LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E2909

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: BP023565.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	14	17	24	rVB	23193	32308	1.12%	0.103%
2	3.646	106	112	113	rBV4	20774	33386	1.16%	0.106%
3	4.775	301	304	309	rVB7	9643	12610	0.44%	0.040%
4	5.569	437	439	444	rVB6	6096	8764	0.30%	0.028%
5	6.205	545	547	551	rVB4	8389	9595	0.33%	0.031%
6	6.664	620	625	631	rVB8	13159	28067	0.97%	0.089%
7	6.764	636	642	655	rBV	247727	610730	21.18%	1.942%
8	6.875	655	661	674	rVB	272376	483439	16.77%	1.538%
9	7.087	691	697	709	rVV	339013	593081	20.57%	1.886%
10	7.163	709	710	715	rVB4	10633	10406	0.36%	0.033%
11	7.399	745	750	752	rBV6	6013	8715	0.30%	0.028%
12	7.422	752	754	757	rVV4	8462	9531	0.33%	0.030%
13	7.481	760	764	765	rVV2	20043	25746	0.89%	0.082%
14	7.516	765	770	782	rVB	390311	654740	22.71%	2.082%
15	7.628	784	789	794	rVB6	15385	25577	0.89%	0.081%
16	7.722	802	805	809	rBV4	15138	20431	0.71%	0.065%
17	7.840	822	825	832	rVB9	4944	9283	0.32%	0.030%
18	8.028	853	857	864	rBV3	17845	40796	1.41%	0.130%
19	8.158	870	879	887	rBV6	21779	54498	1.89%	0.173%
20	8.263	889	897	910	rBV	268769	684520	23.74%	2.177%
21	8.581	948	951	959	rVB6	17660	37391	1.30%	0.119%
22	8.675	960	967	978	rBV	312450	611107	21.19%	1.944%
23	8.787	983	986	989	rVV4	10543	15797	0.55%	0.050%
24	8.834	989	994	1001	rVB8	21421	46602	1.62%	0.148%
25	8.946	1008	1013	1018	rVB9	9809	19477	0.68%	0.062%
26	9.052	1027	1031	1035	rVB7	13512	23246	0.81%	0.074%
27	9.116	1038	1042	1045	rBV5	12696	20838	0.72%	0.066%
28	9.246	1059	1064	1071	rVB3	24187	45103	1.56%	0.143%
29	9.387	1077	1088	1095	rBV	224877	470411	16.31%	1.496%
30	9.546	1110	1115	1121	rVB9	7951	17315	0.60%	0.055%
31	9.616	1123	1127	1131	rBV7	5944	11133	0.39%	0.035%
32	9.681	1133	1138	1146	rBV8	14175	44798	1.55%	0.142%
33	9.740	1146	1148	1152	rVV4	7176	11323	0.39%	0.036%
34	9.963	1178	1186	1208	rBV	260017	744054	25.80%	2.366%
35	10.128	1208	1214	1221	rVV2	57655	109747	3.81%	0.349%
36	10.275	1226	1239	1248	rBV	463402	802995	27.85%	2.554%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

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	10.469	1267	1272	1286	rBV2	61292	190237	6.60%	0.605%
38	10.746	1314	1319	1325	rVB10	6037	14381	0.50%	0.046%
39	10.840	1330	1335	1341	rBV5	13792	25596	0.89%	0.081%
40	11.110	1374	1381	1387	rBV5	11069	26743	0.93%	0.085%
41	11.657	1468	1474	1477	rBV	18174	37003	1.28%	0.118%
42	11.687	1477	1479	1483	rVV4	15007	20054	0.70%	0.064%
43	11.799	1493	1498	1506	rVB4	6201	12611	0.44%	0.040%
44	11.875	1508	1511	1517	rBV8	7106	12688	0.44%	0.040%
45	11.957	1517	1525	1529	rBV8	5158	12451	0.43%	0.040%
46	12.163	1550	1560	1567	rBV5	15448	44843	1.56%	0.143%
47	12.446	1602	1608	1615	rVV5	10094	28615	0.99%	0.091%
48	12.669	1640	1646	1650	rVB9	7031	12695	0.44%	0.040%
49	12.840	1672	1675	1686	rBV4	13329	31381	1.09%	0.100%
50	12.957	1690	1695	1702	rVV	13935	24228	0.84%	0.077%
51	13.463	1777	1781	1784	rVV6	5466	10065	0.35%	0.032%
52	13.522	1788	1791	1792	rVV2	8981	11112	0.39%	0.035%
53	13.563	1792	1798	1813	rVV	594644	998898	34.64%	3.177%
54	13.657	1813	1814	1819	rVB5	6503	8284	0.29%	0.026%
55	13.845	1836	1846	1858	rBV	792613	1273231	44.15%	4.050%
56	14.063	1878	1883	1886	rBV4	20991	39879	1.38%	0.127%
57	14.157	1892	1899	1907	rVB	682647	1028859	35.68%	3.272%
58	14.493	1950	1956	1966	rBV2	127397	345314	11.98%	1.098%
59	14.763	1997	2002	2007	rBV7	7114	16929	0.59%	0.054%
60	15.016	2040	2045	2049	rBV3	13470	19337	0.67%	0.062%
61	15.169	2065	2071	2088	rBV	901112	1405233	48.73%	4.469%
62	15.340	2094	2100	2110	rBV2	198514	359338	12.46%	1.143%
63	15.545	2129	2135	2140	rBV	665632	841931	29.20%	2.678%
64	15.587	2140	2142	2150	rVB	26148	44234	1.53%	0.141%
65	15.910	2190	2197	2204	rBV5	29471	73292	2.54%	0.233%
66	16.063	2218	2223	2225	rBV5	6747	12065	0.42%	0.038%
67	16.116	2225	2232	2238	rVB2	92685	153491	5.32%	0.488%
68	16.281	2258	2260	2265	rVV6	5451	10006	0.35%	0.032%
69	16.369	2271	2275	2278	rBV6	8511	11618	0.40%	0.037%
70	16.504	2293	2298	2299	rBV5	6384	9679	0.34%	0.031%
71	16.639	2314	2321	2322	rBV7	5527	11674	0.40%	0.037%
72	16.716	2332	2334	2338	rVB4	11337	11980	0.42%	0.038%
73	16.881	2357	2362	2367	rBV9	17974	32706	1.13%	0.104%
74	16.969	2369	2377	2382	rVV	857285	1252349	43.43%	3.983%
75	17.016	2382	2385	2389	rVV	75527	111883	3.88%	0.356%
76	17.069	2389	2394	2407	rVV	983715	1475392	51.16%	4.693%

LSC Area Percent Report

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Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E2909

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

77	17.169	2407	2411	2419	rVB	10576	24299	0.84%	0.077%
78	17.369	2442	2445	2446	rBV3	8483	9740	0.34%	0.031%
79	17.398	2446	2450	2458	rVB2	57130	80867	2.80%	0.257%
80	17.563	2474	2478	2486	rBV	54180	87371	3.03%	0.278%
81	17.775	2511	2514	2521	rVB8	20642	32491	1.13%	0.103%
82	17.845	2522	2526	2530	rBV2	42241	65404	2.27%	0.208%
83	17.904	2531	2536	2546	rBV	619564	877964	30.45%	2.792%
84	18.698	2666	2671	2678	rBV2	61085	113072	3.92%	0.360%
85	18.828	2690	2693	2697	rVB	134283	152951	5.30%	0.486%
86	18.928	2706	2710	2717	rVB	201104	258944	8.98%	0.824%
87	19.116	2734	2742	2749	rBV	409359	728143	25.25%	2.316%
88	19.180	2750	2753	2759	rVV	90065	134982	4.68%	0.429%
89	19.245	2759	2764	2777	rVB	248485	427415	14.82%	1.359%
90	19.457	2795	2800	2807	rBV	1086259	2001004	69.39%	6.364%
91	19.522	2807	2811	2828	rVB	2049149	2883617	100.00%	9.171%
92	20.222	2927	2930	2934	rBV	151125	200528	6.95%	0.638%
93	20.345	2949	2951	2955	rVB2	67018	63777	2.21%	0.203%
94	20.439	2965	2967	2973	rVB	127769	145250	5.04%	0.462%
95	20.551	2983	2986	2991	rVB	142585	190607	6.61%	0.606%
96	21.069	3070	3074	3082	rBV2	245656	436264	15.13%	1.388%
97	21.398	3124	3130	3137	rBV2	1044112	1910170	66.24%	6.075%
98	22.780	3361	3365	3379	rVB	233136	553366	19.19%	1.760%
99	24.374	3629	3636	3645	rBV	795855	1748284	60.63%	5.560%
100	24.598	3666	3674	3689	rVB2	559564	1864997	64.68%	5.932%

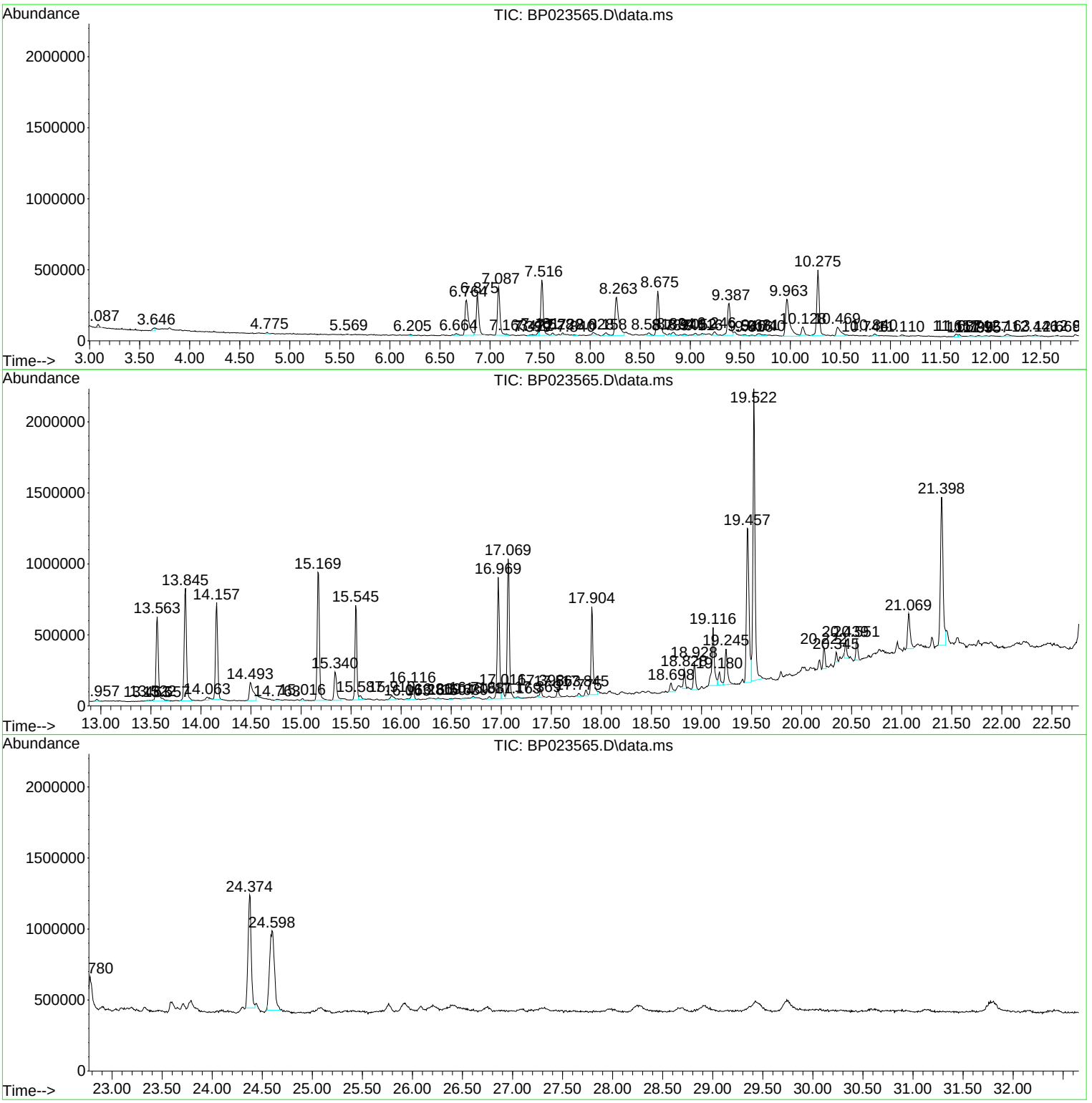
Sum of corrected areas: 31441372

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

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\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

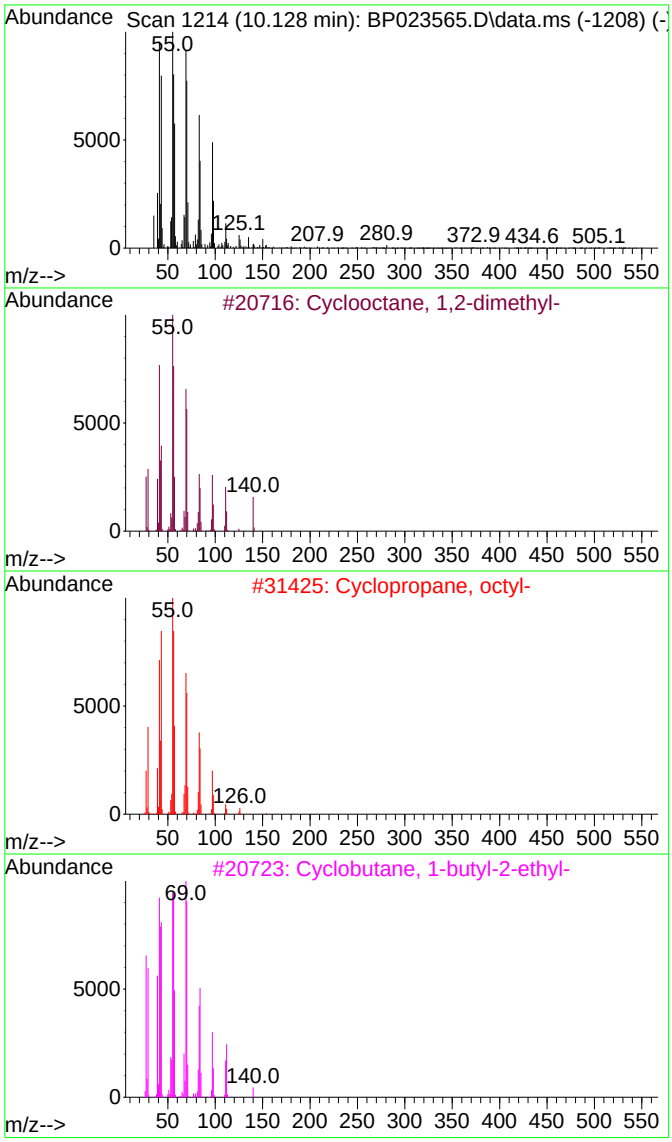
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

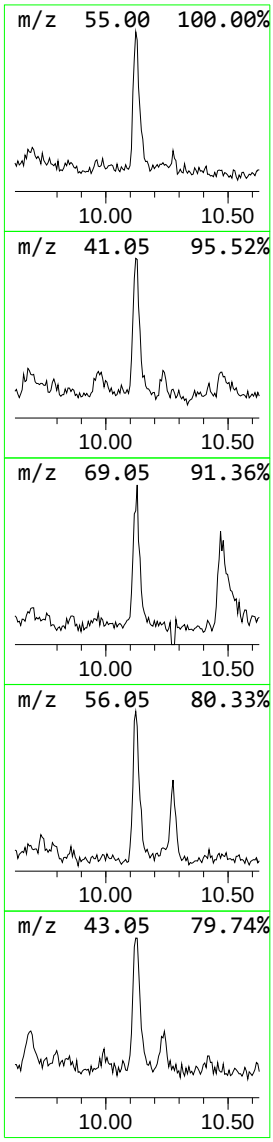
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic10.128 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	2.73 ng/ul	109747	Naphthalene-d8	10.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	91
2	Cyclopropane, octyl-	154	C11H22	001472-09-9	87
3	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	72
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	72
5	1-Dodecene	168	C12H24	000112-41-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

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

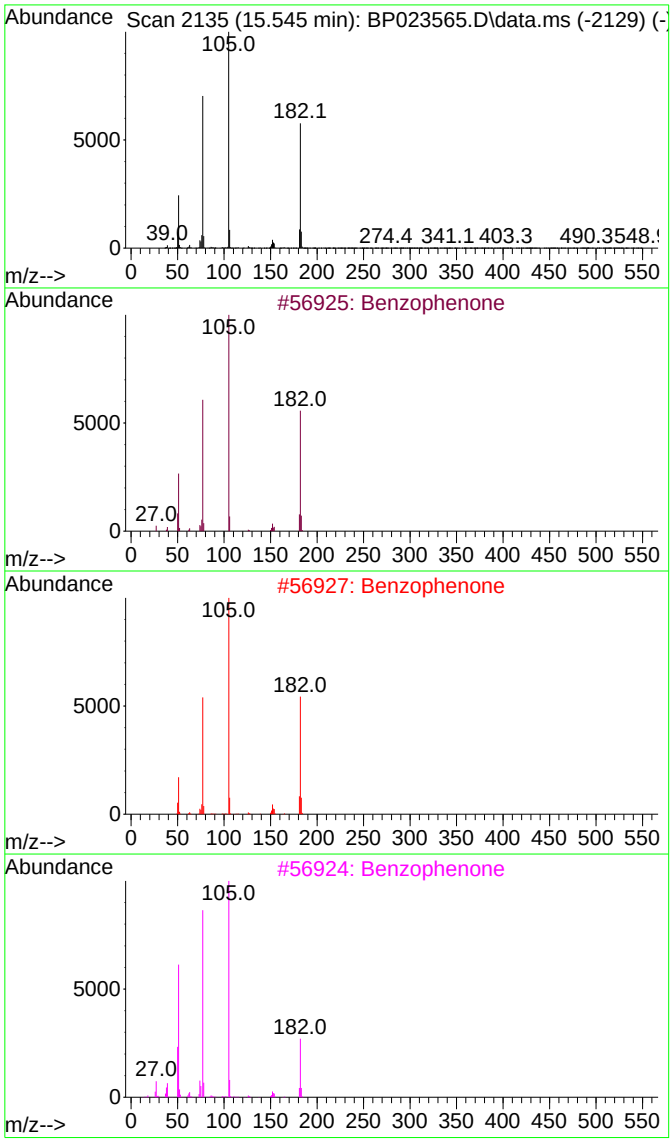
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

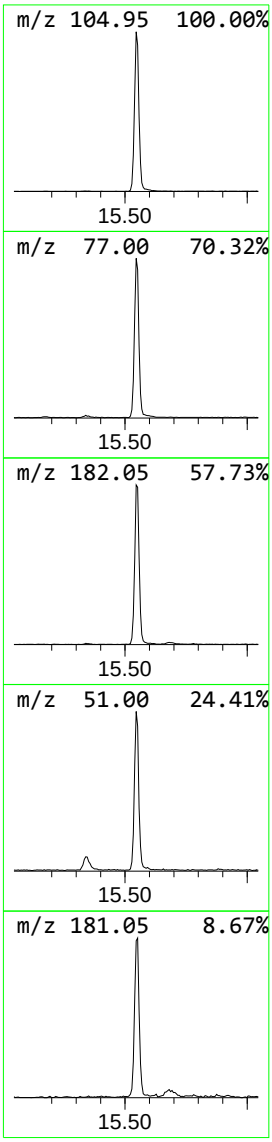
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	16.37 ng/ul	841931	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

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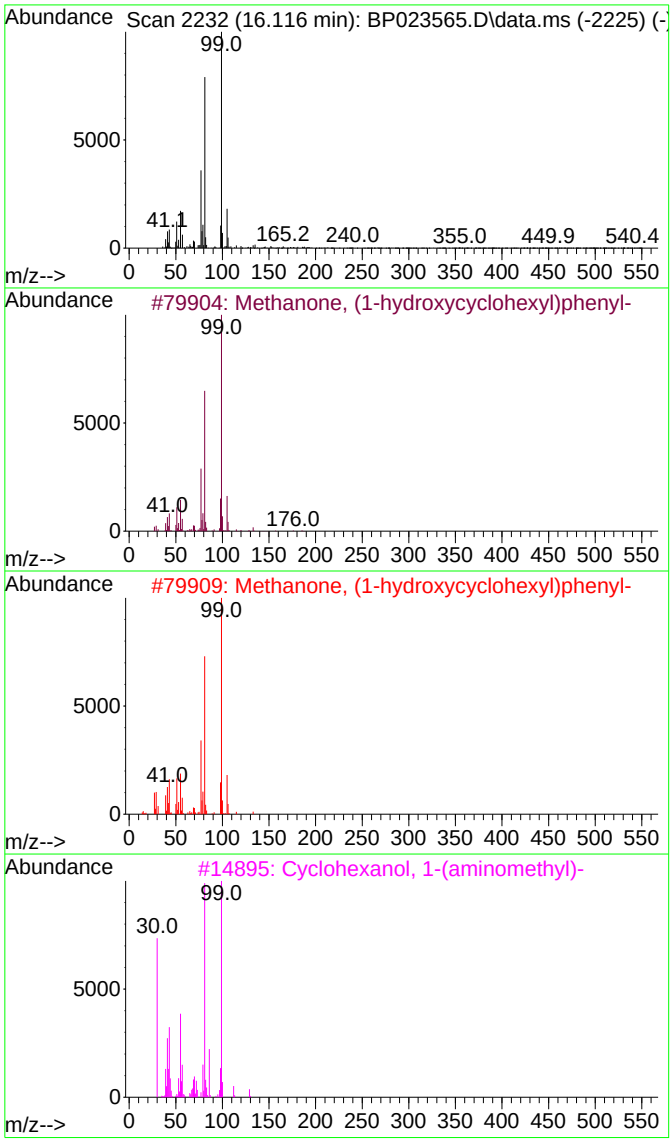
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

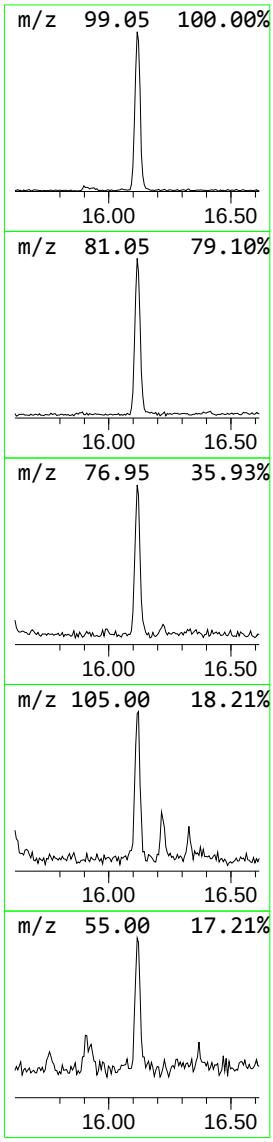
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methanone, (1-hydroxycycloh... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	2.45 ng/ul	153491	Phenanthrene-d10	16.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	90
2	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	90
3	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	64
4	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	64
5	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

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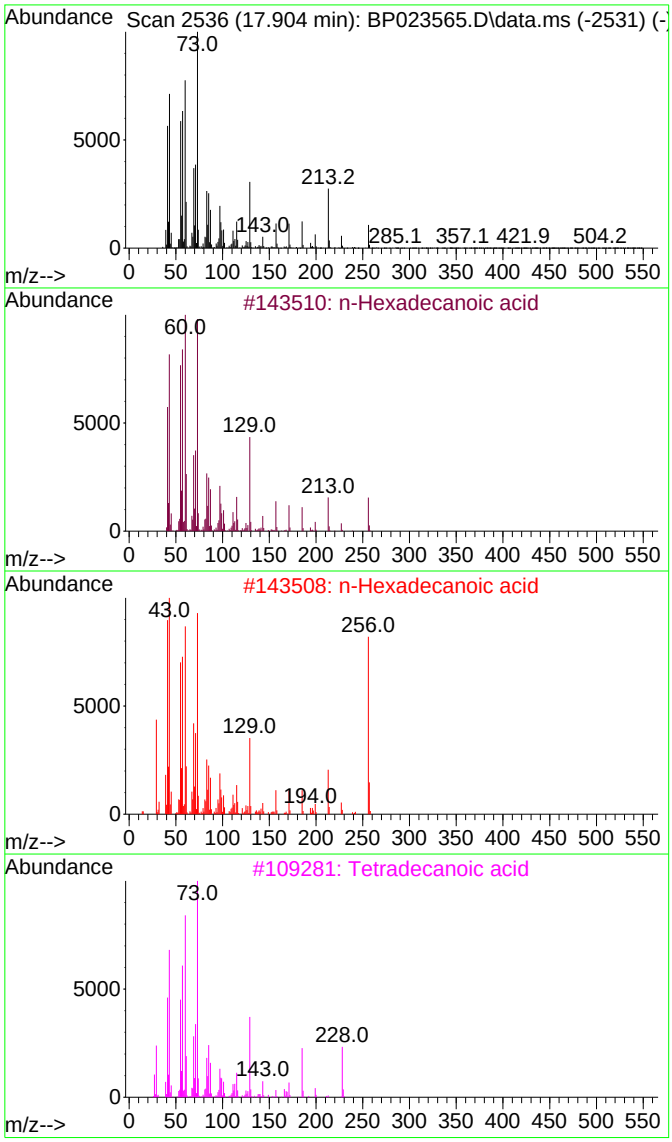
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

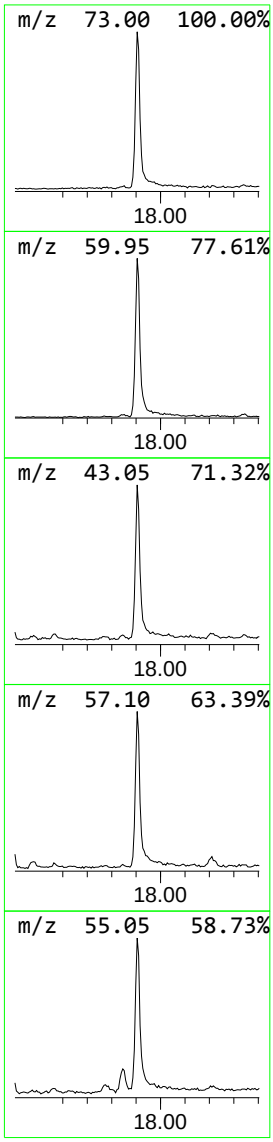
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	14.02 ng/ul	877964	Phenanthrene-d10	16.969

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

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

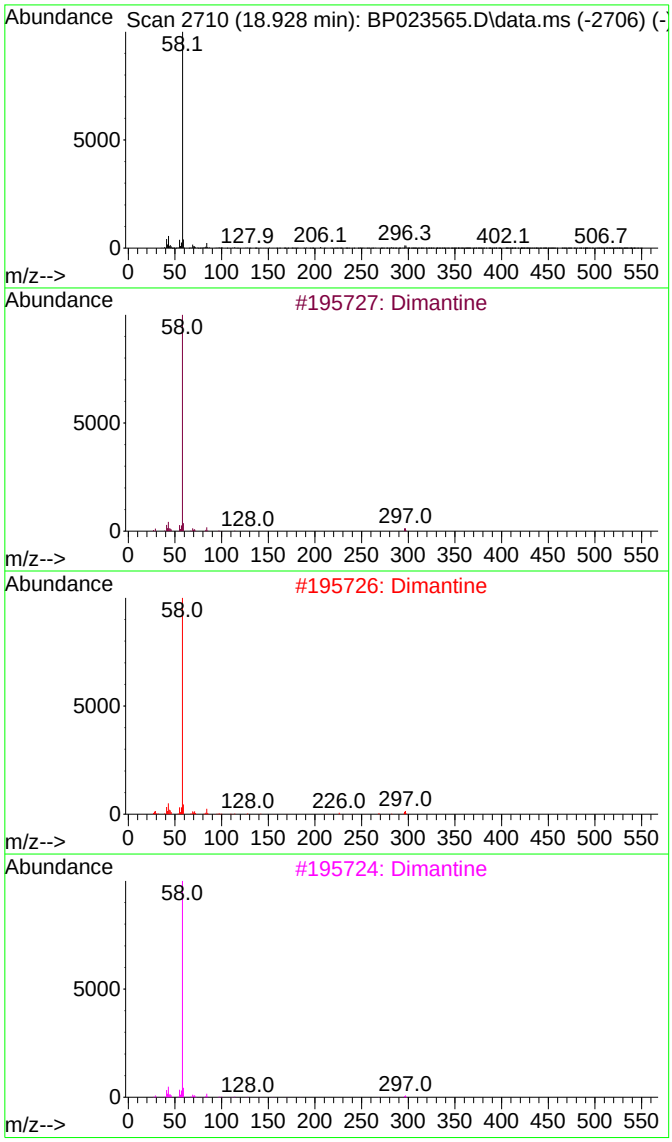
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

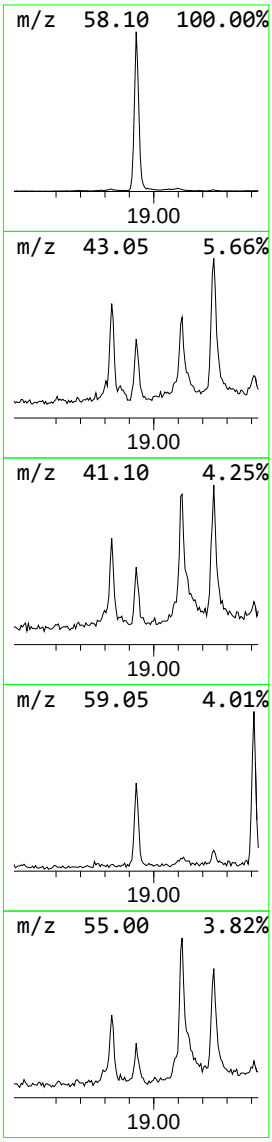
****

Peak Number 6 Dimantine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	4.14 ng/ul	258944	Phenanthrene-d10	16.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimantine	297	C20H43N	000124-28-7	94
2	Dimantine	297	C20H43N	000124-28-7	91
3	Dimantine	297	C20H43N	000124-28-7	90
4	Dimethyl palmitamine	269	C18H39N	000112-69-6	72
5	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

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

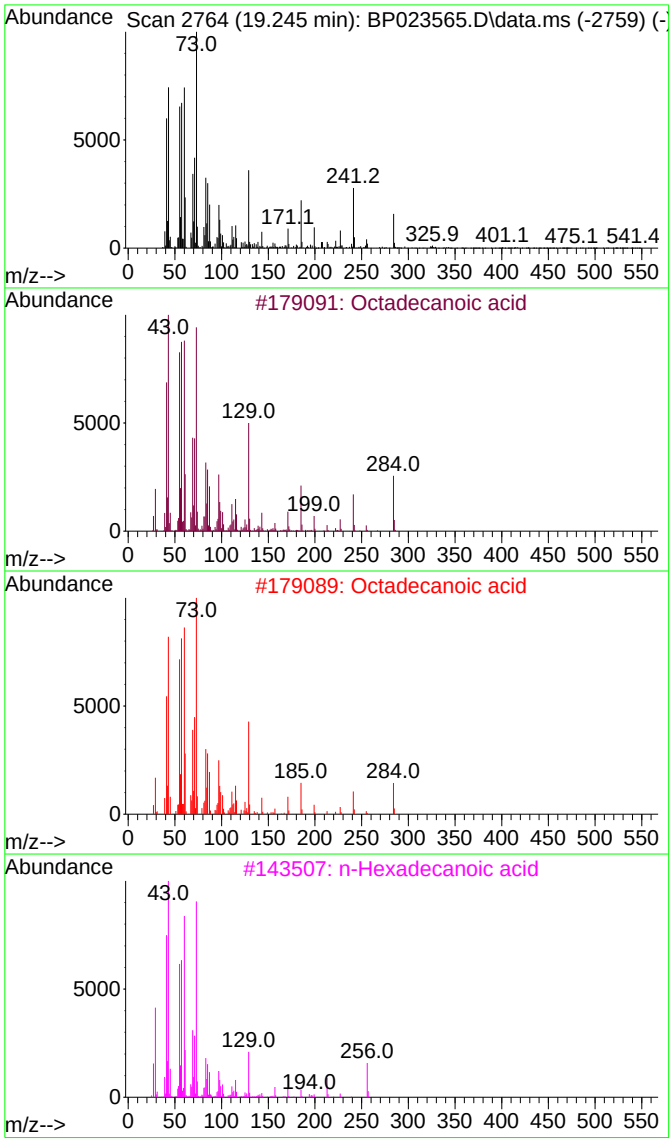
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

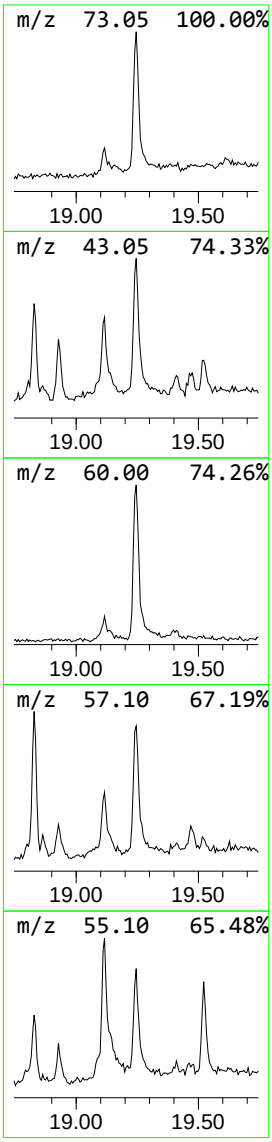
****

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	4.48 ng/ul	427415	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

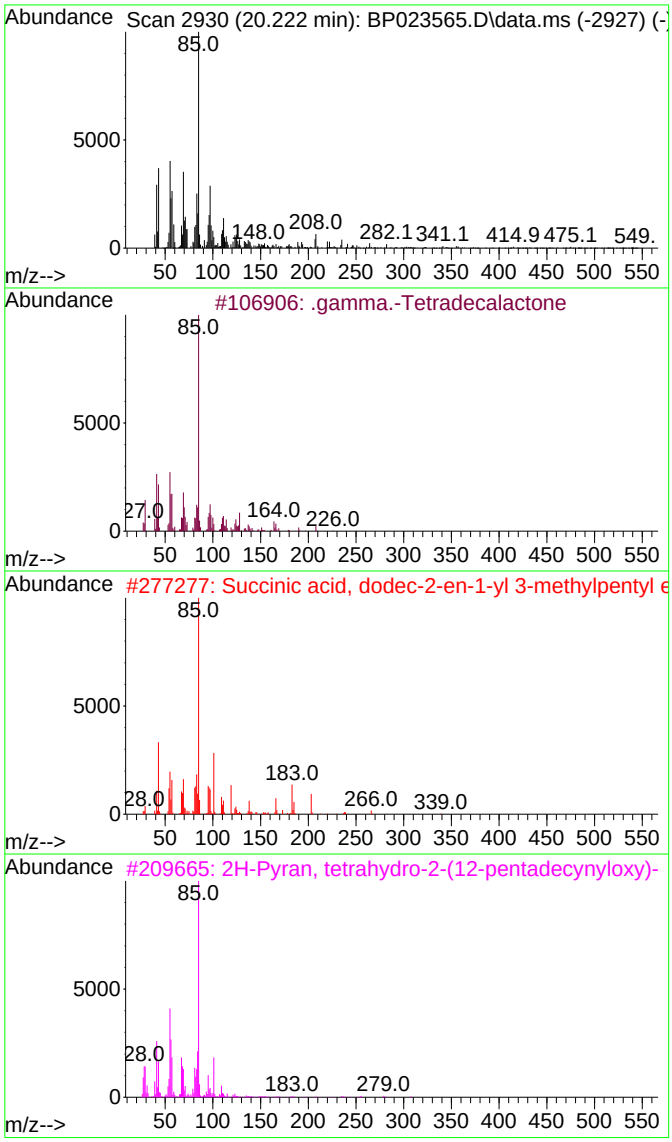
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

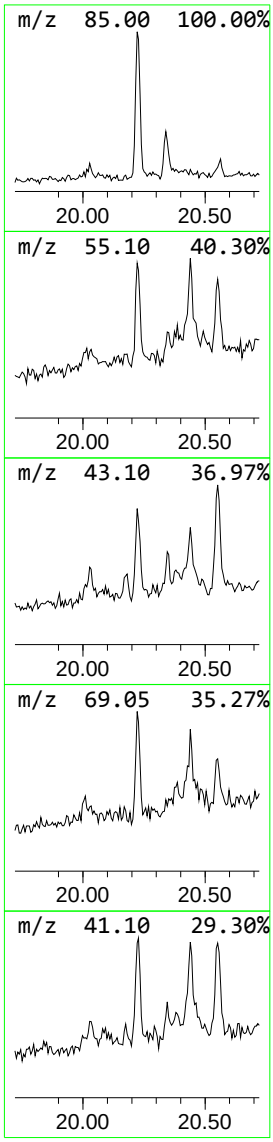
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 .gamma.-Tetradecalactone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.222	2.10 ng/ul	200528	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tetradecalactone	226	C14H26O2	002721-23-5	90
2	Succinic acid, dodec-2-en-1-yl 3...	368	C22H40O4	1000390-65-6	64
3	2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	60
4	2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	49
5	2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

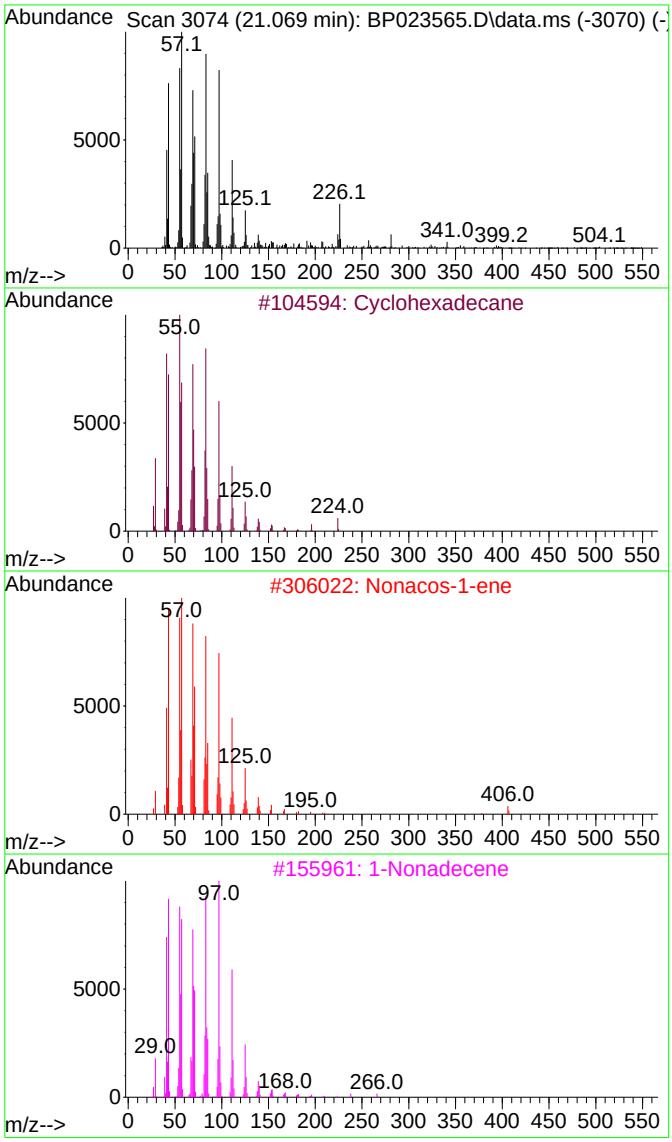
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

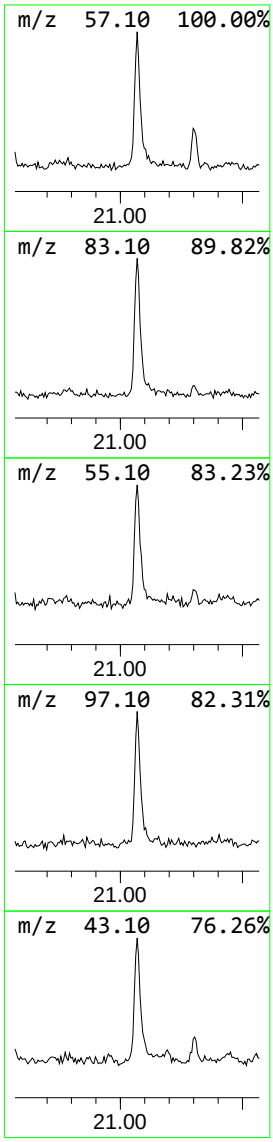
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic21.069 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	4.57 ng/ul	436264	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Nonacos-1-ene	406	C29H58	018835-35-3	93
3	1-Nonadecene	266	C19H38	018435-45-5	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023565.D
Acq On : 23 Dec 2024 16:22
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2909

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
(DEL) Alkane: C...	10.128	2.7	ng/ul	109747	2	10.275	802995	20.0
Benzophenone	15.545	16.4	ng/ul	841931	3	14.157	1028860	20.0
Methanone, (1-h...	16.116	2.5	ng/ul	153491	4	16.969	1252350	20.0
n-Hexadecanoic ...	17.904	14.0	ng/ul	877964	4	16.969	1252350	20.0
Dimantine	18.928	4.1	ng/ul	258944	4	16.969	1252350	20.0
Octadecanoic acid	19.245	4.5	ng/ul	427415	5	21.398	1910170	20.0
.gamma.-Tetrade...	20.222	2.1	ng/ul	200528	5	21.398	1910170	20.0
(DEL) Alkane: C...	21.069	4.6	ng/ul	436264	5	21.398	1910170	20.0