LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

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-BP112624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.105	16	20	24	rVB	17132	21692	1.00%	0.069%
2	3.376	64	66	71	rBV5	2463	3696	0.17%	0.012%
3	3.517	86	90	103	rBV	218528	364022	16.71%	1.155%
4	3.817	137	141	151	rVB3	8042	14980	0.69%	0.048%
5	4.711	290	293	298	rVB7	2922	4152	0.19%	0.013%
6	5.340	396	400	402	rBV4	2121	2368	0.11%	0.008%
7	5.570	437	439	442	rBV4	1555	2279	0.10%	0.007%
8	5.846	484	486	490	rVB5	1867	2556	0.12%	0.008%
9	6.228	547	551	554	rBV6	2199	3203	0.15%	0.010%
10	6.252	554	555	562	rVB7	2316	2573	0.12%	0.008%
11	6.634	614	620	625	rBV9	2715	6168	0.28%	0.020%
12	6.752	633	640	658	rBV	304111	633256	29.07%	2.009%
13	6.887	658	663	674	rVB	267287	414543	19.03%	1.315%
14	7.087	690	697	714	rBV	344531	583287	26.77%	1.851%
15	7.240	721	723	727	rVB4	3071	2628	0.12%	0.008%
16	7.534	766	773	782	rVV	460739	736751	33.82%	2.337%
17	7.628	787	789	793	rVB5	3662	4529	0.21%	0.014%
18	8.034	855	858	863	rVB7	1610	2971	0.14%	0.009%
19	8.181	875	883	887	rBV10	2065	5020	0.23%	0.016%
20	8.252	889	895	911	rBV	388127	744981	34.20%	2.364%
21	8.522	937	941	945	rVB7	1667	2505	0.11%	0.008%
22	8.675	959	967	978	rBV	313173	564035	25.89%	1.790%
23	8.822	988	992	993	rVV4	2631	3720	0.17%	0.012%
24	8.834	993	994	998	rVV4	3808	3908	0.18%	0.012%
25	8.869	998	1000	1006	rVB7	1707	2543	0.12%	0.008%
26	9.058	1028	1032	1036	rVB7	3505	5323	0.24%	0.017%
27	9.240	1057	1063	1071	rBV2	26973	51033	2.34%	0.162%
28	9.381	1081	1087	1104	rBV	236005	471789	21.66%	1.497%
29	9.493	1104	1106	1111	rVB6	2533	2926	0.13%	0.009%
30	9.658	1129	1134	1135	rBV5	2099	3290	0.15%	0.010%
31	9.869	1164	1170	1172	rBV7	1471	2648	0.12%	0.008%
32	9.934	1174	1181	1200	rBV	419897	804926	36.95%	2.554%
33	10.275	1231	1239	1254	rVV	576742	964429	44.27%	3.060%
34	10.434	1259	1266	1289	rBV	311912	673784	30.93%	2.138%
35	10.746	1315	1319	1321	rVB5	2664	2949	0.14%	0.009%
36	10.834	1328	1334	1342	rBV8	7162	16152	0.74%	0.051%

LSC Area Percent Report

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Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

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-BP112624.MA.M
Title : SVOA CALIBRATION

37	11.099	1374	1379	1386	rBV8	3927	8429	0.39%	0.027%
38	11.269	1405	1408	1410	rBV4	2081	2282	0.10%	0.007%
39	11.687	1476	1479	1483	rBV6	6213	8199	0.38%	0.026%
40	11.793	1493	1497	1500	rVB6	2698	3595	0.17%	0.011%
41	11.875	1505	1511	1518	rVB7	6197	12779	0.59%	0.041%
42	12.210	1565	1568	1571	rBV4	2142	2450	0.11%	0.008%
43	12.393	1592	1599	1600	rBV7	1889	3513	0.16%	0.011%
44	12.440	1603	1607	1609	rBV5	2719	4291	0.20%	0.014%
45	12.475	1610	1613	1616	rVB5	4226	5566	0.26%	0.018%
46	12.569	1624	1629	1631	rBV6	2615	2626	0.12%	0.008%
47	12.657	1641	1644	1646	rBV4	1961	2483	0.11%	0.008%
48	12.728	1652	1656	1657	rBV4	2119	2403	0.11%	0.008%
49	12.952	1690	1694	1699	rBV5	8348	12358	0.57%	0.039%
50	13.004	1699	1703	1707	rVB7	4473	7137	0.33%	0.023%
51	13.122	1719	1723	1727	rVV7	5623	8828	0.41%	0.028%
52	13.169	1727	1731	1740	rVB8	5908	13393	0.61%	0.042%
53	13.299	1748	1753	1754	rBV5	2058	2975	0.14%	0.009%
54	13.375	1763	1766	1769	rBV5	2590	4135	0.19%	0.013%
55	13.552	1789	1796	1812	rBV	798733	1169335	53.67%	3.710%
56	13.834	1835	1844	1862	rVB	979338	1269280	58.26%	4.027%
57	14.046	1875	1880	1885	rBV2	10708	15533	0.71%	0.049%
58	14.146	1891	1897	1906	rBV	975713	1296383	59.51%	4.113%
59	14.410	1940	1942	1944	rBV3	2385	2466	0.11%	0.008%
60	14.451	1944	1949	1970	rVV	155537	468308	21.50%	1.486%
61	14.587	1970	1972	1984	rVB9	15016	39852	1.83%	0.126%
62	14.993	2038	2041	2042	rBV3	2330	2959	0.14%	0.009%
63	15.016	2042	2045	2051	rVB6	9739	15080	0.69%	0.048%
64	15.163	2064	2070	2078	rVV	1116716	1554510	71.36%	4.932%
65	15.322	2092	2097	2106	rBV	99955	181448	8.33%	0.576%
66	15.534	2127	2133	2140	rBV	362192	488572	22.43%	1.550%
67	15.893	2191	2194	2202	rBV7	11299	28853	1.32%	0.092%
68	16.063	2218	2223	2227	rBV8	11276	21888	1.00%	0.069%
69	16.116	2229	2232	2237	rVB4	9687	17034	0.78%	0.054%
70	16.228	2247	2251	2253	rBV5	10816	16037	0.74%	0.051%
71	16.351	2268	2272	2279	rBV	81442	106250	4.88%	0.337%
72	16.710	2330	2333	2336	rBV5	9253	13723	0.63%	0.044%
73	16.875	2357	2361	2366	rBV8	18875	32990	1.51%	0.105%
74	16.951	2367	2374	2380	rVV	1115661	1608543	73.84%	5.103%
75	16.998	2380	2382	2385	rVV3	33861	41097	1.89%	0.130%
76	17.057	2385	2392	2402	rVB	1000031	1658846	76.14%	5.263%

LSC Area Percent Report

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Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Title : SVOA CALIBRATION

77	17.151	2404	2408	2412	rBV2	71809	100435	4.61%	0.319%
78	17.763	2507	2512	2519	rBV	139212	251800	11.56%	0.799%
79	17.840	2520	2525	2530	rVV	148526	231033	10.60%	0.733%
80	17.892	2530	2534	2549	rVV	1164459	1617055	74.23%	5.130%
81	18.322	2604	2607	2611	rBV5	32936	41539	1.91%	0.132%
82	18.592	2649	2653	2654	rBV4	26742	33002	1.51%	0.105%
83	19.010	2719	2724	2732	rBV3	74050	144066	6.61%	0.457%
84	19.098	2735	2739	2755	rVB2	213727	492087	22.59%	1.561%
85	19.234	2758	2762	2768	rBV	192371	303850	13.95%	0.964%
86	19.398	2787	2790	2792	rBV4	44111	64436	2.96%	0.204%
87	19.439	2792	2797	2806	rVV	1330240	1946755	89.36%	6.176%
88	19.704	2840	2842	2843	rBV2	51645	32632	1.50%	0.104%
89	19.898	2873	2875	2881	rVB6	54056	52797	2.42%	0.168%
90	20.063	2899	2903	2904	rBV4	65081	88679	4.07%	0.281%
91	20.245	2932	2934	2936	rBV2	50233	52725	2.42%	0.167%
92	20.469	2970	2972	2973	rBV2	50228	43066	1.98%	0.137%
93	20.516	2978	2980	2982	rVB2	83475	68880	3.16%	0.219%
94	21.063	3068	3073	3081	rVB3	329246	777829	35.70%	2.468%
95	21.298	3111	3113	3116	rBV4	215276	170635	7.83%	0.541%
96	21.381	3122	3127	3137	rVB2	990695	1722480	79.07%	5.465%
97	21.510	3147	3149	3157	rVB	129720	256695	11.78%	0.814%
98	23.063	3407	3413	3422	rVB	1121774	2178549	100.00%	6.912%
99	24.322	3619	3627	3636	rBV	713464	1898294	87.14%	6.023%
100	24.545	3658	3665	3673	rVB	654959	1661645	76.27%	5.272%

Sum of corrected areas: 31519008

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
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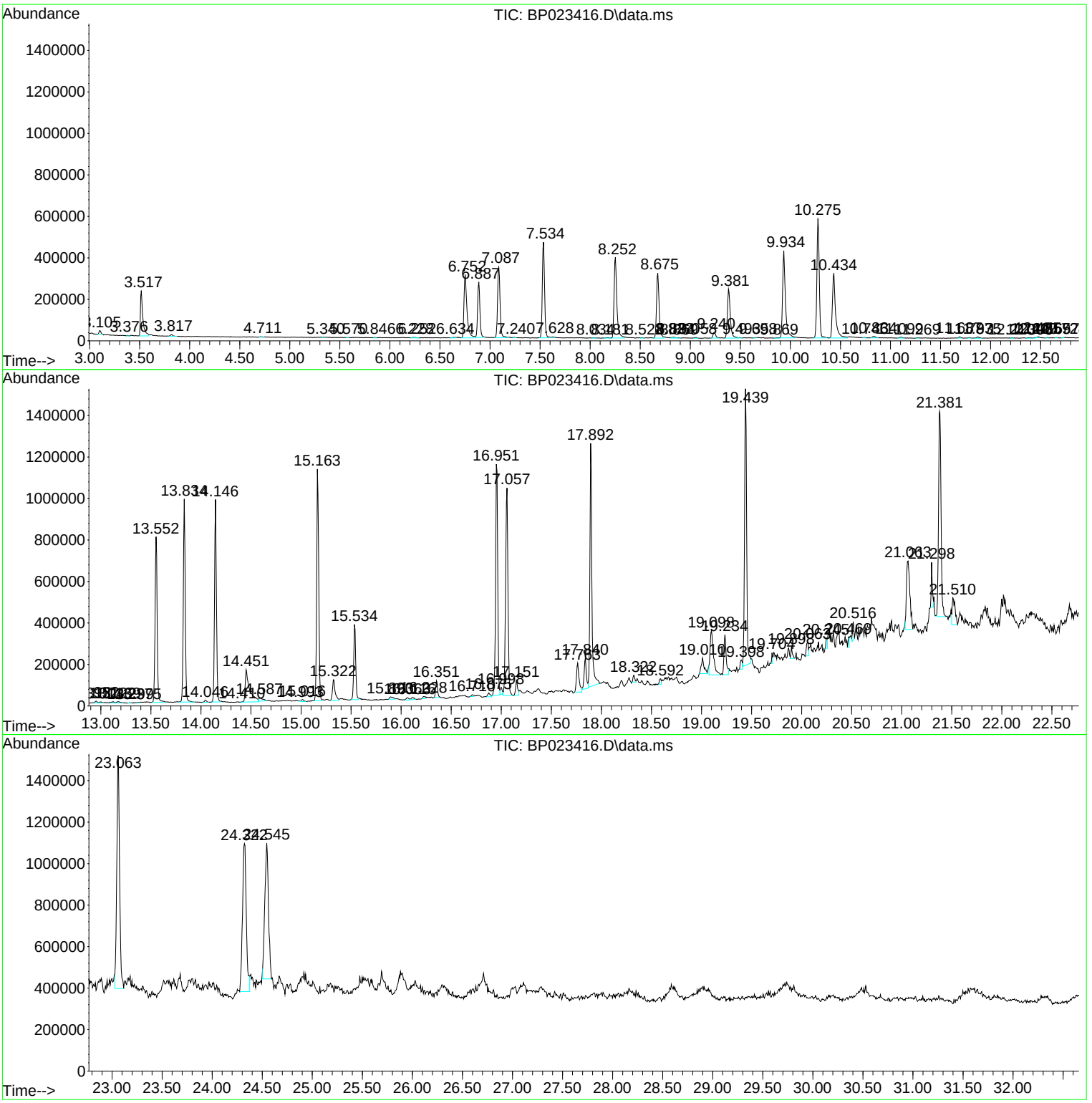
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

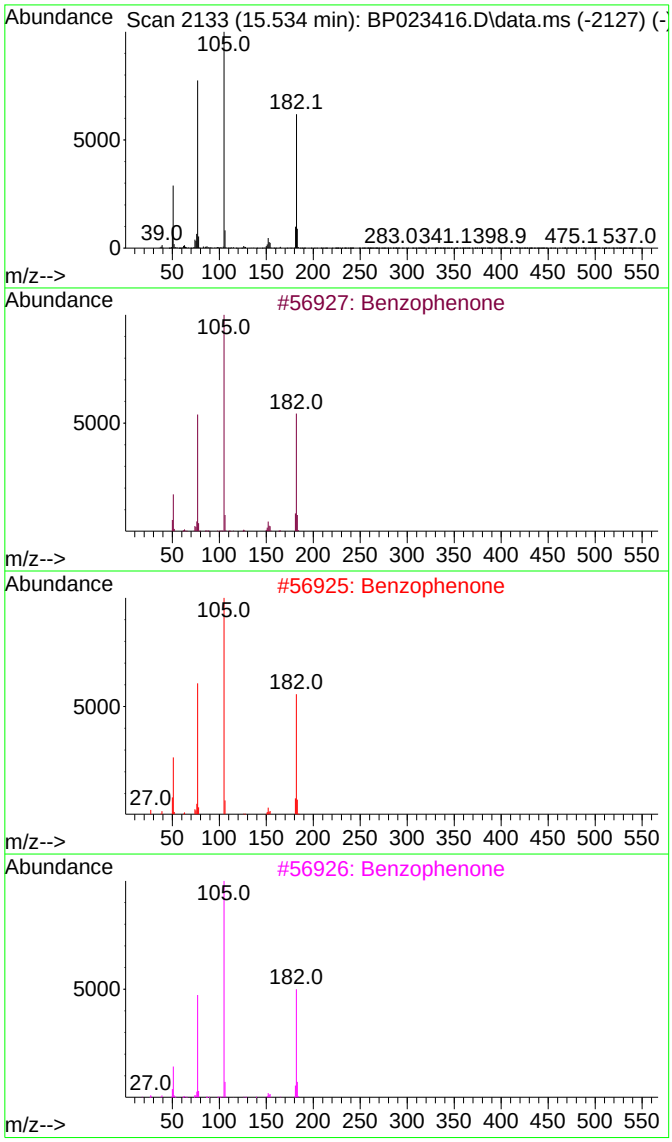
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

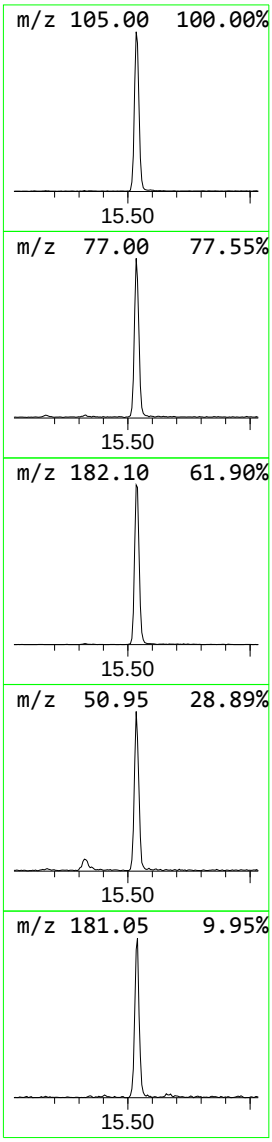
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.534	7.54 ng/ul	488572	Acenaphthene-d10	14.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

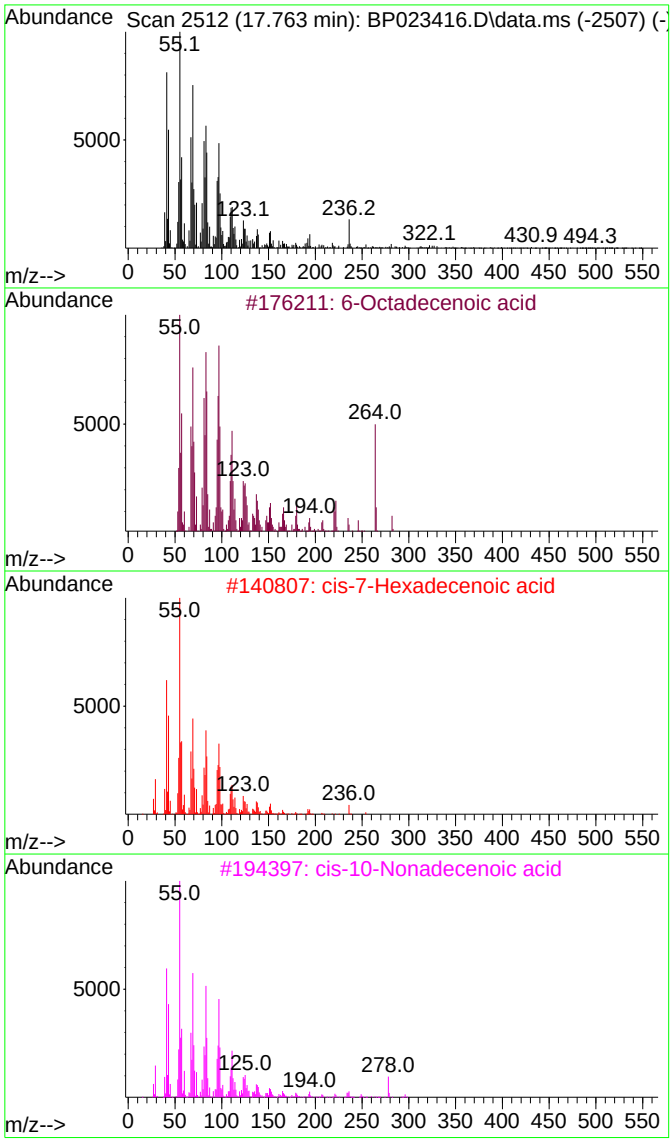
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

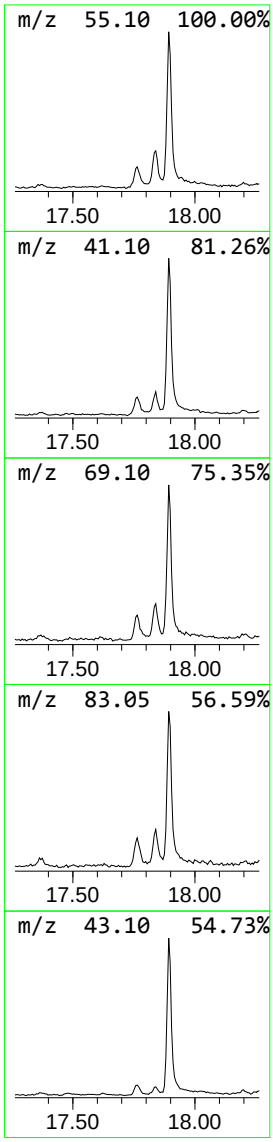
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 6-Octadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.763	3.13 ng/ul	251800	Phenanthrene-d10	16.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
3	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	95
4	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	95
5	Palmitoleic acid	254	C16H30O2	000373-49-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

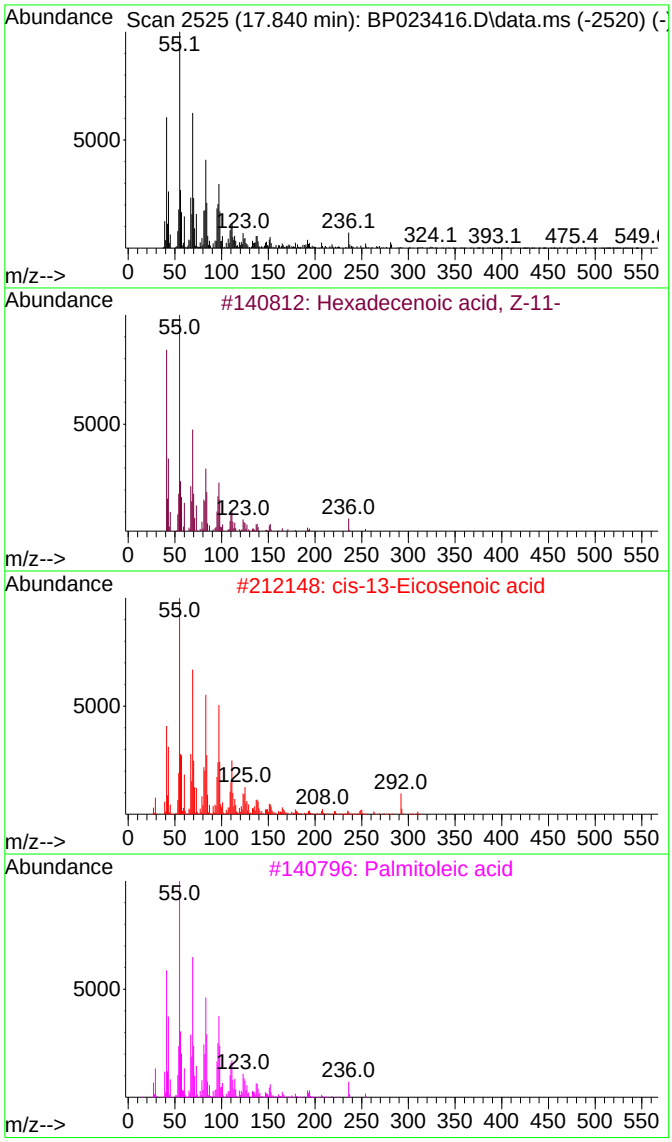
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

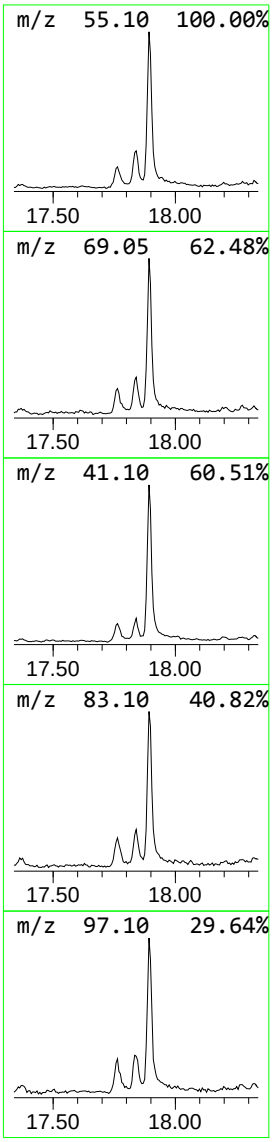
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.840	2.87 ng/ul	231033	Phenanthrene-d10	16.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	99
2	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	99
3	Palmitoleic acid	254	C16H30O2	000373-49-9	99
4	Palmitoleic acid	254	C16H30O2	000373-49-9	98
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
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Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

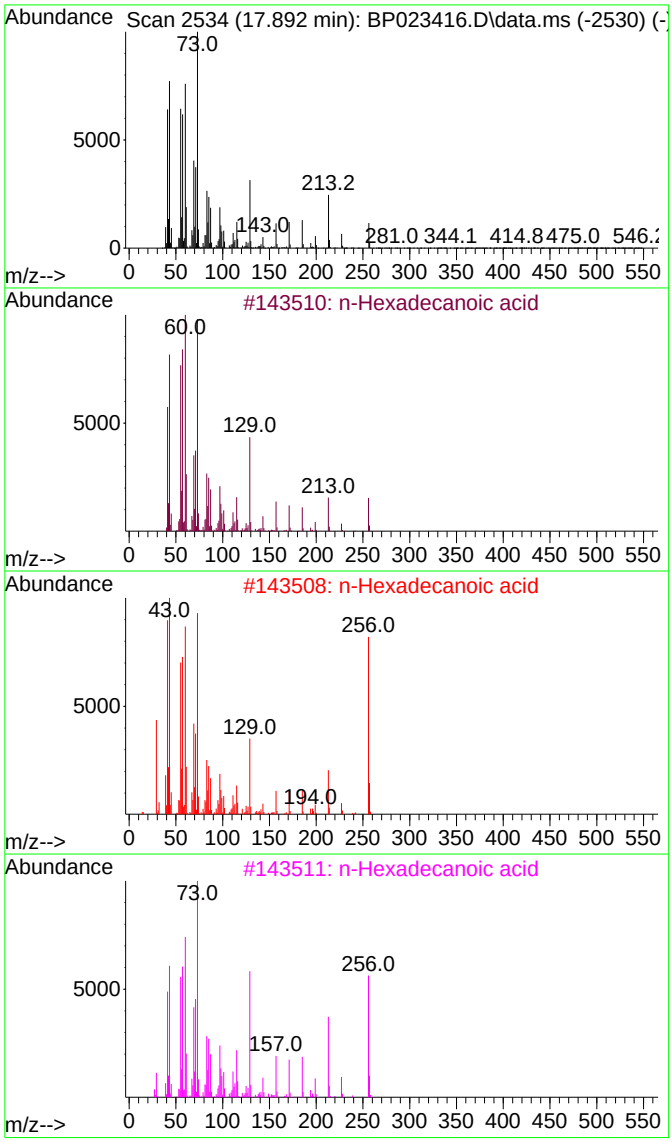
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

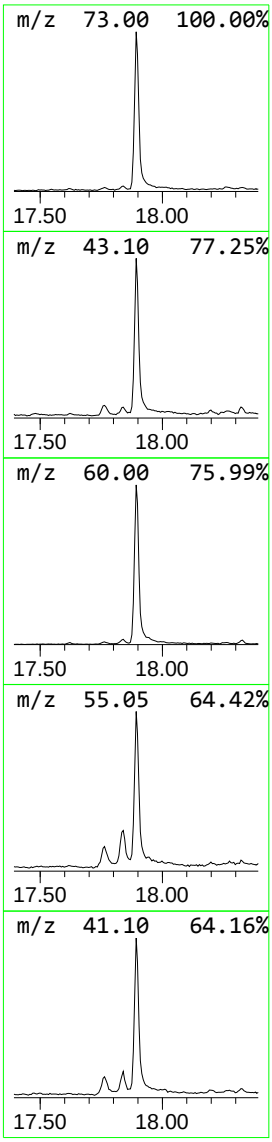
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	20.11 ng/ul	1617060	Phenanthrene-d10	16.951

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

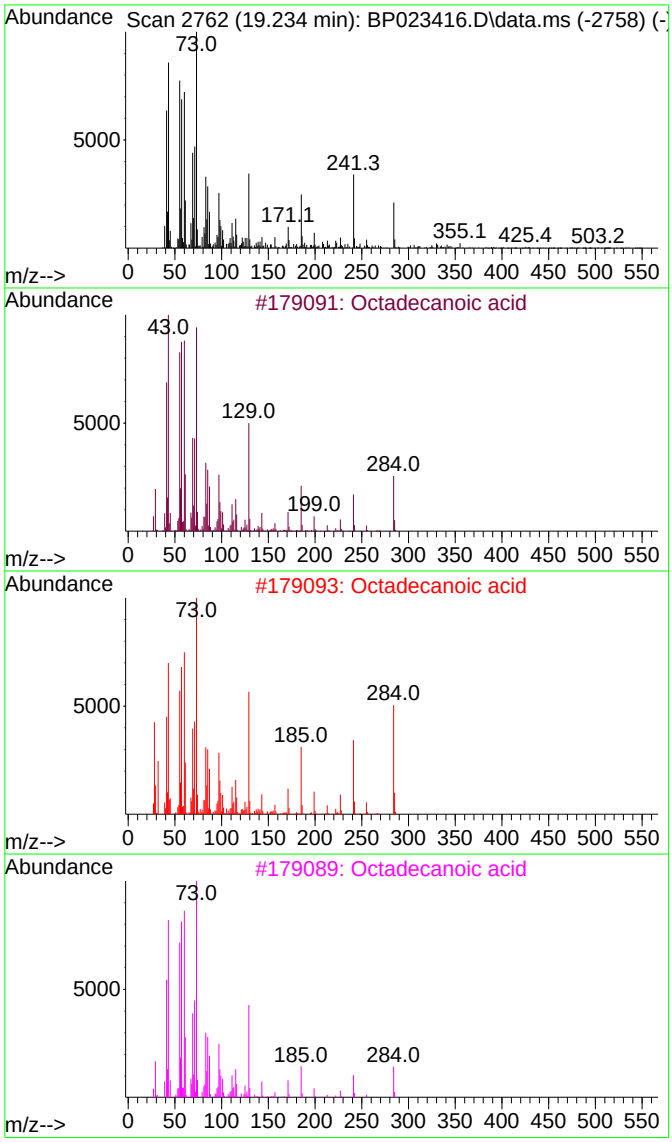
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

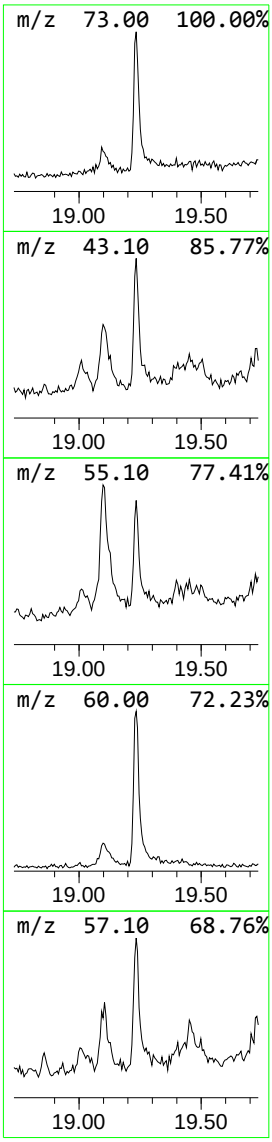
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.234	3.53 ng/ul	303850	Chrysene-d12	21.381

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

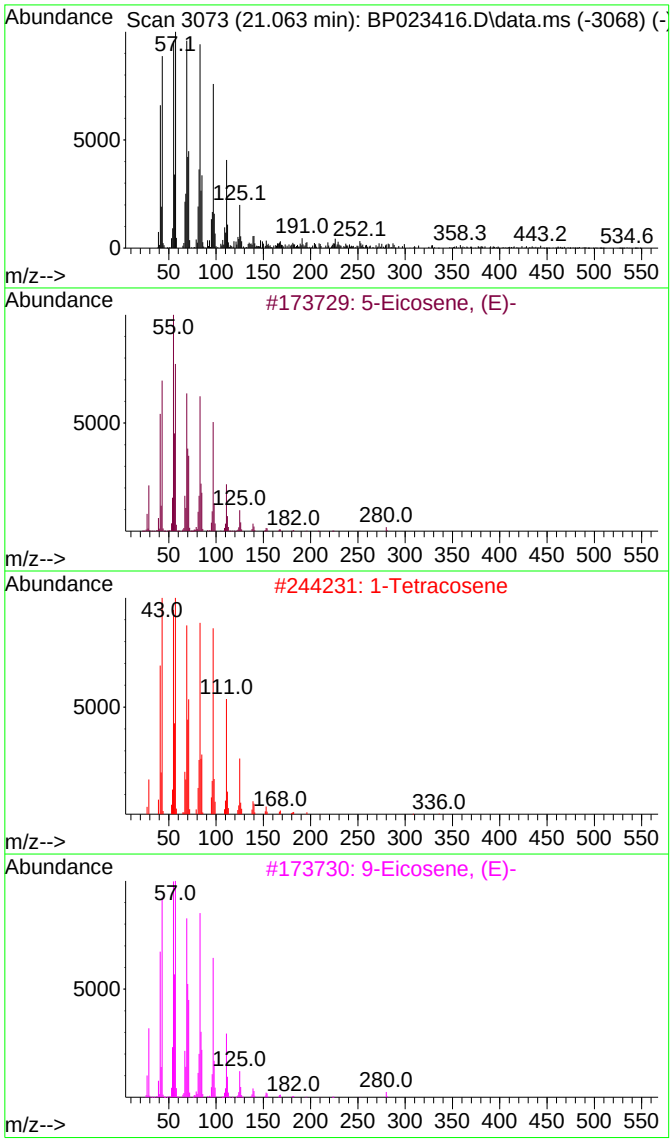
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

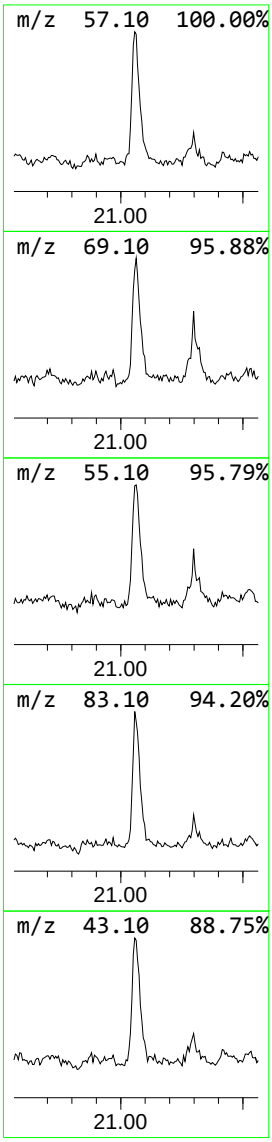
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	9.03 ng/ul	777829	Chrysene-d12	21.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

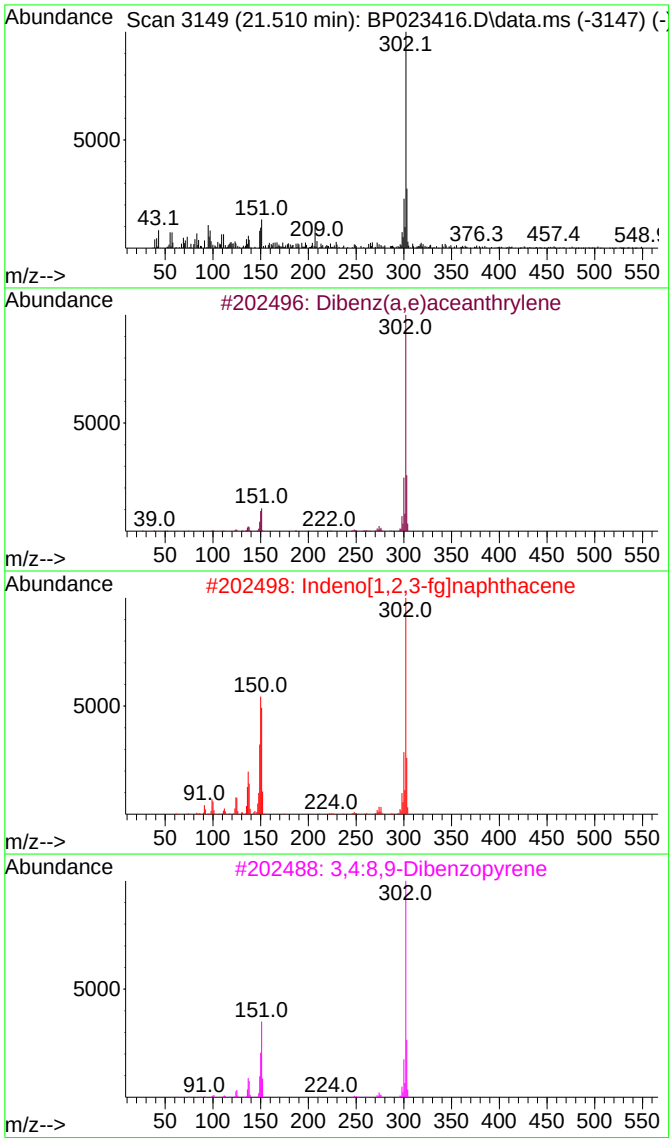
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

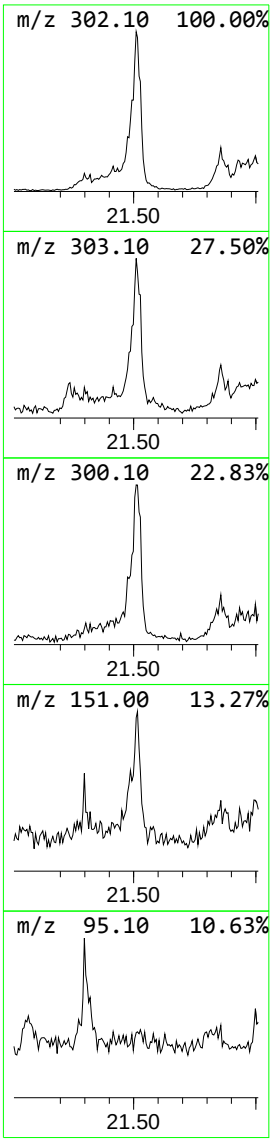
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Dibenz(a,e)aceanthrylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.510	2.98 ng/ul	256695	Chrysene-d12	21.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

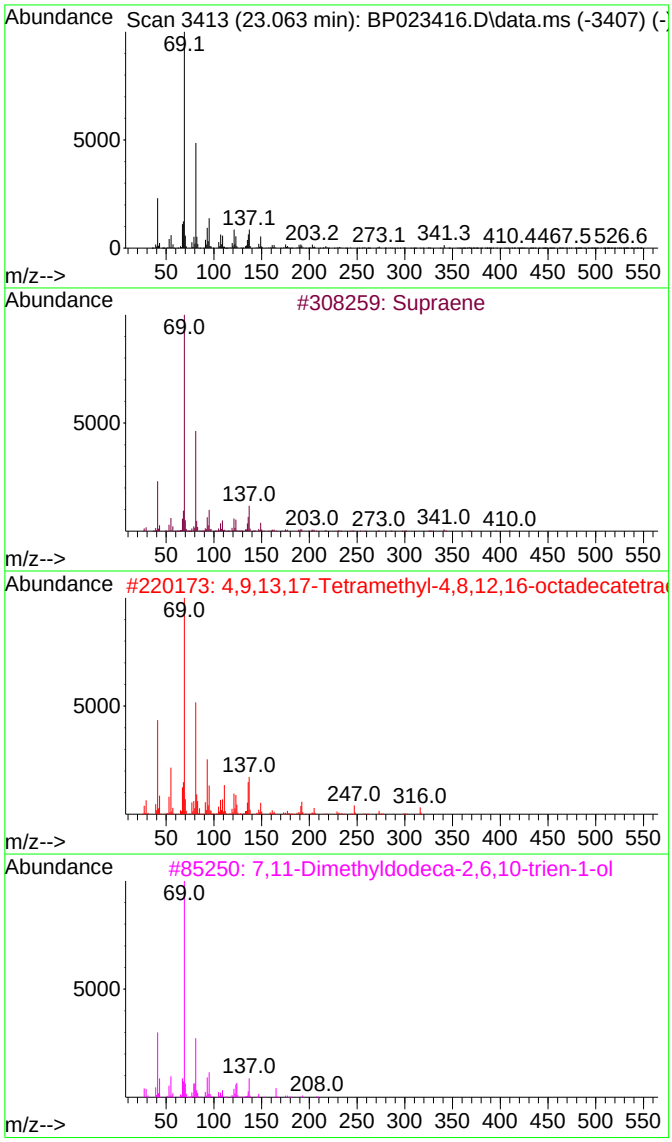
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

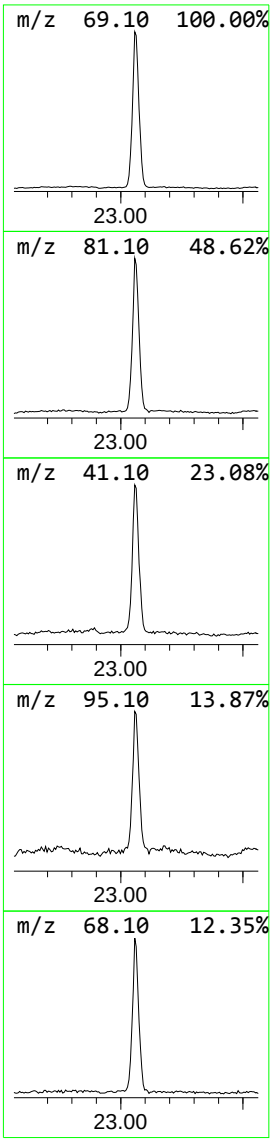
****

Peak Number 9 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.063	26.22 ng/ul	2178550	Perylene-d12	24.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	trans-Farnesol	222	C15H26O	000106-28-5	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023416.D
Acq On : 13 Dec 2024 12:09
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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
Benzophenone	15.534	7.5	ng/ul	488572	3	14.146	1296380	20.0
6-Octadecenoic ...	17.763	3.1	ng/ul	251800	4	16.951	1608540	20.0
Hexadecenoic ac...	17.840	2.9	ng/ul	231033	4	16.951	1608540	20.0
n-Hexadecanoic ...	17.892	20.1	ng/ul	1617060	4	16.951	1608540	20.0
Octadecanoic acid	19.234	3.5	ng/ul	303850	5	21.381	1722480	20.0
(DEL) Alkane: S...	21.063	9.0	ng/ul	777829	5	21.381	1722480	20.0
Dibenz(a,e)acea...	21.510	3.0	ng/ul	256695	5	21.381	1722480	20.0
Supraene	23.063	26.2	ng/ul	2178550	6	24.545	1661650	20.0