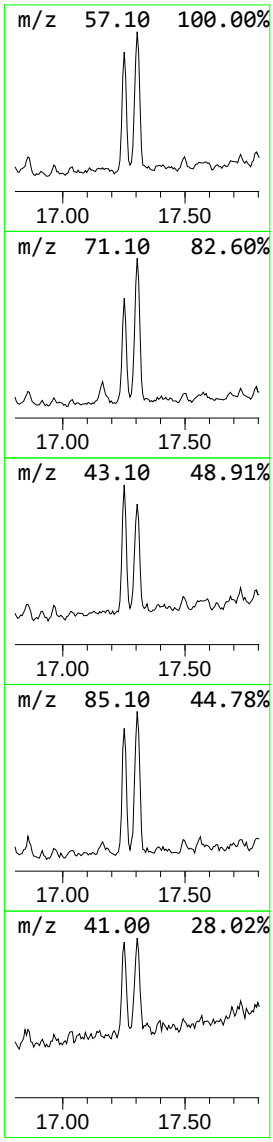
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	2.70 ng/ul	534493	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Tridecane	184	C13H28	000629-50-5	91
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

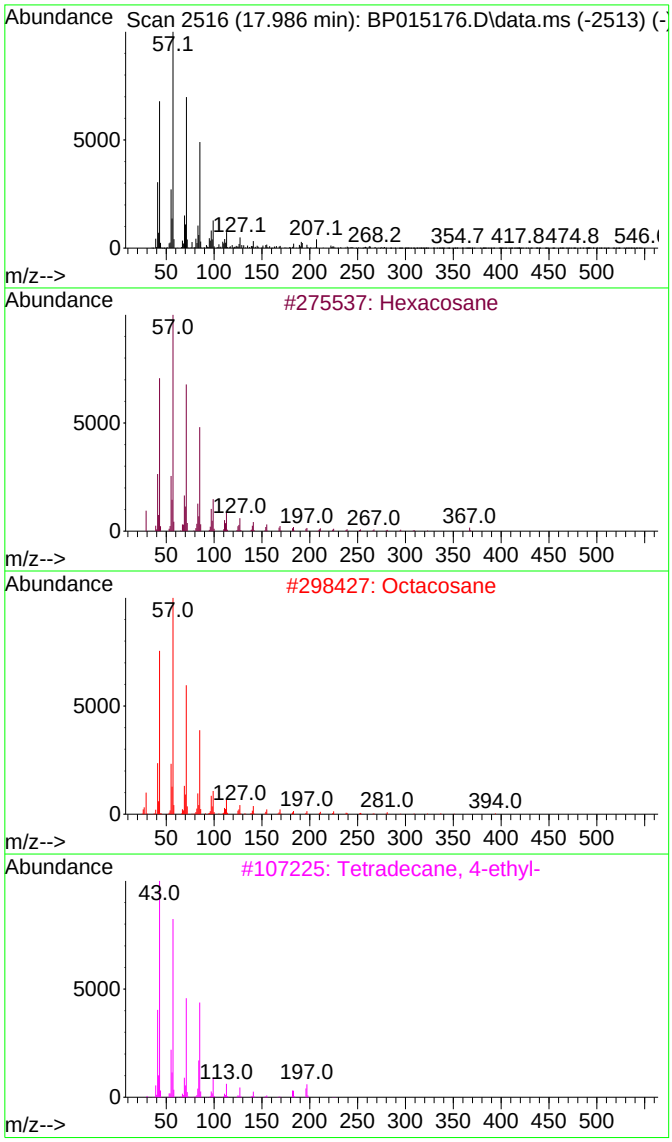
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

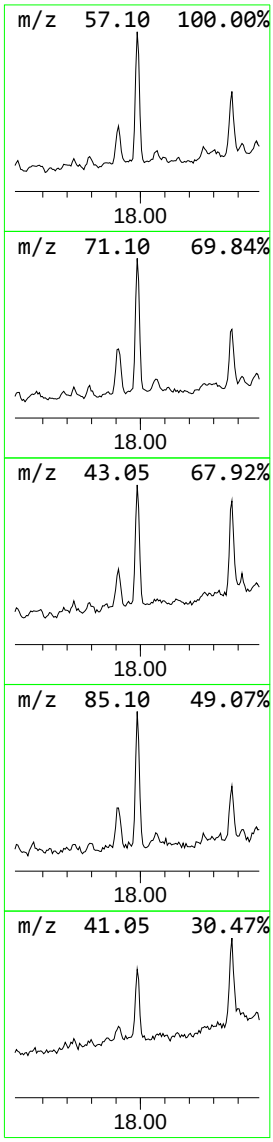
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	2.72 ng/ul	538532	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

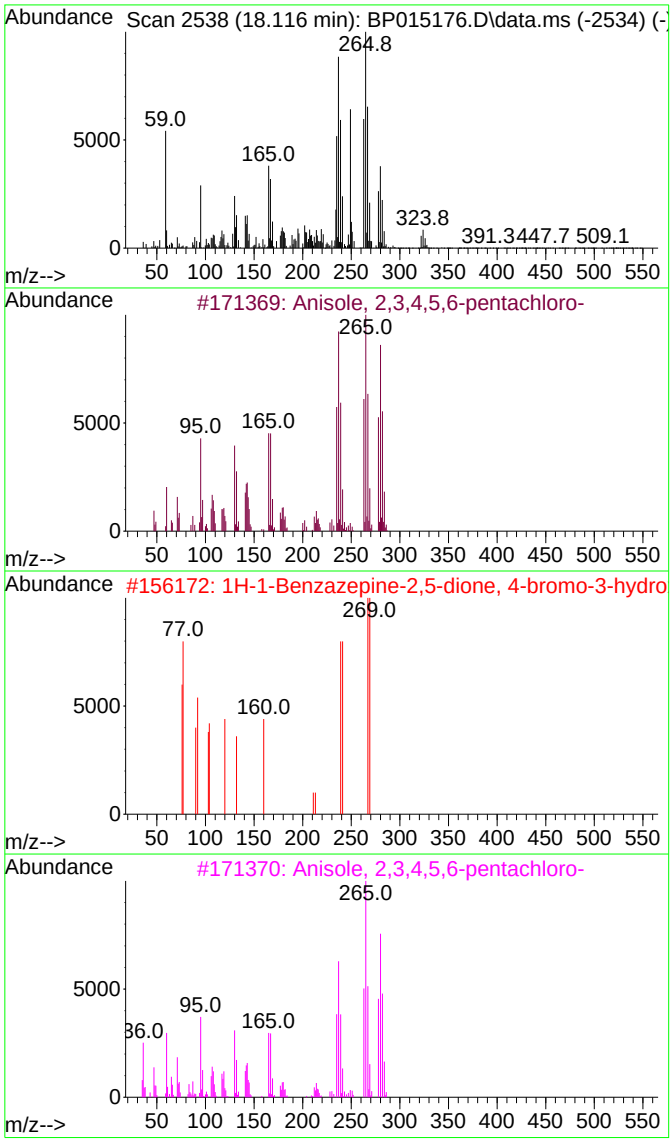
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

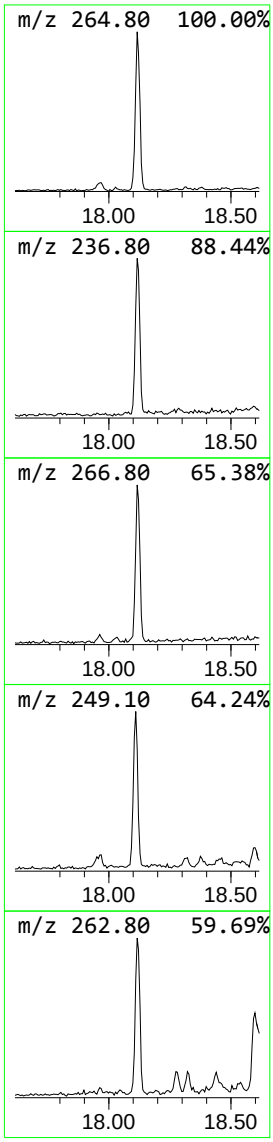
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	2.55 ng/ul	504871	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	86
2	1H-1-Benzazepine-2,5-dione, 4-br...	267	C10H6BrNO3	052280-66-7	56
3	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	50
4	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	30
5	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

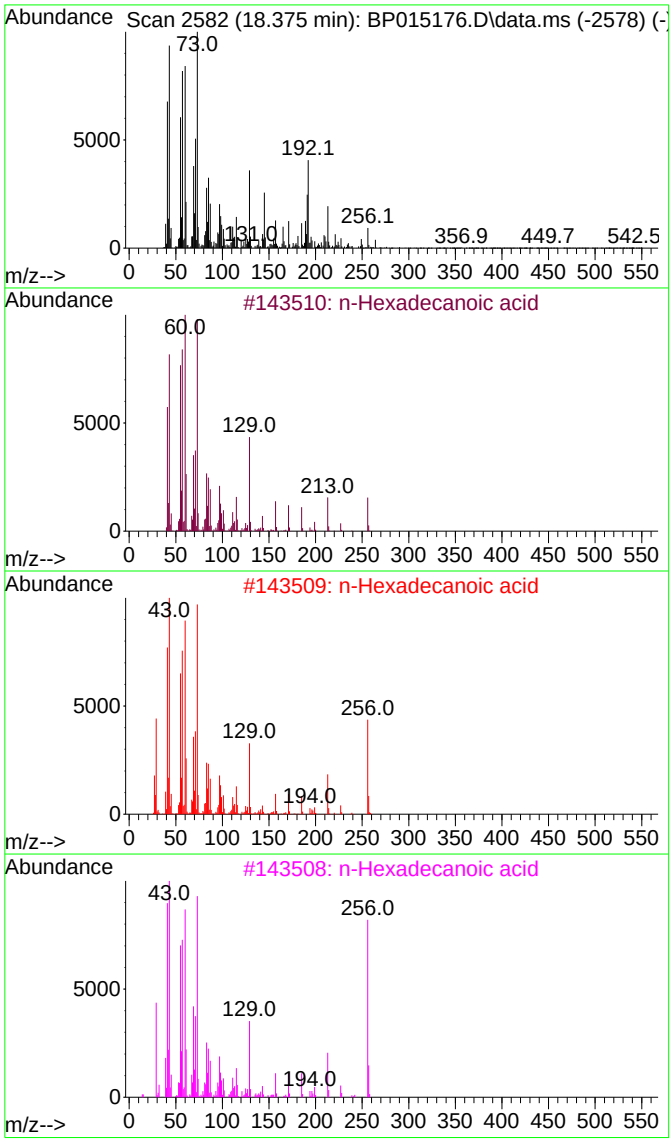
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

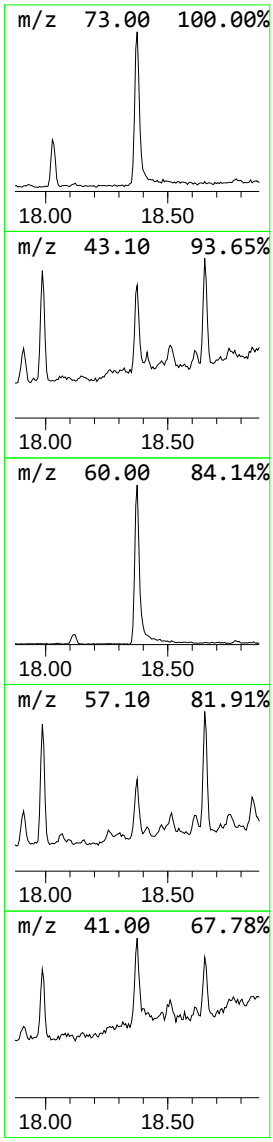
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	4.91 ng/ul	973467	Phenanthrene-d10	17.516

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

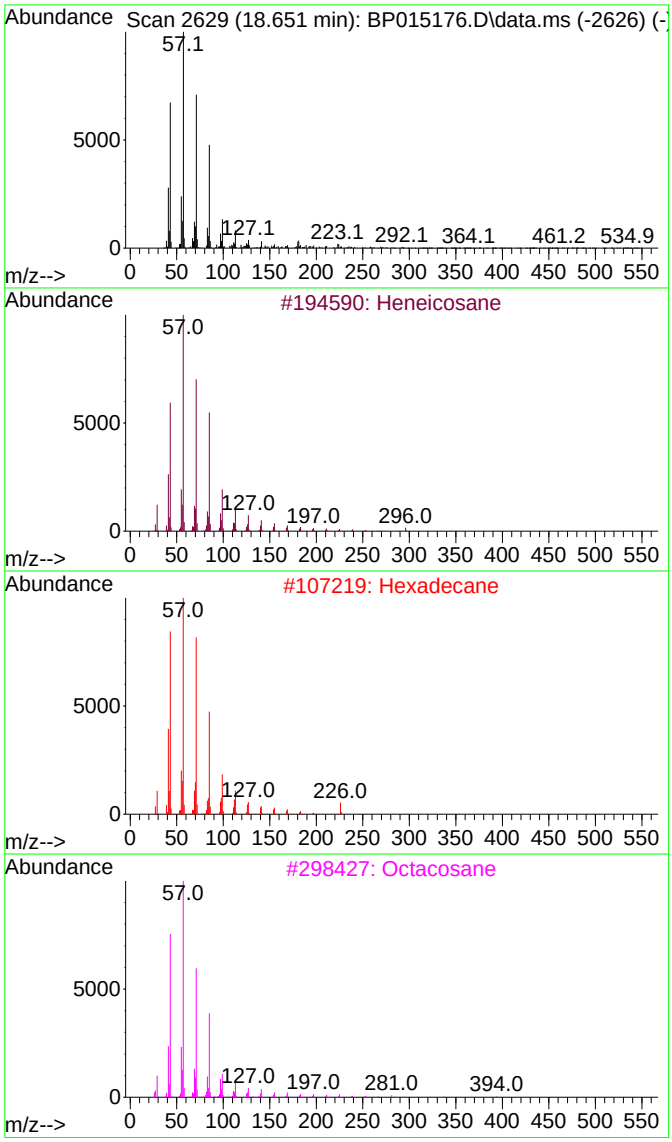
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

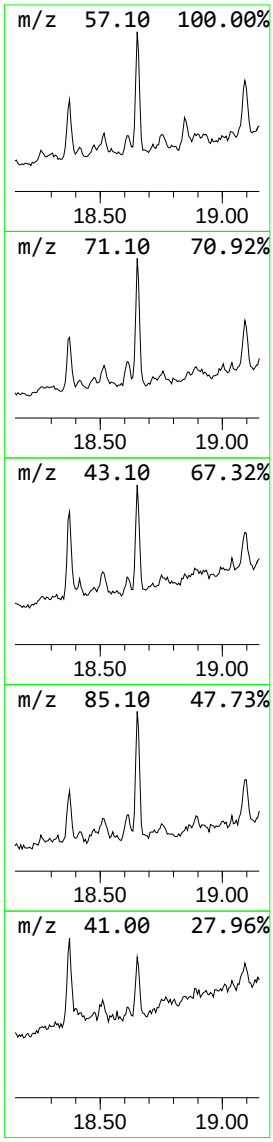
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	2.59 ng/ul	512751	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

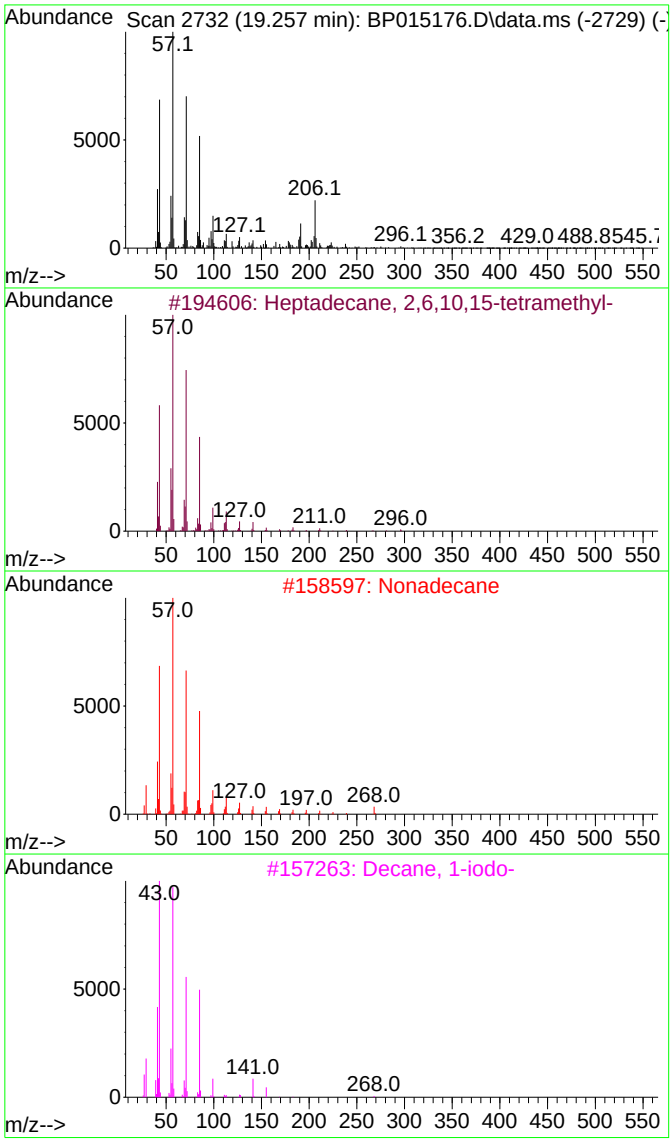
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

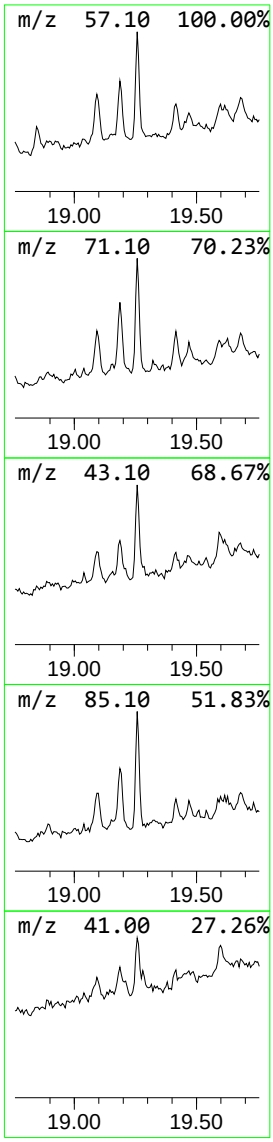
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	3.05 ng/ul	604683	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2	Nonadecane	268	C19H40	000629-92-5	70
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	70
4	Tetracosane	338	C24H50	000646-31-1	70
5	Heneicosane	296	C21H44	000629-94-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

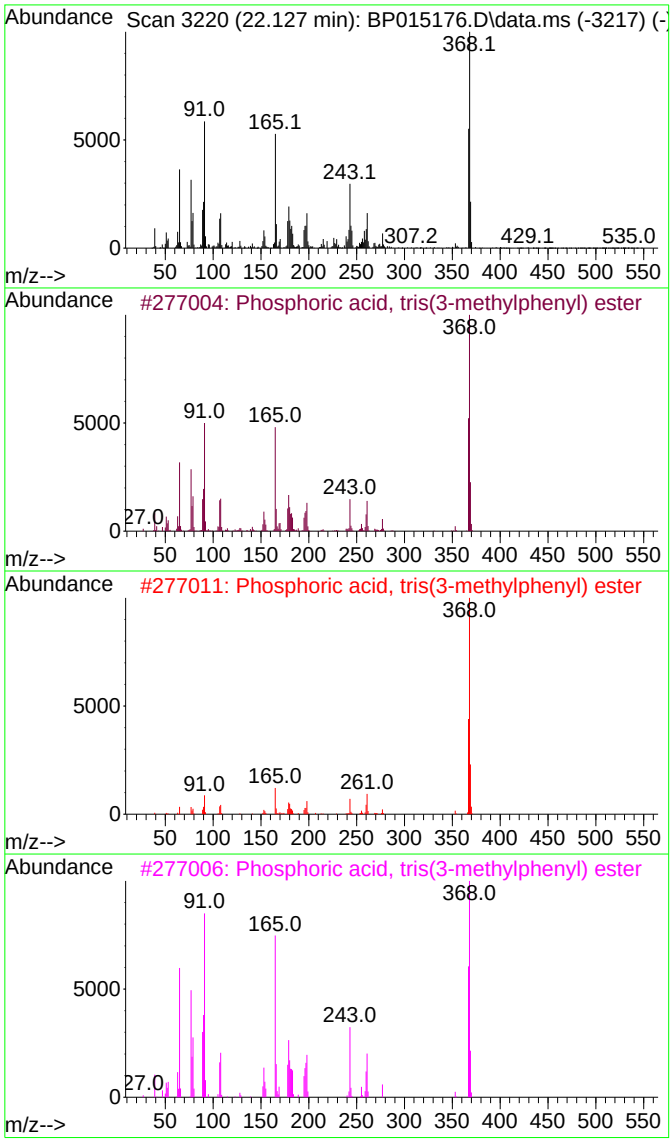
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

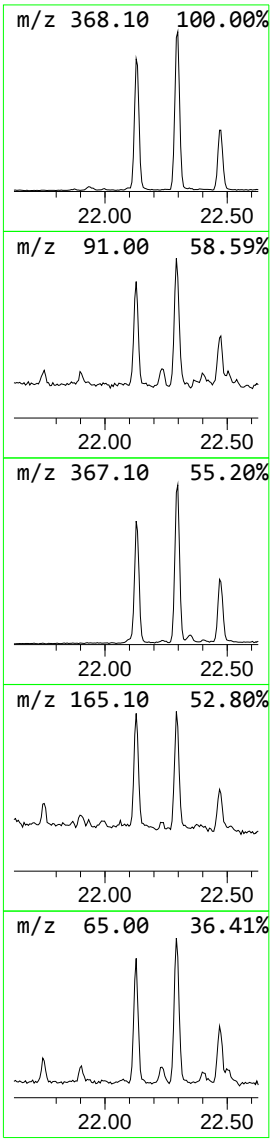
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phosphoric acid, tris(3-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.127	7.35 ng/ul	1137720	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	93
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015176.D
Acq On : 19 May 2023 17:02
Operator : CG/JU
Sample : 02664-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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
(DEL) Alkane: S...	16.481	2.6	ng/ul	522431	4	17.516	3966120	20.0
(DEL) Alkane: S...	17.304	2.7	ng/ul	534493	4	17.516	3966120	20.0
(DEL) Alkane: S...	17.986	2.7	ng/ul	538532	4	17.516	3966120	20.0
Anisole, 2,3,4,...	18.116	2.5	ng/ul	504871	4	17.516	3966120	20.0
n-Hexadecanoic ...	18.375	4.9	ng/ul	973467	4	17.516	3966120	20.0
(DEL) Alkane: S...	18.651	2.6	ng/ul	512751	4	17.516	3966120	20.0
(DEL) Alkane: S...	19.257	3.0	ng/ul	604683	4	17.516	3966120	20.0
Phosphoric acid...	22.127	7.3	ng/ul	1137720	5	21.592	3095610	20.0