LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016676.D
Acq On : 21 Aug 2023 15:39
Operator : MA/JU
Sample : 03968-35
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A48Q3

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-BP081423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016676.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	13	18	28	rVB	90056	139431	1.68%	0.139%
2	3.828	88	92	105	rBV	732381	1163567	14.03%	1.163%
3	3.940	108	111	118	rVV3	24966	37823	0.46%	0.038%
4	4.028	121	126	136	rVB	71263	116917	1.41%	0.117%
5	4.146	142	146	150	rVB	31932	44293	0.53%	0.044%
6	4.370	180	184	190	rVB5	11372	19982	0.24%	0.020%
7	4.534	208	212	219	rVB6	13896	25670	0.31%	0.026%
8	4.787	252	255	260	rVB6	7374	13250	0.16%	0.013%
9	5.087	301	306	310	rBV	48985	70755	0.85%	0.071%
10	5.999	458	461	466	rVB5	10635	16061	0.19%	0.016%
11	6.981	621	628	633	rBV5	11250	22623	0.27%	0.023%
12	7.187	656	663	675	rBV	1250268	2001551	24.14%	2.000%
13	7.381	689	696	708	rBV	981376	1518452	18.31%	1.518%
14	7.564	720	727	736	rBV	1172835	1847303	22.28%	1.846%
15	7.634	736	739	752	rVB	48481	100036	1.21%	0.100%
16	8.046	801	809	822	rBV	1322280	2077977	25.06%	2.077%
17	8.581	894	900	906	rVB9	7419	16624	0.20%	0.017%
18	8.746	922	928	937	rBV	1437731	2372179	28.61%	2.371%
19	8.811	937	939	946	rVV8	14190	29011	0.35%	0.029%
20	8.893	947	953	960	rVB	218299	354619	4.28%	0.354%
21	9.240	1004	1012	1024	rBV	1134415	1888719	22.78%	1.888%
22	9.363	1030	1033	1040	rVB8	8377	13385	0.16%	0.013%
23	9.469	1046	1051	1057	rVB3	10974	19621	0.24%	0.020%
24	9.958	1122	1134	1143	rBV	902977	1498976	18.08%	1.498%
25	10.069	1149	1153	1161	rBV2	17506	30197	0.36%	0.030%
26	10.322	1187	1196	1205	rVB3	18767	44285	0.53%	0.044%
27	10.481	1213	1223	1237	rBV	1384768	2342065	28.24%	2.341%
28	10.875	1282	1290	1297	rBV	1906199	3223960	38.88%	3.222%
29	10.928	1297	1299	1307	rVB	45760	67002	0.81%	0.067%
30	11.034	1309	1317	1334	rBV	1299276	2244997	27.07%	2.244%
31	11.422	1375	1383	1388	rBV10	12676	27998	0.34%	0.028%
32	11.622	1412	1417	1421	rBV8	7302	12663	0.15%	0.013%
33	11.687	1423	1428	1434	rBV2	12459	22515	0.27%	0.023%
34	12.263	1522	1526	1533	rVB5	6493	12353	0.15%	0.012%
35	12.352	1537	1541	1545	rBV6	7718	12315	0.15%	0.012%
36	12.457	1553	1559	1564	rVB3	24607	42687	0.51%	0.043%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
A48Q3

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-BP081423.MA.M
Title : SVOA CALIBRATION

37	12.528	1566	1571	1576	rBV	28256	47676	0.57%	0.048%
38	12.746	1601	1608	1613	rBV3	27395	46319	0.56%	0.046%
39	13.163	1675	1679	1685	rVB7	9677	14494	0.17%	0.014%
40	13.269	1692	1697	1703	rVB9	7205	12942	0.16%	0.013%
41	13.457	1719	1729	1735	rBV3	24948	50492	0.61%	0.050%
42	13.546	1737	1744	1753	rBV	344460	569875	6.87%	0.570%
43	13.657	1761	1763	1770	rVB8	7181	12318	0.15%	0.012%
44	13.722	1770	1774	1777	rBV4	10679	15448	0.19%	0.015%
45	13.851	1791	1796	1797	rBV5	17507	24133	0.29%	0.024%
46	13.875	1797	1800	1808	rVB4	25916	41724	0.50%	0.042%
47	14.016	1818	1824	1828	rBV3	37547	62317	0.75%	0.062%
48	14.069	1828	1833	1834	rBV3	21519	29525	0.36%	0.030%
49	14.110	1834	1840	1852	rVB	2462762	3441829	41.51%	3.440%
50	14.251	1859	1864	1868	rBV6	11277	17972	0.22%	0.018%
51	14.398	1882	1889	1899	rBV	2901342	4333478	52.26%	4.331%
52	14.698	1930	1940	1946	rBV	2960670	4205601	50.72%	4.203%
53	14.763	1946	1951	1956	rVV	138270	214696	2.59%	0.215%
54	14.810	1956	1959	1963	rVB2	30525	38111	0.46%	0.038%
55	14.898	1968	1974	1987	rBV	909400	1508630	18.19%	1.508%
56	15.093	2000	2007	2010	rBV2	61601	127381	1.54%	0.127%
57	15.128	2010	2013	2023	rVB4	61983	119828	1.45%	0.120%
58	15.298	2038	2042	2047	rVB5	18872	32223	0.39%	0.032%
59	15.351	2049	2051	2054	rBV3	12596	15066	0.18%	0.015%
60	15.445	2063	2067	2070	rBV5	17738	30880	0.37%	0.031%
61	15.693	2102	2109	2115	rBV	3812338	5338223	64.37%	5.335%
62	15.745	2115	2118	2124	rVB2	159190	230851	2.78%	0.231%
63	15.810	2124	2129	2136	rBV	861670	1175718	14.18%	1.175%
64	15.863	2136	2138	2142	rVB4	21394	28234	0.34%	0.028%
65	15.945	2148	2152	2158	rVB3	72895	111026	1.34%	0.111%
66	15.998	2158	2161	2163	rVV3	19973	23080	0.28%	0.023%
67	16.034	2163	2167	2172	rVB	48468	73017	0.88%	0.073%
68	16.181	2188	2192	2199	rBV2	43273	76943	0.93%	0.077%
69	16.275	2205	2208	2212	rVB6	14312	18223	0.22%	0.018%
70	16.369	2219	2224	2228	rBV5	23756	45948	0.55%	0.046%
71	16.751	2282	2289	2293	rVB2	57199	118199	1.43%	0.118%
72	16.798	2293	2297	2303	rBV3	41971	82486	0.99%	0.082%
73	16.975	2323	2327	2331	rBV3	72370	87428	1.05%	0.087%
74	17.281	2375	2379	2384	rVB	116330	159241	1.92%	0.159%
75	17.463	2403	2410	2414	rBV	3671612	5233183	63.11%	5.230%
76	17.504	2414	2417	2422	rVV	1969906	2726779	32.88%	2.725%

LSC Area Percent Report

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Title : SVOA CALIBRATION

77	17.563	2422	2427	2431	rVV2	4026184	5558102	67.03%	5.555%
78	17.598	2431	2433	2438	rVB	407637	491981	5.93%	0.492%
79	17.881	2477	2481	2491	rVB	118783	243370	2.93%	0.243%
80	17.975	2494	2497	2503	rBV2	56560	80484	0.97%	0.080%
81	18.039	2504	2508	2512	rBV2	79582	122579	1.48%	0.123%
82	18.316	2548	2555	2560	rBV2	461695	1095619	13.21%	1.095%
83	18.369	2560	2564	2570	rVV2	443824	707208	8.53%	0.707%
84	18.445	2574	2577	2582	rVB	156819	202236	2.44%	0.202%
85	18.516	2582	2589	2592	rBV2	434981	880511	10.62%	0.880%
86	18.545	2592	2594	2599	rVB	238302	285945	3.45%	0.286%
87	18.804	2635	2638	2643	rBV	220813	278140	3.35%	0.278%
88	18.857	2645	2647	2651	rVB2	105217	129481	1.56%	0.129%
89	19.122	2689	2692	2695	rVB4	88126	107640	1.30%	0.108%
90	19.469	2746	2751	2758	rVB	2792978	3629214	43.77%	3.627%
91	19.798	2801	2807	2810	rBV	5443835	8292475	100.00%	8.288%
92	19.828	2810	2812	2817	rVB	2751387	2889898	34.85%	2.888%
93	20.263	2883	2886	2889	rBV2	234351	330673	3.99%	0.330%
94	20.398	2906	2909	2912	rBV	292708	347070	4.19%	0.347%
95	21.222	3043	3049	3056	rBV4	427639	1177620	14.20%	1.177%
96	21.563	3100	3107	3111	rBV2	4167957	7177958	86.56%	7.174%
97	21.604	3111	3114	3118	rVB	1207021	1491580	17.99%	1.491%
98	23.339	3404	3409	3415	rBV	669292	1673374	20.18%	1.672%
99	23.969	3510	3516	3522	rBV2	2333489	4568405	55.09%	4.566%
100	24.145	3539	3546	3552	rBV	2052093	4261239	51.39%	4.259%

Sum of corrected areas: 100056201

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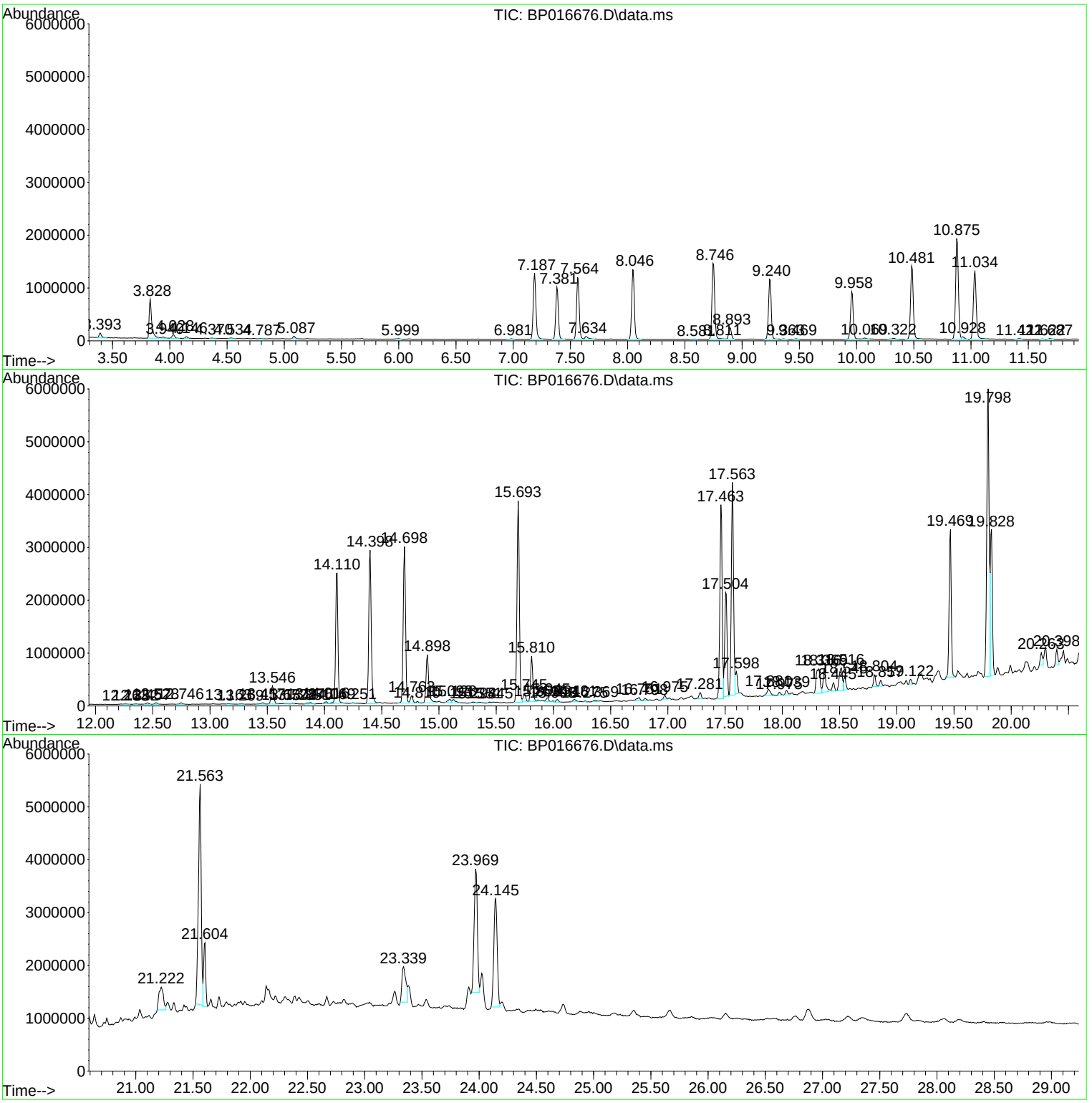
Instrument :
BNA_P
ClientSampleId :
A48Q3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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\BP082123\
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Instrument :
BNA_P
ClientSampleId :
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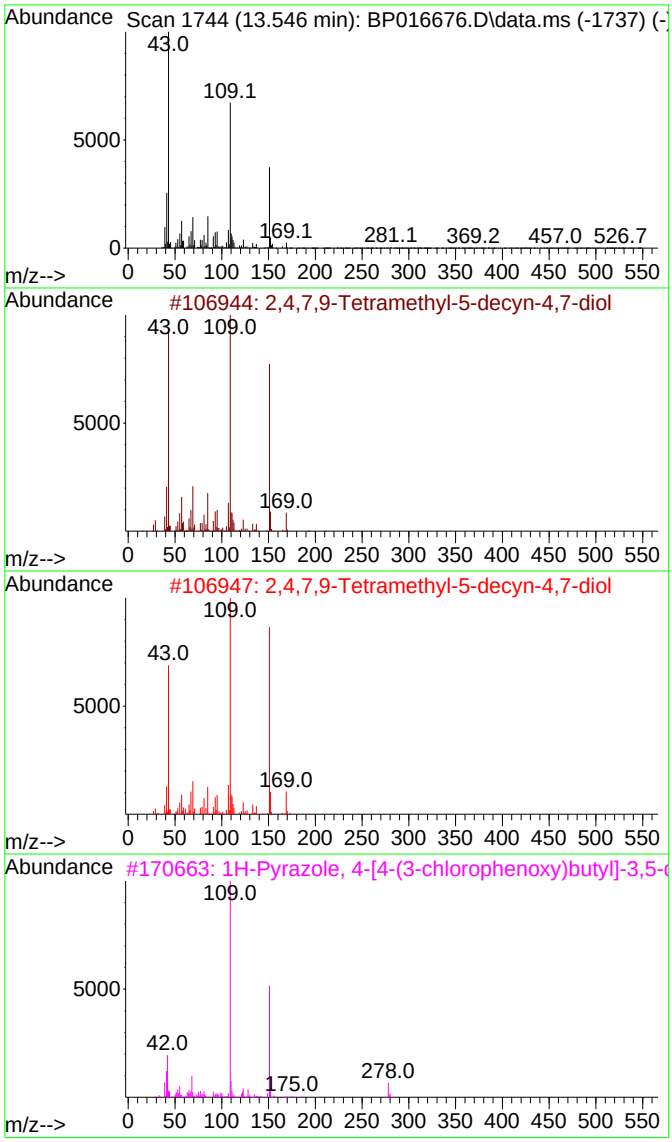
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

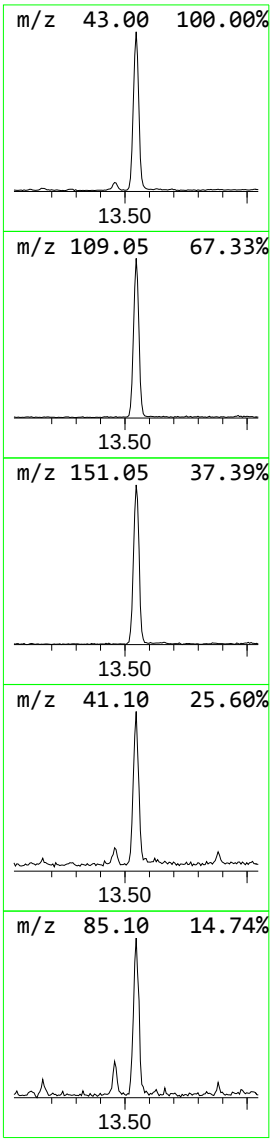
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.546	2.71 ng/ul	569875	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
3	1H-Pyrazole, 4-[4-(3-chloropheno...	278	C15H19ClN2O	1010302-33-9	53
4	Diacetamate	193	C10H11NO3	002623-33-8	50
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
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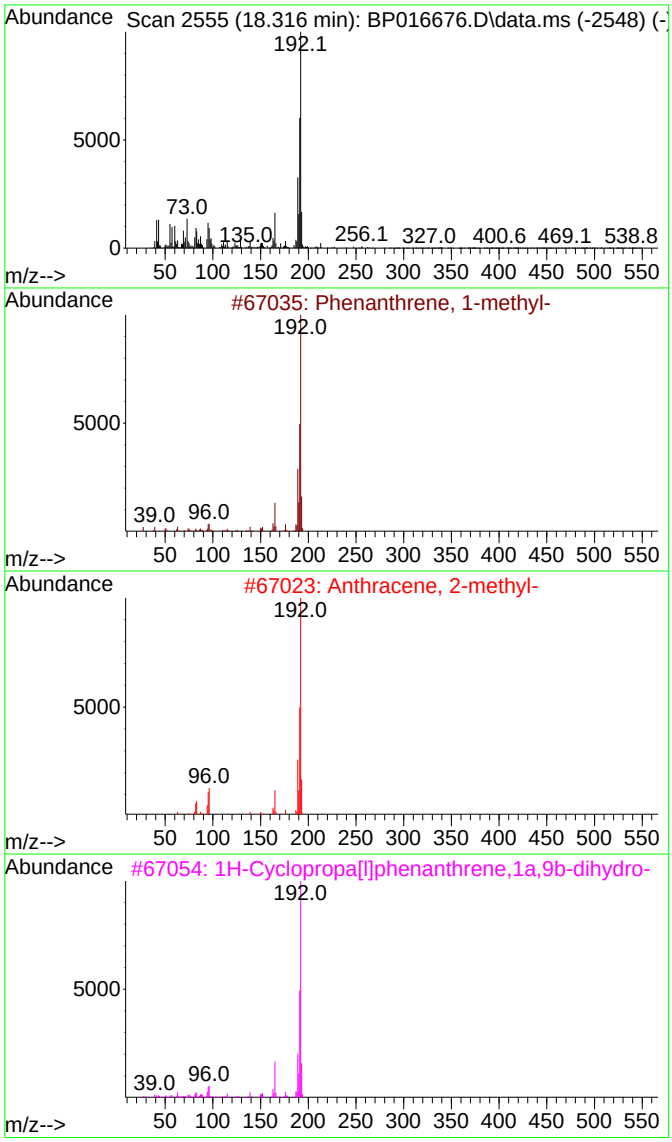
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

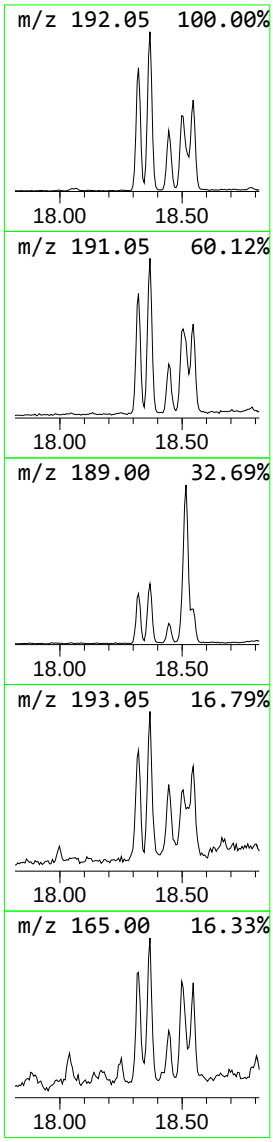
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	4.19 ng/ul	1095620	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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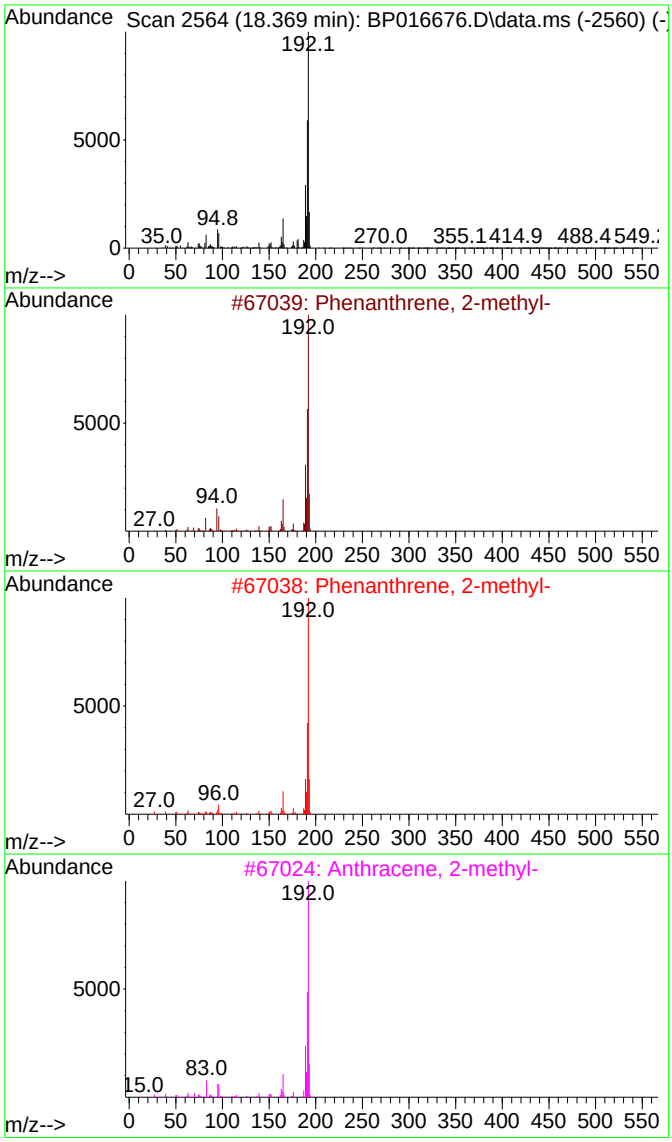
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

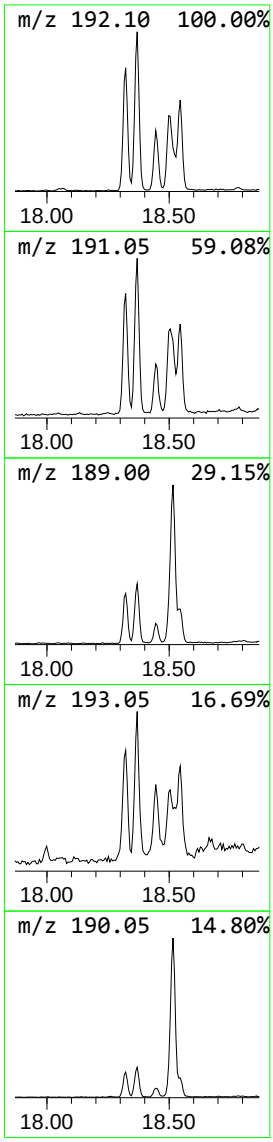
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	2.70 ng/ul	707208	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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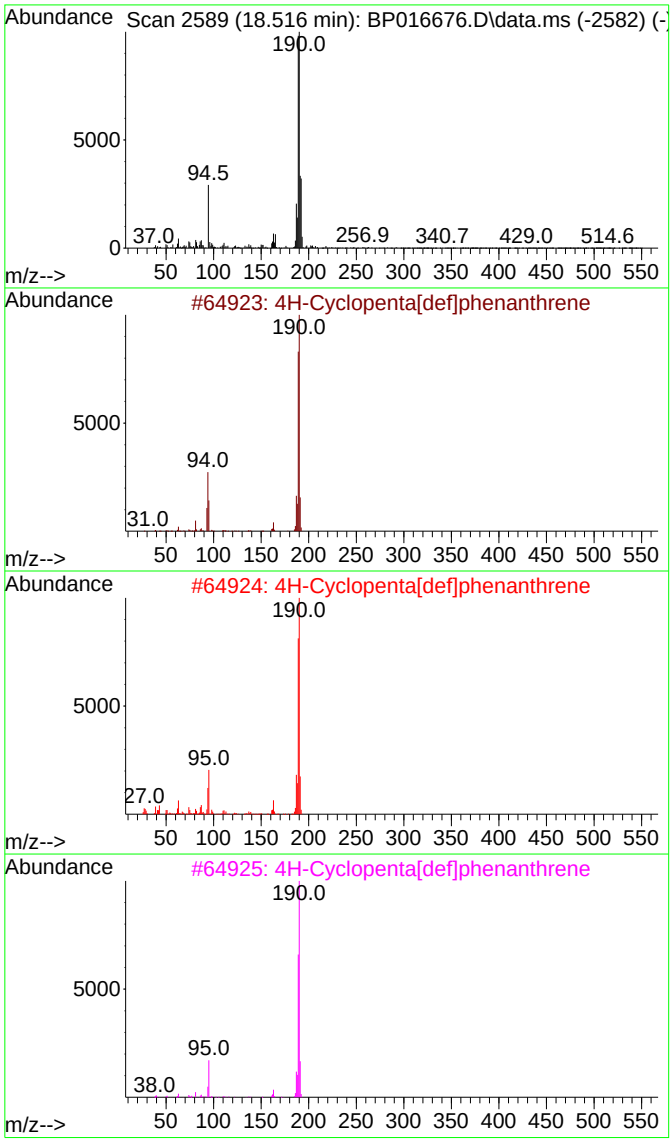
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

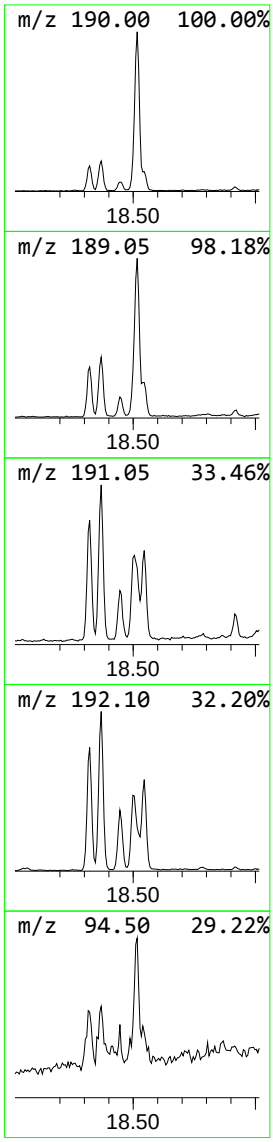
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	3.37 ng/ul	880511	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	60





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Operator : MA/JU
Sample : 03968-35
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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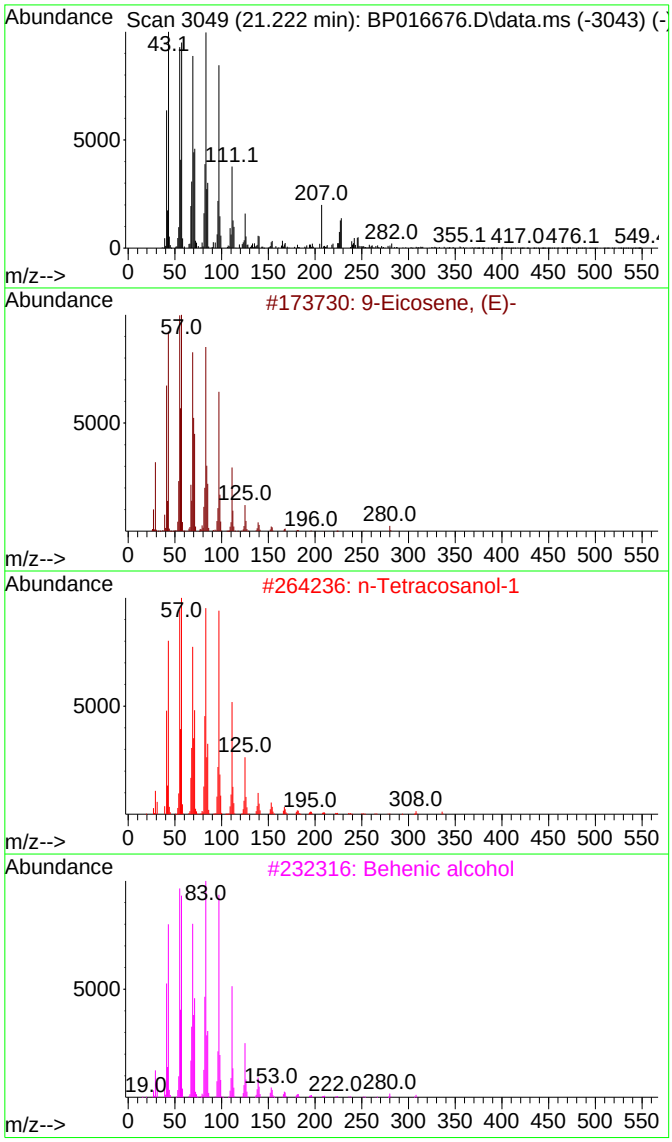
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

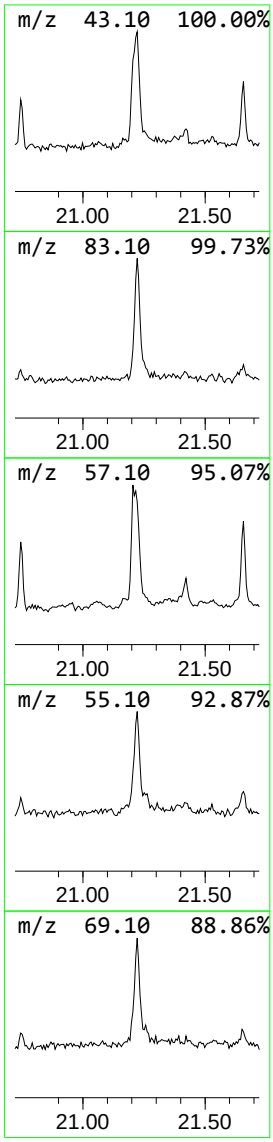
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	3.28 ng/ul	1177620	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016676.D
Acq On : 21 Aug 2023 15:39
Operator : MA/JU
Sample : 03968-35
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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
2,4,7,9-Tetrame...	13.546	2.7	ng/ul	569875	3	14.698	4205600	20.0
Phenanthrene, 1...	18.316	4.2	ng/ul	1095620	4	17.463	5233180	20.0
Phenanthrene, 2...	18.369	2.7	ng/ul	707208	4	17.463	5233180	20.0
4H-Cyclopenta[d...	18.516	3.4	ng/ul	880511	4	17.463	5233180	20.0
(DEL) Alkane: S...	21.222	3.3	ng/ul	1177620	5	21.563	7177960	20.0