LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021399.D
Acq On : 06 Aug 2024 20:54
Operator : CG/JU
Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX2

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	25	28	38	rVB	34632	53705	0.93%	0.088%
2	3.593	100	103	119	rBV	135141	275142	4.78%	0.450%
3	3.869	146	150	157	rVB3	9700	15611	0.27%	0.026%
4	4.769	298	303	309	rBV7	4047	8868	0.15%	0.015%
5	6.122	527	533	538	rBV5	5311	9643	0.17%	0.016%
6	6.869	650	660	671	rBV2	84405	270011	4.69%	0.442%
7	6.963	671	676	694	rVB	437828	813195	14.13%	1.331%
8	7.175	705	712	737	rBV	508007	1015091	17.63%	1.662%
9	7.605	779	785	802	rBV	574644	1124438	19.53%	1.841%
10	7.969	839	847	859	rVB	46541	87851	1.53%	0.144%
11	8.157	871	879	882	rBV8	3189	5987	0.10%	0.010%
12	8.363	906	914	941	rBV	332142	915641	15.91%	1.499%
13	8.687	965	969	974	rBV5	6219	9789	0.17%	0.016%
14	8.781	978	985	1002	rBV	491343	1035523	17.99%	1.695%
15	8.952	1009	1014	1022	rVB3	15702	33474	0.58%	0.055%
16	9.075	1029	1035	1036	rBV6	4214	6675	0.12%	0.011%
17	9.134	1043	1045	1054	rVB3	7126	11397	0.20%	0.019%
18	9.369	1081	1085	1093	rBV9	8804	19091	0.33%	0.031%
19	9.493	1099	1106	1123	rBV	421096	914013	15.88%	1.496%
20	9.652	1131	1133	1138	rVB6	5941	7078	0.12%	0.012%
21	9.769	1145	1153	1154	rBV5	5883	9659	0.17%	0.016%
22	9.781	1154	1155	1160	rVB5	4736	5835	0.10%	0.010%
23	9.887	1167	1173	1177	rBV8	4523	9172	0.16%	0.015%
24	9.916	1177	1178	1187	rVB9	5567	10155	0.18%	0.017%
25	10.010	1187	1194	1195	rBV7	3210	6534	0.11%	0.011%
26	10.069	1195	1204	1229	rBV	492115	1443934	25.08%	2.364%
27	10.387	1250	1258	1277	rVB	835818	1679288	29.17%	2.749%
28	10.557	1281	1287	1313	rBV	382160	1112319	19.32%	1.821%
29	10.728	1313	1316	1324	rVV7	12637	25298	0.44%	0.041%
30	10.810	1326	1330	1334	rVV3	8814	16842	0.29%	0.028%
31	10.857	1336	1338	1343	rVB6	6555	7138	0.12%	0.012%
32	10.934	1349	1351	1360	rVB6	7206	11277	0.20%	0.018%
33	10.998	1360	1362	1369	rVB8	3566	7652	0.13%	0.013%
34	11.198	1389	1396	1403	rBV4	18771	52689	0.92%	0.086%
35	11.516	1441	1450	1456	rBV2	26084	62674	1.09%	0.103%
36	11.963	1521	1526	1530	rBV	17295	36192	0.63%	0.059%

LSC Area Percent Report

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Operator : CG/JU
Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX2

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	12.228	1566	1571	1573	rBV5	11684	21186	0.37%	0.035%
38	12.293	1575	1582	1590	rVB	93143	201081	3.49%	0.329%
39	12.410	1597	1602	1605	rBV7	3941	7302	0.13%	0.012%
40	12.481	1610	1614	1618	rBV3	9222	15082	0.26%	0.025%
41	12.604	1629	1635	1638	rBV8	6494	14851	0.26%	0.024%
42	12.693	1644	1650	1651	rBV6	3927	6427	0.11%	0.011%
43	12.757	1657	1661	1665	rBV7	6267	12174	0.21%	0.020%
44	13.075	1712	1715	1720	rBV7	7955	15486	0.27%	0.025%
45	13.128	1720	1724	1731	rVB9	8234	17377	0.30%	0.028%
46	13.251	1740	1745	1749	rBV7	10464	17624	0.31%	0.029%
47	13.304	1749	1754	1766	rVB3	44821	100803	1.75%	0.165%
48	13.434	1769	1776	1783	rBV6	34085	81800	1.42%	0.134%
49	13.563	1794	1798	1799	rBV4	11064	13271	0.23%	0.022%
50	13.675	1810	1817	1832	rVB	1165730	2263059	39.31%	3.705%
51	13.816	1837	1841	1844	rBV	36988	50683	0.88%	0.083%
52	13.845	1844	1846	1851	rVB2	31077	38862	0.68%	0.064%
53	13.951	1857	1864	1880	rBV	1623212	2688090	46.69%	4.400%
54	14.263	1901	1917	1922	rBV	1630697	2385262	41.43%	3.905%
55	14.322	1922	1927	1942	rVV	2476711	3783878	65.73%	6.194%
56	14.457	1945	1950	1956	rVV2	10435	22397	0.39%	0.037%
57	14.581	1967	1971	1976	rVB	88838	118435	2.06%	0.194%
58	14.681	1980	1988	2000	rBV	312092	732095	12.72%	1.198%
59	14.898	2020	2025	2033	rVB9	30945	59988	1.04%	0.098%
60	15.034	2043	2048	2057	rBV	52084	101890	1.77%	0.167%
61	15.110	2058	2061	2064	rVB4	17676	21026	0.37%	0.034%
62	15.281	2081	2090	2095	rBV	2259414	3384927	58.80%	5.541%
63	15.339	2095	2100	2110	rVB	918893	1576944	27.39%	2.581%
64	15.469	2113	2122	2133	rBV3	657959	1304488	22.66%	2.135%
65	15.645	2147	2152	2159	rVB	161322	233938	4.06%	0.383%
66	15.804	2173	2179	2186	rVB	137661	278125	4.83%	0.455%
67	15.881	2187	2192	2198	rVB	112551	177676	3.09%	0.291%
68	15.992	2209	2211	2217	rVB2	30660	43193	0.75%	0.071%
69	16.057	2217	2222	2230	rBV	170658	284490	4.94%	0.466%
70	16.145	2233	2237	2250	rVB	193720	294410	5.11%	0.482%
71	16.316	2262	2266	2269	rBV5	22771	37664	0.65%	0.062%
72	16.375	2274	2276	2279	rVB	43521	48888	0.85%	0.080%
73	16.522	2296	2301	2306	rVB	65025	100212	1.74%	0.164%
74	16.898	2361	2365	2374	rVB	87953	150134	2.61%	0.246%
75	17.086	2391	2397	2402	rBV	1969470	2891828	50.23%	4.734%
76	17.133	2402	2405	2408	rVV	104257	128195	2.23%	0.210%

LSC Area Percent Report

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Data File : BP021399.D
Acq On : 06 Aug 2024 20:54
Operator : CG/JU
Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX2

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	17.186	2408	2414	2427	rVV	2366207	3876040	67.33%	6.345%
78	17.292	2429	2432	2441	rVB5	58855	118476	2.06%	0.194%
79	17.469	2458	2462	2469	rBV	128058	224280	3.90%	0.367%
80	17.528	2469	2472	2480	rVB	102608	162599	2.82%	0.266%
81	18.004	2547	2553	2558	rBV3	316433	596541	10.36%	0.977%
82	18.186	2579	2584	2596	rVB2	214448	474475	8.24%	0.777%
83	19.222	2756	2760	2768	rVB	535603	850847	14.78%	1.393%
84	19.339	2776	2780	2787	rBV4	217733	324404	5.64%	0.531%
85	19.569	2813	2819	2830	rBV2	3501958	5756796	100.00%	9.424%
86	20.016	2892	2895	2900	rVB	186382	261441	4.54%	0.428%
87	20.074	2902	2905	2909	rBV	136522	200534	3.48%	0.328%
88	20.804	3025	3029	3038	rVB	354073	647963	11.26%	1.061%
89	21.521	3146	3151	3164	rVB	2219527	3607298	62.66%	5.905%
90	24.592	3663	3673	3686	rVB	1798384	5097183	88.54%	8.344%
91	24.804	3701	3709	3725	rVB2	1413914	4034596	70.08%	6.605%

Sum of corrected areas: 61087595

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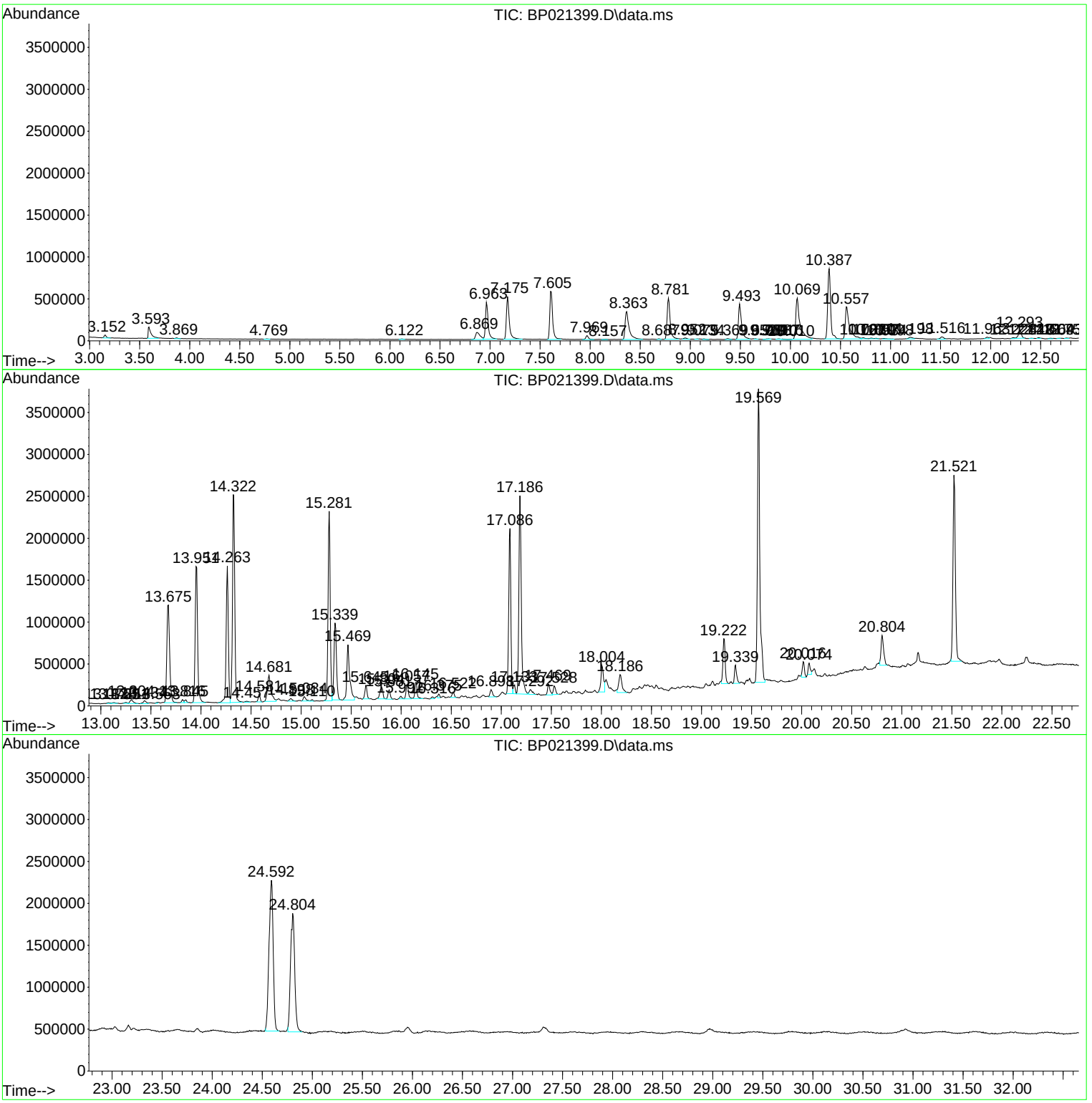
Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP080624\
Data File : BP021399.D
Acq On : 06 Aug 2024 20:54
Operator : CG/JU
Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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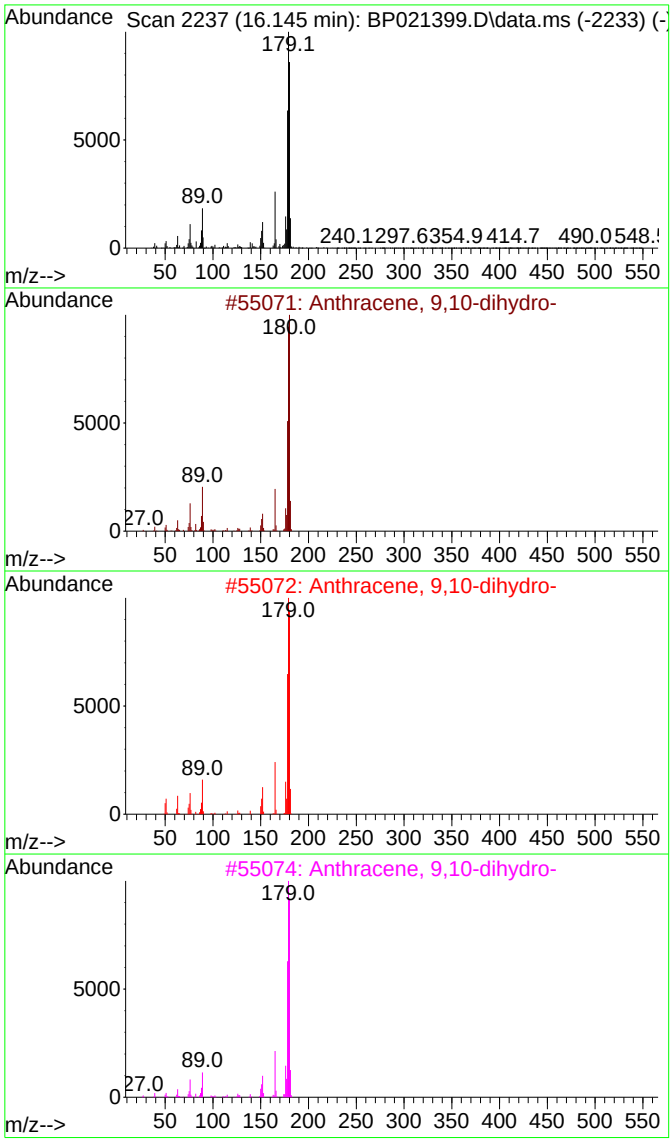
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

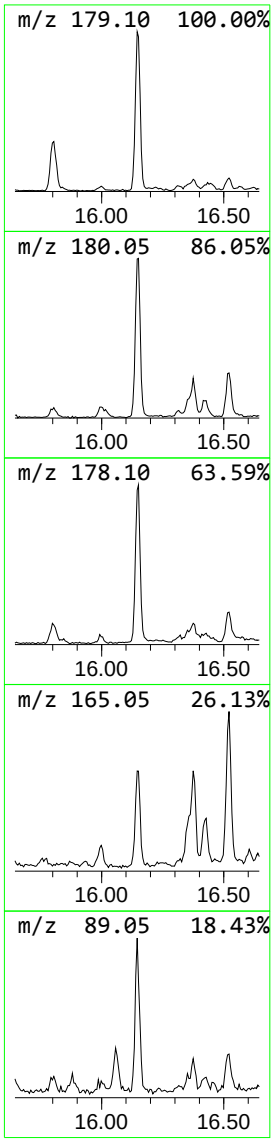
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Anthracene, 9,10-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	2.04 ng/ul	294410	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	97
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	95
5	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021399.D
Acq On : 06 Aug 2024 20:54
Operator : CG/JU
Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX2

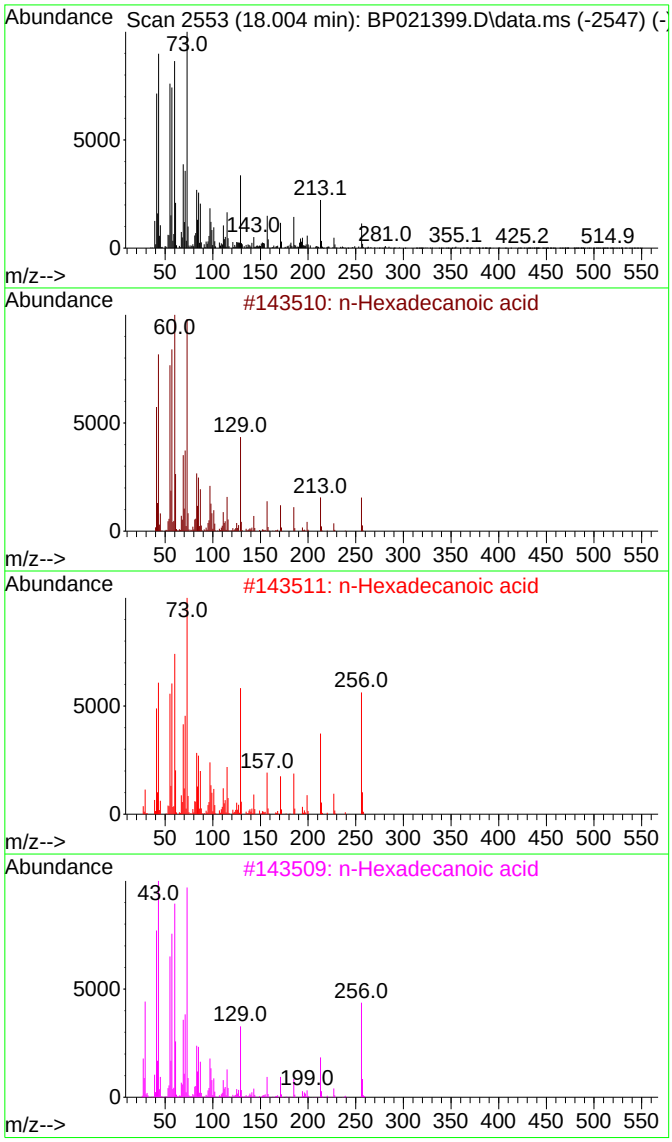
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

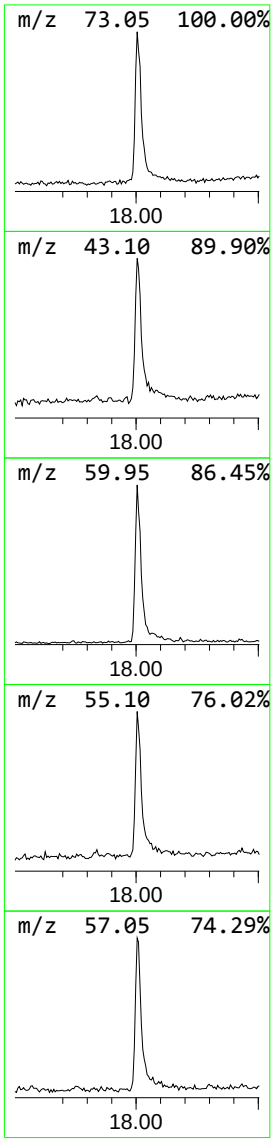
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	4.13 ng/ul	596541	Phenanthrene-d10	17.086

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	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	97





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Data File : BP021399.D
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Sample : P3378-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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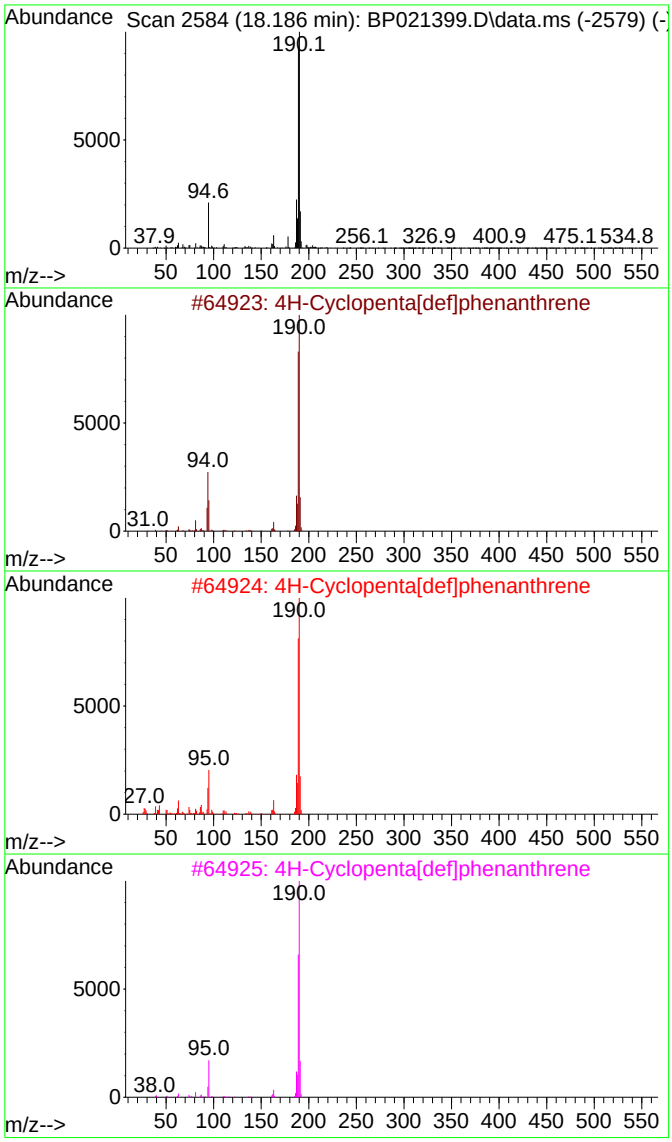
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

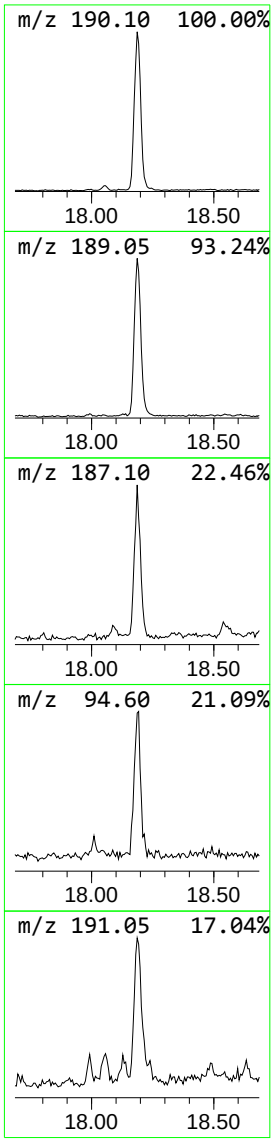
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	3.28 ng/ul	474475	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59





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Acq On : 06 Aug 2024 20:54
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Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX2

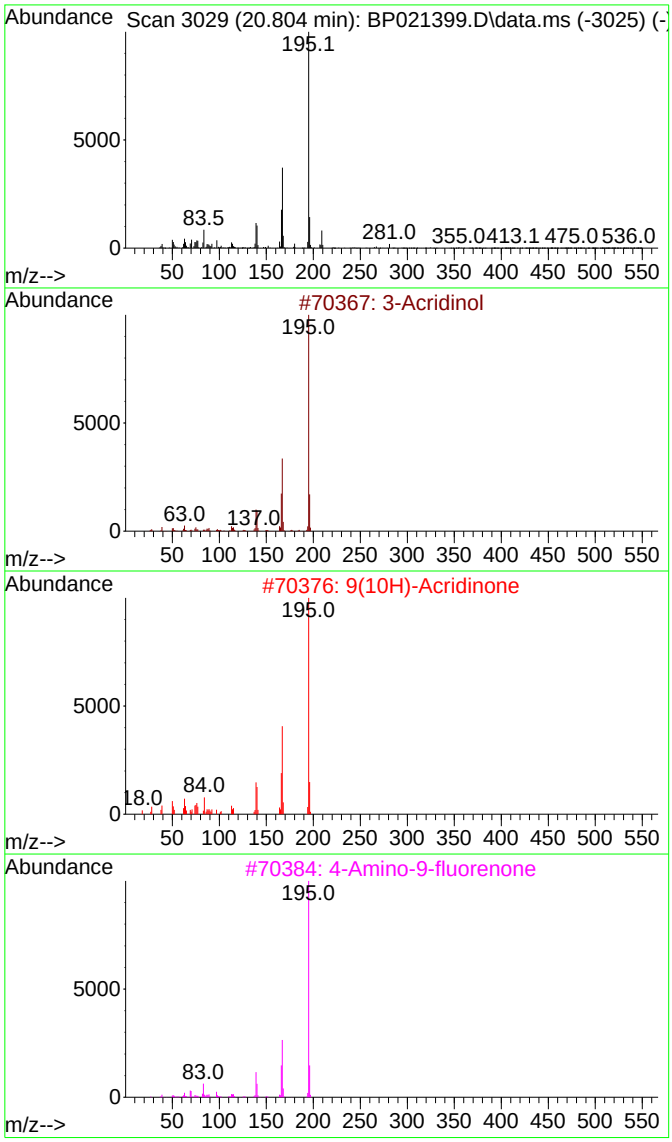
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

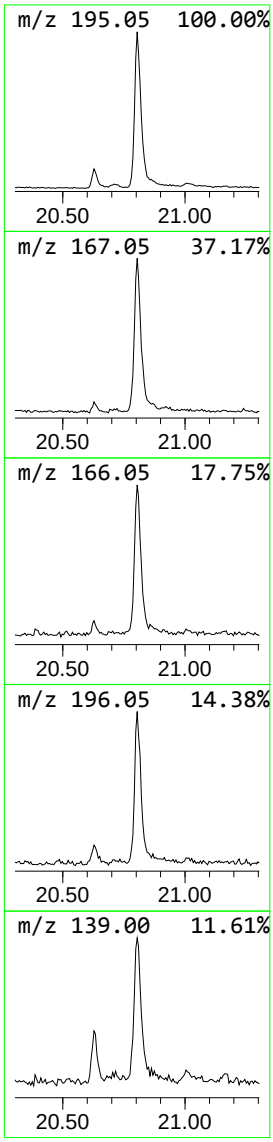
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Acridinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	3.59 ng/ul	647963	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021399.D
Acq On : 06 Aug 2024 20:54
Operator : CG/JU
Sample : P3378-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
Anthracene, 9,1...	16.145	2.0	ng/ul	294410	4	17.086	2891830	20.0
n-Hexadecanoic ...	18.004	4.1	ng/ul	596541	4	17.086	2891830	20.0
4H-Cyclopenta[d...	18.186	3.3	ng/ul	474475	4	17.086	2891830	20.0
3-Acridinol	20.804	3.6	ng/ul	647963	5	21.522	3607300	20.0