LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

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: BP015178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	39	42	49	rVB	27514	40388	0.27%	0.036%
2	3.905	121	122	132	rBV	12771	27220	0.18%	0.024%
3	3.987	132	136	142	rVB	44667	60952	0.41%	0.054%
4	4.111	152	157	165	rVB	35768	65212	0.44%	0.057%
5	4.605	236	241	247	rVB2	15935	26849	0.18%	0.024%
6	4.675	247	253	259	rBV	58250	87027	0.58%	0.077%
7	5.169	330	337	344	rBV3	28119	62089	0.42%	0.055%
8	5.663	416	421	427	rBV	15051	23708	0.16%	0.021%
9	5.787	436	442	448	rVB	27582	41450	0.28%	0.037%
10	6.081	486	492	499	rBV3	16674	33679	0.23%	0.030%
11	7.099	657	665	670	rBV6	16120	33254	0.22%	0.029%
12	7.234	683	688	689	rBV	50660	66021	0.44%	0.058%
13	7.275	689	695	711	rVB	729808	1382061	9.27%	1.217%
14	7.446	718	724	737	rBV	610373	1002278	6.72%	0.883%
15	7.652	746	759	766	rBV	767490	1242824	8.33%	1.095%
16	7.734	768	773	776	rVV3	16377	24880	0.17%	0.022%
17	7.769	776	779	787	rVB5	20308	43009	0.29%	0.038%
18	7.852	787	793	802	rVB8	13126	34278	0.23%	0.030%
19	7.940	802	808	816	rVB2	16177	32773	0.22%	0.029%
20	8.128	829	840	847	rVV	901275	1464685	9.82%	1.290%
21	8.675	926	933	945	rBV5	42231	103302	0.69%	0.091%
22	8.840	954	961	969	rBV	859650	1469502	9.85%	1.294%
23	8.957	975	981	988	rVV	439170	724849	4.86%	0.638%
24	9.234	1021	1028	1033	rVB8	15588	32120	0.22%	0.028%
25	9.304	1033	1040	1046	rBV	783859	1324510	8.88%	1.166%
26	9.404	1053	1057	1062	rVB4	21895	32738	0.22%	0.029%
27	9.699	1101	1107	1113	rVV	160526	253068	1.70%	0.223%
28	9.763	1115	1118	1124	rVB3	21558	30979	0.21%	0.027%
29	10.028	1152	1163	1174	rBV	679469	1171026	7.85%	1.031%
30	10.116	1174	1178	1182	rVV7	12184	22603	0.15%	0.020%
31	10.193	1183	1191	1197	rVV	115590	222626	1.49%	0.196%
32	10.251	1197	1201	1206	rVB4	16169	25109	0.17%	0.022%
33	10.387	1214	1224	1231	rBV	81959	177752	1.19%	0.157%
34	10.569	1248	1255	1264	rBV	1019552	1758818	11.80%	1.549%
35	10.957	1314	1321	1326	rVV	1371351	2318689	15.55%	2.042%
36	11.004	1326	1329	1337	rVB	217305	350080	2.35%	0.308%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREL0

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	11.093	1337	1344	1361	rBV	361165	733394	4.92%	0.646%
38	11.428	1396	1401	1405	rVB3	17147	28589	0.19%	0.025%
39	11.493	1407	1412	1415	rBV7	27421	53613	0.36%	0.047%
40	11.740	1447	1454	1460	rBV2	46763	97857	0.66%	0.086%
41	11.804	1461	1465	1470	rVV2	19324	32813	0.22%	0.029%
42	11.863	1470	1475	1483	rVB	51636	87013	0.58%	0.077%
43	11.957	1487	1491	1494	rBV5	15012	23103	0.15%	0.020%
44	12.193	1523	1531	1536	rBV	108014	168151	1.13%	0.148%
45	12.304	1547	1550	1554	rBV2	22362	31610	0.21%	0.028%
46	12.345	1554	1557	1564	rVB	28729	44346	0.30%	0.039%
47	12.440	1567	1573	1582	rBV	87231	190957	1.28%	0.168%
48	12.534	1585	1589	1594	rVV4	24550	39106	0.26%	0.034%
49	12.610	1595	1602	1605	rVV2	291656	540223	3.62%	0.476%
50	12.640	1605	1607	1616	rVB	187508	234052	1.57%	0.206%
51	12.716	1616	1620	1632	rBV2	29156	80630	0.54%	0.071%
52	12.822	1632	1638	1643	rVV	74179	113512	0.76%	0.100%
53	13.034	1670	1674	1681	rVB9	15383	25138	0.17%	0.022%
54	13.575	1762	1766	1768	rVV	47302	64096	0.43%	0.056%
55	13.598	1768	1770	1775	rVV	54983	73164	0.49%	0.064%
56	13.798	1800	1804	1812	rVB2	28704	53178	0.36%	0.047%
57	13.869	1812	1816	1819	rBV4	18826	26325	0.18%	0.023%
58	14.081	1846	1852	1858	rBV2	62834	134651	0.90%	0.119%
59	14.169	1859	1867	1872	rVV	2150159	3047620	20.44%	2.684%
60	14.216	1872	1875	1881	rVB3	50496	83123	0.56%	0.073%
61	14.316	1888	1892	1896	rVB2	38183	51214	0.34%	0.045%
62	14.410	1904	1908	1910	rBV4	18216	27912	0.19%	0.025%
63	14.457	1910	1916	1928	rVV	2392925	3929093	26.35%	3.460%
64	14.551	1928	1932	1935	rBV5	15484	28344	0.19%	0.025%
65	14.639	1943	1947	1953	rBV	81338	106291	0.71%	0.094%
66	14.763	1959	1968	1975	rBV	2189980	3366815	22.58%	2.965%
67	14.828	1975	1979	1986	rVB	89741	162161	1.09%	0.143%
68	14.957	1995	2001	2010	rBV	863636	1458466	9.78%	1.284%
69	15.045	2012	2016	2019	rVV2	49550	87034	0.58%	0.077%
70	15.081	2019	2022	2024	rVV3	62767	90866	0.61%	0.080%
71	15.110	2025	2027	2031	rVV3	68079	98342	0.66%	0.087%
72	15.163	2031	2036	2042	rVV	251754	381396	2.56%	0.336%
73	15.234	2045	2048	2050	rVV	34079	40133	0.27%	0.035%
74	15.263	2050	2053	2056	rVV2	54843	73181	0.49%	0.064%
75	15.304	2056	2060	2064	rVV	197076	278090	1.86%	0.245%
76	15.351	2065	2068	2069	rVV	80169	94751	0.64%	0.083%

LSC Area Percent Report

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Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREL0

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

77	15.386	2069	2074	2078	rVV	587889	865594	5.80%	0.762%
78	15.428	2079	2081	2087	rVB3	65289	102147	0.69%	0.090%
79	15.545	2097	2101	2104	rBV	81248	107800	0.72%	0.095%
80	15.592	2105	2109	2112	rVB2	98768	128159	0.86%	0.113%
81	15.710	2126	2129	2132	rBV	83902	111667	0.75%	0.098%
82	15.757	2132	2137	2142	rVV	3027005	4300774	28.84%	3.788%
83	15.875	2152	2157	2163	rBV	794330	1085092	7.28%	0.956%
84	15.992	2174	2177	2183	rVB2	68997	93361	0.63%	0.082%
85	16.116	2193	2198	2203	rVB2	216759	305144	2.05%	0.269%
86	16.457	2252	2256	2257	rBV	162828	207790	1.39%	0.183%
87	17.169	2371	2377	2386	rBV	9827520	14911343	100.00%	13.132%
88	17.522	2432	2437	2440	rBV	2569516	3714609	24.91%	3.271%
89	17.563	2440	2444	2448	rVV	1603615	2219777	14.89%	1.955%
90	17.622	2449	2454	2457	rVV	2956287	4482313	30.06%	3.947%
91	17.651	2457	2459	2464	rVB	1439005	1702922	11.42%	1.500%
92	18.392	2579	2585	2599	rBV2	5863793	9906365	66.44%	8.724%
93	18.898	2667	2671	2675	rBV	1165459	1552524	10.41%	1.367%
94	19.516	2772	2776	2781	rVB	2565314	3630542	24.35%	3.197%
95	19.610	2788	2792	2798	rBV	3685985	4744875	31.82%	4.179%
96	19.839	2827	2831	2834	rBV	2787792	3977801	26.68%	3.503%
97	21.480	3106	3110	3118	rVB	4840421	6151239	41.25%	5.417%
98	23.380	3428	3433	3439	rBV2	1982200	4342961	29.13%	3.825%
99	23.945	3525	3529	3533	rVB	1441733	2254384	15.12%	1.985%
100	26.074	3883	3891	3903	rVB	3659586	10557740	70.80%	9.298%

Sum of corrected areas: 113549684

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
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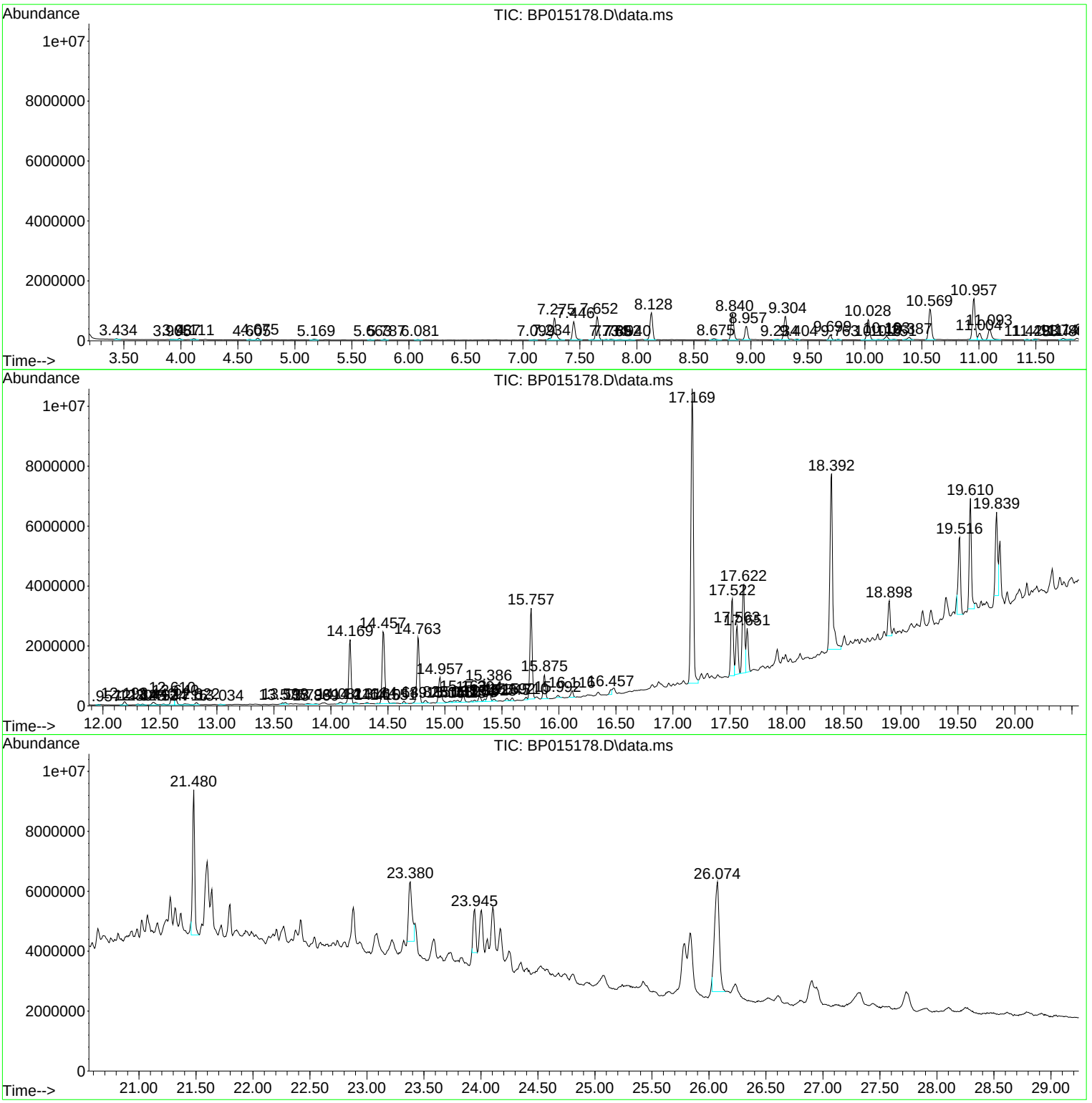
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

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 : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

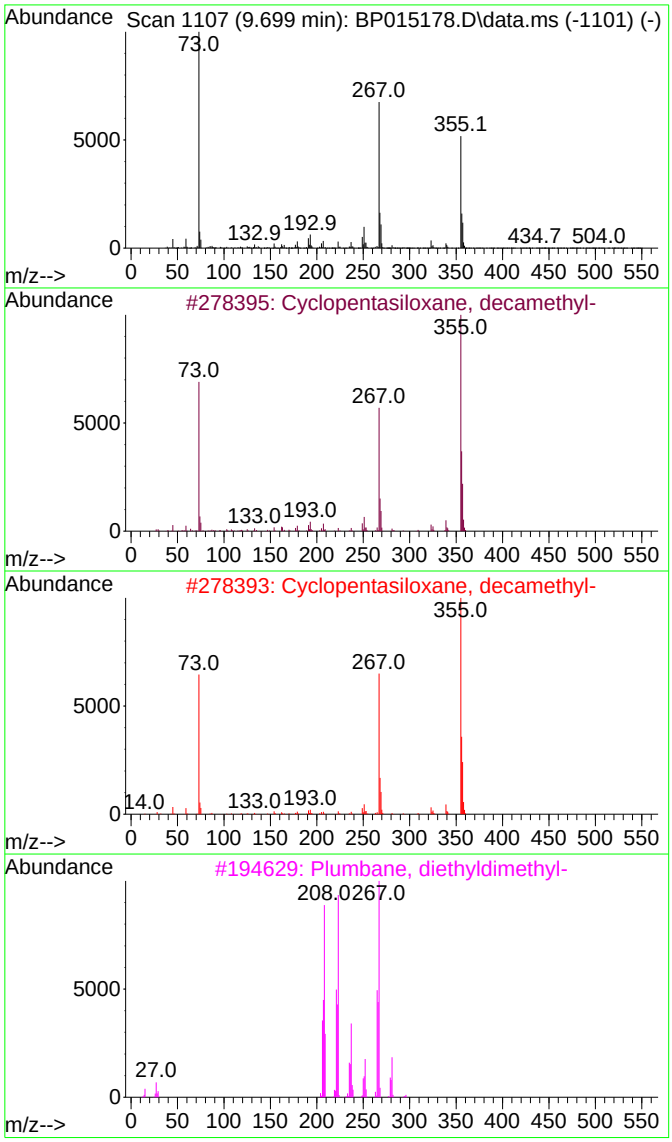
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

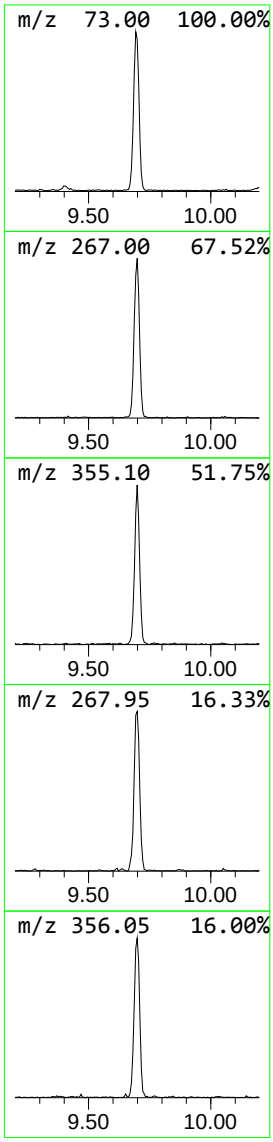
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.699	2.18 ng/ul	253068	Naphthalene-d8	10.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
3	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	78
4	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
5	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

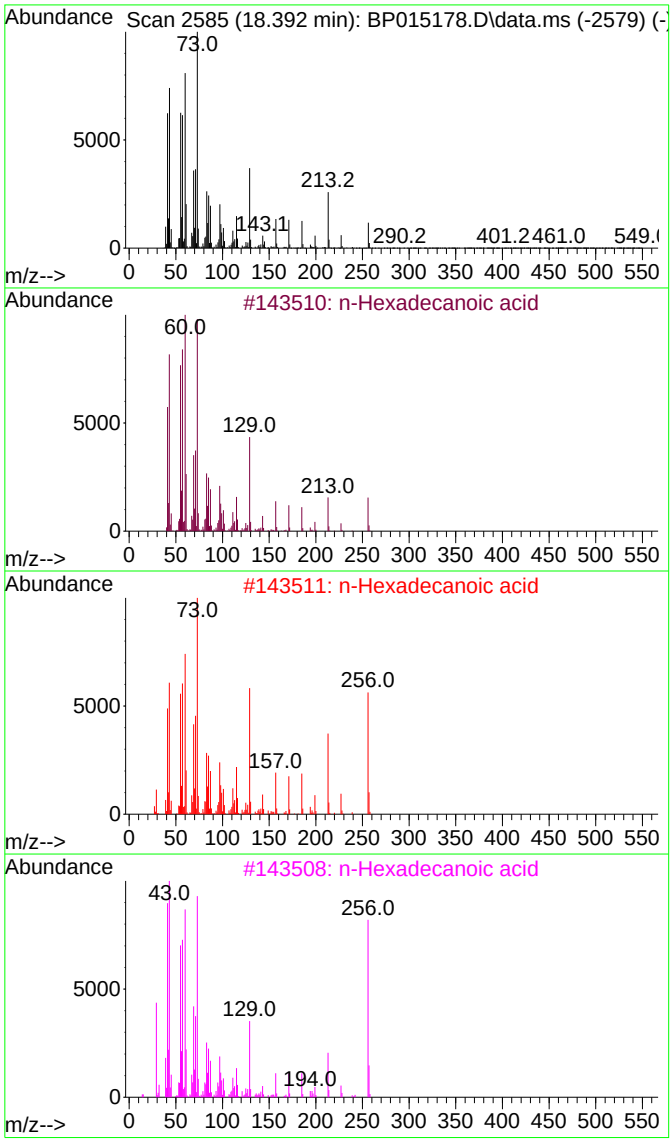
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

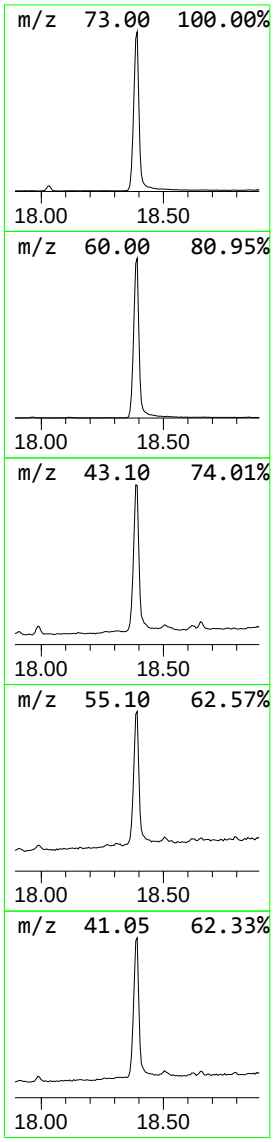
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	53.34 ng/ul	9906370	Phenanthrene-d10	17.522

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

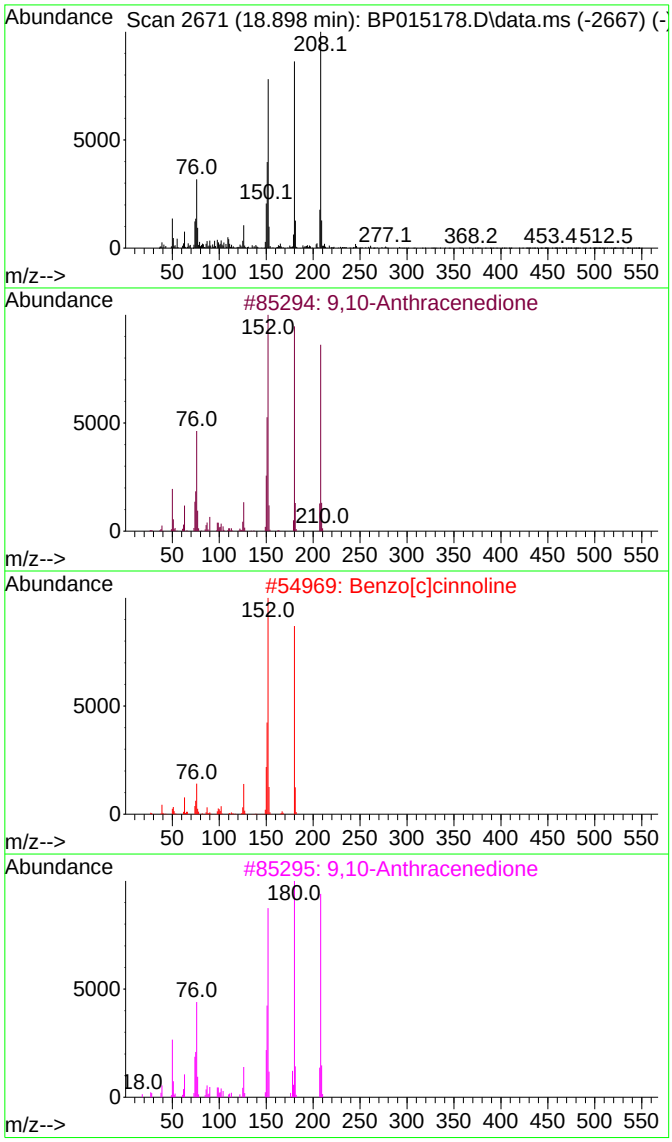
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

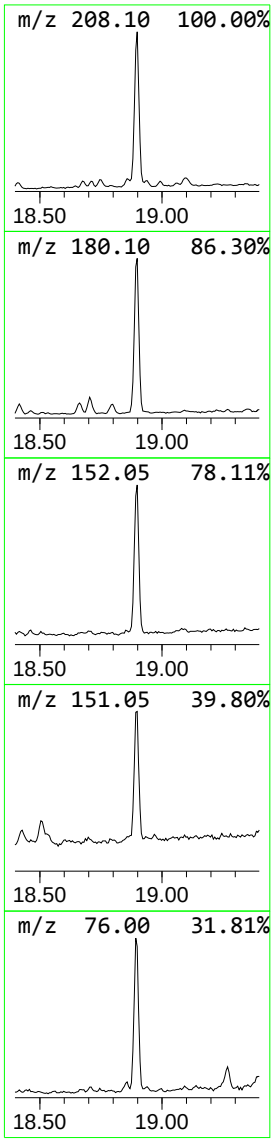
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	8.36 ng/ul	1552520	Phenanthrene-d10	17.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
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Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

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

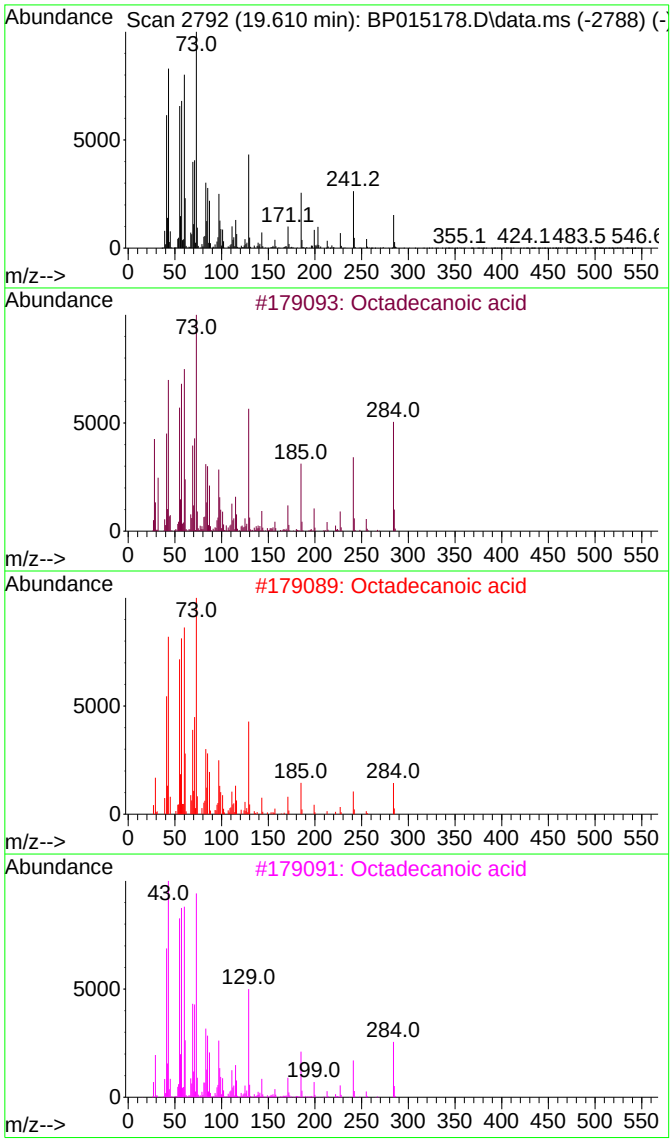
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

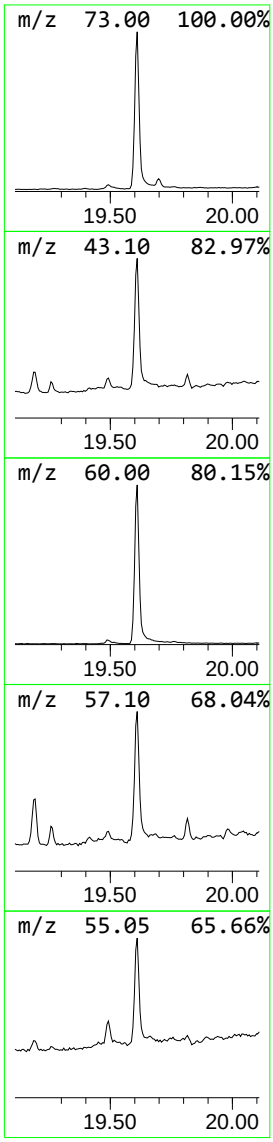
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	15.43 ng/ul	4744880	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

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

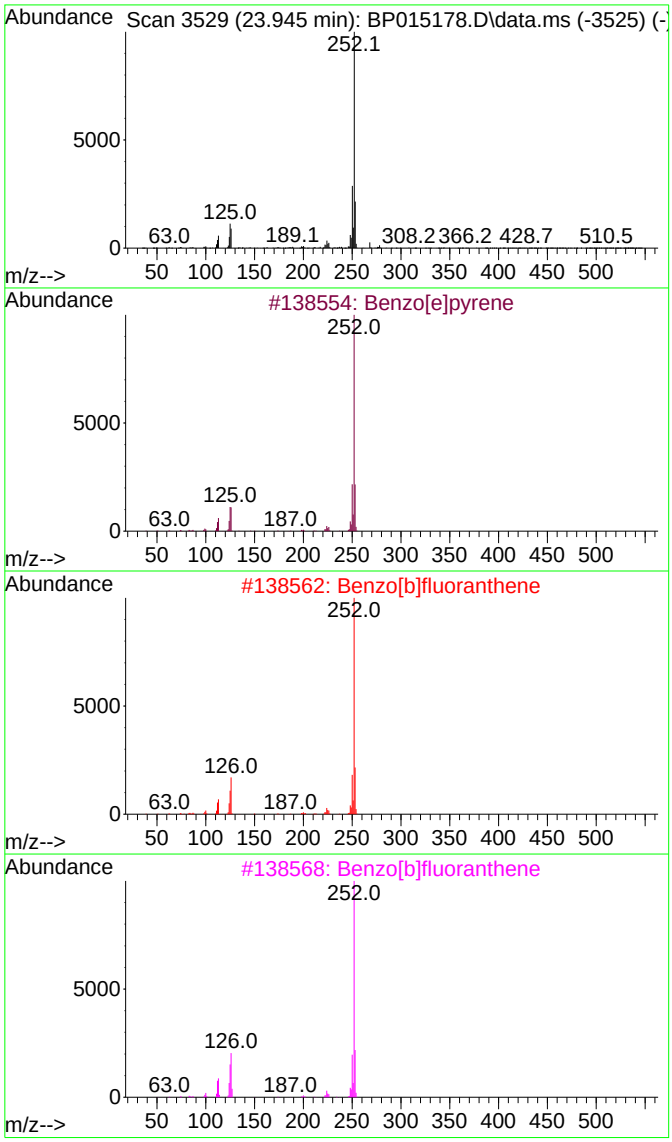
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

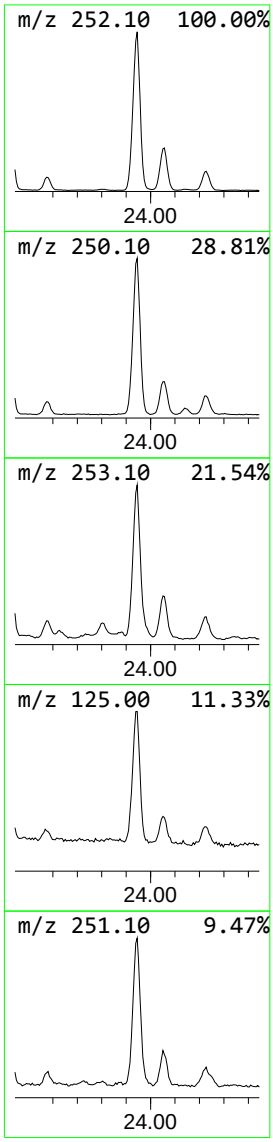
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.945	20.00 ng/ul	2254380	Perylene-d12	24.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

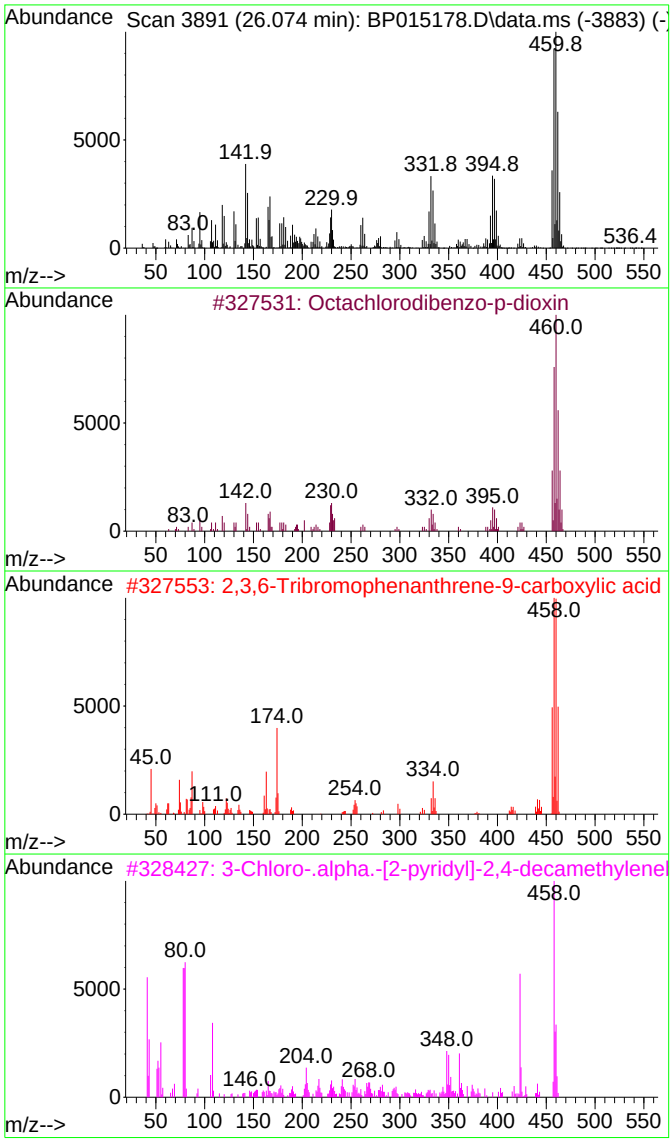
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

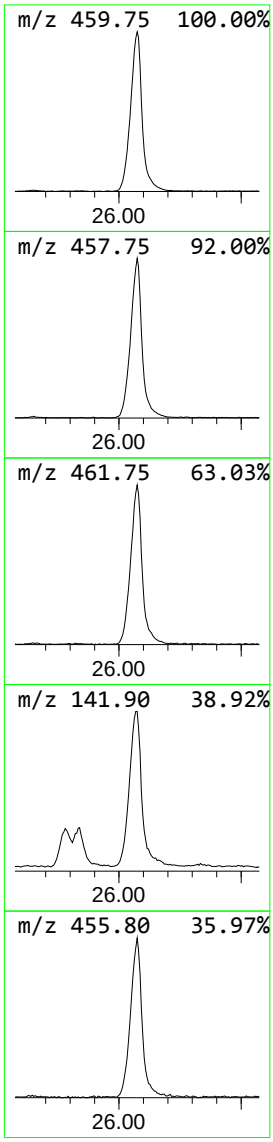
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octachlorodibenzo-p-dioxin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.074	93.66 ng/ul	10557700	Perylene-d12	24.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	86
2	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	25
3	3-Chloro-.alpha.-[2-pyridyl]-2,4...	458	C29H31ClN2O	035158-92-0	18
4	Cholest-8(14)-en-3-ol, (3.beta.,...	458	C30H54OSi	055282-50-3	9
5	1,3,5-Triazine-2,4,6-triamine, N...	460	C27H24N8	033933-66-3	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015178.D
Acq On : 19 May 2023 18:09
Operator : CG/JU
Sample : 02664-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0

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
Cyclopentasilox...	9.699	2.2	ng/ul	253068	2	10.957	2318690	20.0
n-Hexadecanoic ...	18.392	53.3	ng/ul	9906370	4	17.522	3714610	20.0
9,10-Anthracene...	18.898	8.4	ng/ul	1552520	4	17.522	3714610	20.0
Octadecanoic acid	19.610	15.4	ng/ul	4744880	5	21.598	6151240	20.0
Benzo[e]pyrene	23.945	20.0	ng/ul	2254380	6	24.168	2254380	20.0
Octachlorodiben...	26.074	93.7	ng/ul	10557700	6	24.168	2254380	20.0