LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A46M1

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-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016284.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.758	95	97	106	rVV	79967	179488	2.64%	0.217%
2	3.834	107	110	117	rVB	33871	58247	0.86%	0.070%
3	4.299	182	189	199	rVB2	105630	201689	2.97%	0.244%
4	4.587	233	238	243	rBV	139832	231082	3.40%	0.280%
5	5.358	363	369	375	rBV	96149	167491	2.47%	0.203%
6	5.546	394	401	414	rBV	77980	221262	3.26%	0.268%
7	5.781	435	441	444	rBV	212172	333689	4.91%	0.404%
8	5.822	444	448	455	rVV	756692	1323768	19.49%	1.602%
9	5.887	455	459	470	rVB3	135552	368597	5.43%	0.446%
10	6.187	503	510	518	rVB	227789	370824	5.46%	0.449%
11	6.569	569	575	598	rVV	1518518	3006205	44.25%	3.637%
12	7.158	670	675	693	rBV	177701	670300	9.87%	0.811%
13	7.293	693	698	713	rVB	201727	429481	6.32%	0.520%
14	7.493	726	732	757	rVB2	273125	728369	10.72%	0.881%
15	7.681	759	764	771	rBV2	42581	83934	1.24%	0.102%
16	7.952	803	810	822	rBV	618757	1313622	19.34%	1.589%
17	8.046	822	826	837	rVB	129522	308280	4.54%	0.373%
18	8.134	837	841	844	rBV2	59089	100445	1.48%	0.122%
19	8.263	856	863	877	rVB	4075349	6793410	100.00%	8.219%
20	8.599	914	920	926	rVB4	27993	62843	0.93%	0.076%
21	8.658	926	930	940	rVB4	45336	99642	1.47%	0.121%
22	8.758	940	947	954	rBV4	118435	348462	5.13%	0.422%
23	8.834	955	960	970	rVV2	192173	509076	7.49%	0.616%
24	8.940	973	978	986	rVV	220609	404637	5.96%	0.490%
25	9.169	1008	1017	1026	rBV	237636	606154	8.92%	0.733%
26	9.269	1029	1034	1044	rVB3	112372	233666	3.44%	0.283%
27	9.652	1094	1099	1108	rVB4	31243	60282	0.89%	0.073%
28	9.899	1135	1141	1157	rBV4	135692	516271	7.60%	0.625%
29	10.446	1225	1234	1237	rBV2	47038	106299	1.56%	0.129%
30	10.499	1237	1243	1271	rVB3	142059	673555	9.91%	0.815%
31	10.710	1271	1279	1283	rBV3	70515	145730	2.15%	0.176%
32	10.775	1283	1290	1307	rVB	810943	1882691	27.71%	2.278%
33	12.163	1519	1526	1532	rBV	59918	128296	1.89%	0.155%
34	12.716	1611	1620	1627	rVB2	64540	127472	1.88%	0.154%
35	12.798	1628	1634	1637	rBV3	42142	76183	1.12%	0.092%
36	12.834	1637	1640	1647	rVB4	45233	77553	1.14%	0.094%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

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-BP071223.MA.M
Title : SVOA CALIBRATION

37	13.398	1730	1736	1741	rVV	115112	166915	2.46%	0.202%
38	14.028	1838	1843	1852	rBV	817704	1455382	21.42%	1.761%
39	14.304	1878	1890	1903	rBV	1042003	1939817	28.55%	2.347%
40	14.469	1913	1918	1926	rVB	118428	167435	2.46%	0.203%
41	14.604	1935	1941	1949	rVV	1824191	2994411	44.08%	3.623%
42	14.675	1949	1953	1971	rVB	139483	340747	5.02%	0.412%
43	14.916	1989	1994	1999	rBV2	49693	92374	1.36%	0.112%
44	15.004	1999	2009	2011	rBV9	96449	296823	4.37%	0.359%
45	15.298	2055	2059	2067	rVB10	26141	57523	0.85%	0.070%
46	15.422	2076	2080	2093	rVB2	148494	286190	4.21%	0.346%
47	15.610	2106	2112	2120	rBV	1155958	2133666	31.41%	2.581%
48	15.828	2142	2149	2154	rBV4	144864	328737	4.84%	0.398%
49	15.928	2163	2166	2171	rVB3	45781	66559	0.98%	0.081%
50	15.992	2172	2177	2182	rVV2	145681	228759	3.37%	0.277%
51	16.151	2197	2204	2212	rBV2	50722	167658	2.47%	0.203%
52	16.287	2220	2227	2234	rBV2	132698	296659	4.37%	0.359%
53	16.539	2266	2270	2274	rBV4	40329	57609	0.85%	0.070%
54	16.681	2292	2294	2299	rVB2	60503	78790	1.16%	0.095%
55	17.081	2358	2362	2365	rBV	150436	205832	3.03%	0.249%
56	17.122	2365	2369	2374	rVV2	191088	353619	5.21%	0.428%
57	17.198	2378	2382	2386	rVV	114554	184320	2.71%	0.223%
58	17.245	2386	2390	2400	rVB	71341	150277	2.21%	0.182%
59	17.369	2405	2411	2415	rBV	2687010	3877431	57.08%	4.691%
60	17.416	2415	2419	2425	rVV	1506151	2362595	34.78%	2.858%
61	17.481	2425	2430	2450	rVB2	997722	2156641	31.75%	2.609%
62	17.822	2485	2488	2493	rVV2	140752	175045	2.58%	0.212%
63	17.869	2493	2496	2503	rVB2	123533	182625	2.69%	0.221%
64	17.969	2509	2513	2516	rBV	90045	145809	2.15%	0.176%
65	18.004	2516	2519	2524	rVB	200428	251480	3.70%	0.304%
66	18.233	2552	2558	2565	rBV3	1494818	2358986	34.72%	2.854%
67	18.298	2565	2569	2580	rVB2	431774	771829	11.36%	0.934%
68	18.433	2587	2592	2596	rBV2	450515	705482	10.38%	0.854%
69	18.475	2596	2599	2606	rVB2	250721	455581	6.71%	0.551%
70	18.728	2638	2642	2648	rBV2	195718	354507	5.22%	0.429%
71	18.957	2679	2681	2684	rVB2	78034	80011	1.18%	0.097%
72	19.128	2703	2710	2714	rBV3	311022	564020	8.30%	0.682%
73	19.263	2728	2733	2735	rBV3	156401	262865	3.87%	0.318%
74	19.322	2739	2743	2745	rVV	618750	820421	12.08%	0.993%
75	19.380	2746	2753	2761	rVV	1831647	3675640	54.11%	4.447%
76	19.457	2762	2766	2774	rVB3	435897	689874	10.16%	0.835%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A46M1

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-BP071223.MA.M
Title : SVOA CALIBRATION

77	19.710	2804	2809	2812	rBV	2296495	3569317	52.54%	4.318%
78	19.739	2812	2814	2820	rVB	1195335	1464247	21.55%	1.772%
79	19.822	2825	2828	2832	rVB4	111692	151689	2.23%	0.184%
80	19.928	2843	2846	2849	rBV	69276	70907	1.04%	0.086%
81	20.063	2864	2869	2876	rVB4	163746	336290	4.95%	0.407%
82	20.186	2886	2890	2892	rBV4	179801	262370	3.86%	0.317%
83	20.227	2894	2897	2904	rVB	363944	520960	7.67%	0.630%
84	20.322	2910	2913	2917	rBV	272448	344205	5.07%	0.416%
85	20.386	2920	2924	2933	rVB2	202198	448814	6.61%	0.543%
86	20.516	2943	2946	2951	rBV	168092	261778	3.85%	0.317%
87	20.569	2952	2955	2960	rVB	184196	247553	3.64%	0.300%
88	20.663	2969	2971	2974	rBV	82139	71655	1.05%	0.087%
89	21.122	3046	3049	3051	rBV3	238051	287412	4.23%	0.348%
90	21.157	3051	3055	3059	rVB4	304098	524051	7.71%	0.634%
91	21.327	3081	3084	3092	rVB2	451374	536296	7.89%	0.649%
92	21.469	3101	3108	3112	rBV2	3384729	5625476	82.81%	6.806%
93	21.510	3112	3115	3121	rVB	707373	1146774	16.88%	1.387%
94	22.027	3199	3203	3207	rBV	337727	447212	6.58%	0.541%
95	22.551	3286	3292	3301	rBV	1482340	2326687	34.25%	2.815%
96	23.098	3380	3385	3388	rBV	668585	1006106	14.81%	1.217%
97	23.145	3388	3393	3398	rVB	1107737	1790765	26.36%	2.167%
98	23.204	3399	3403	3408	rBV	281122	550893	8.11%	0.667%
99	23.798	3499	3504	3511	rBV	580361	1094827	16.12%	1.325%
100	23.957	3524	3531	3543	rBV	1967799	4676895	68.84%	5.658%

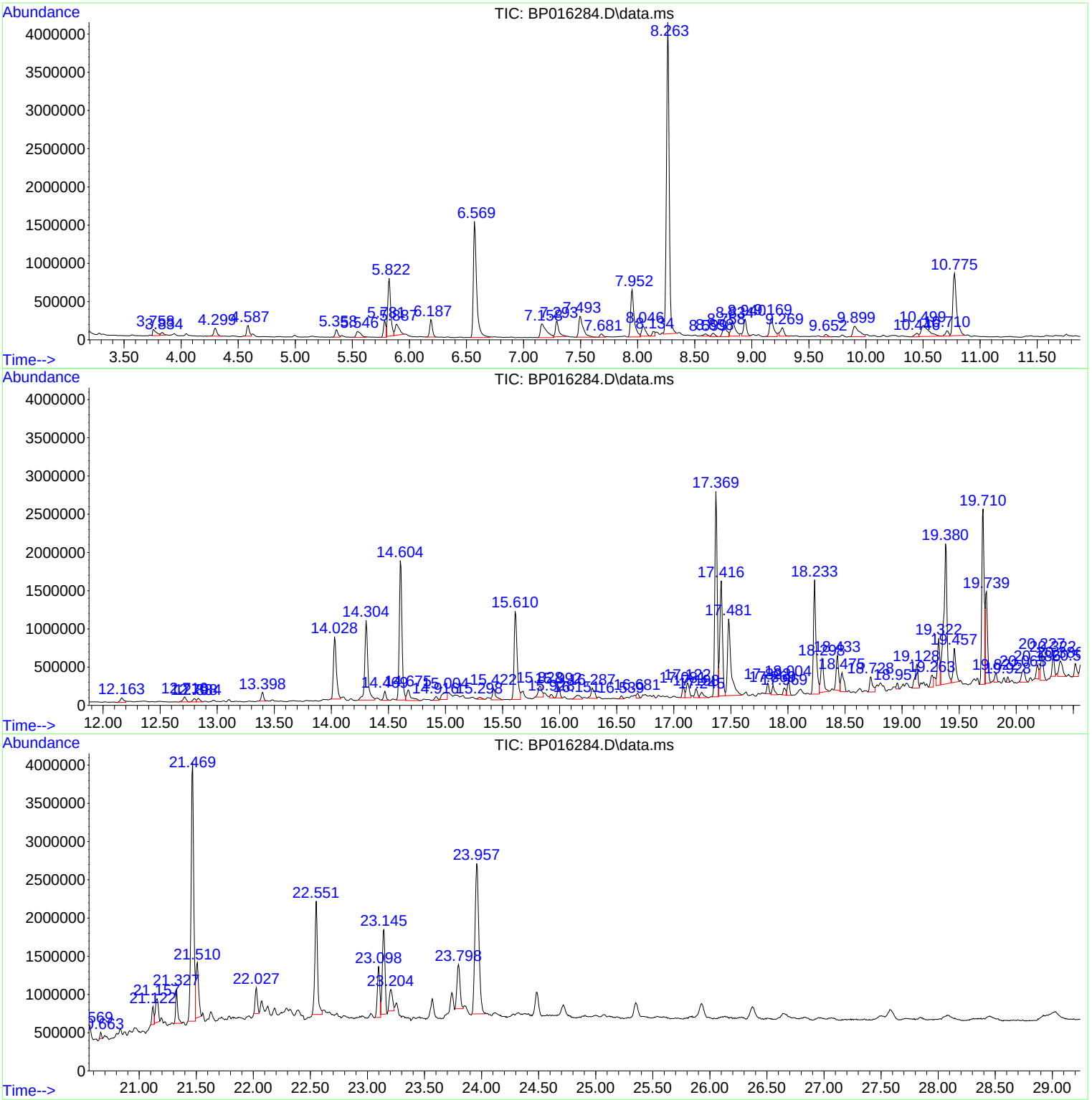
Sum of corrected areas: 82653118

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.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\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

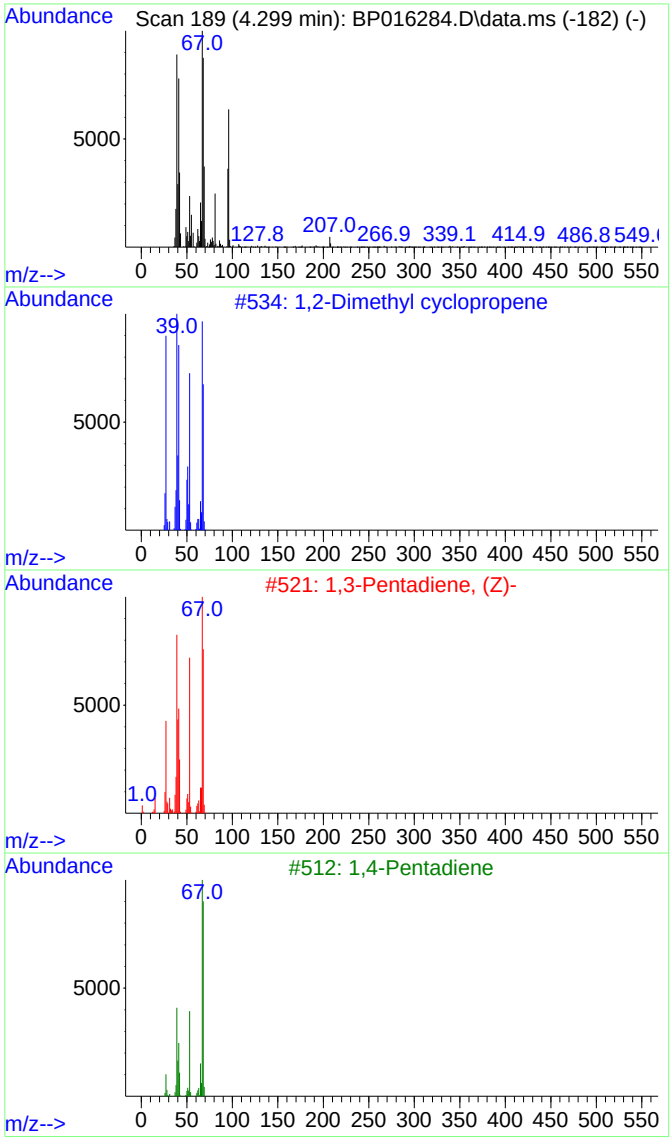
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

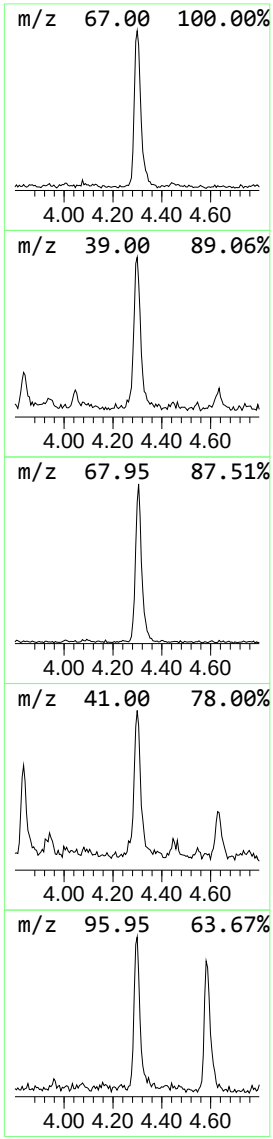
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,2-Dimethyl cyclopropene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.299	3.07 ng/ul	201689	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	83
2	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	80
3	1,4-Pentadiene	68	C5H8	000591-93-5	72
4	1,3-Pentadiene	68	C5H8	000504-60-9	64
5	2H-Pyran-2-one	96	C5H4O2	000504-31-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

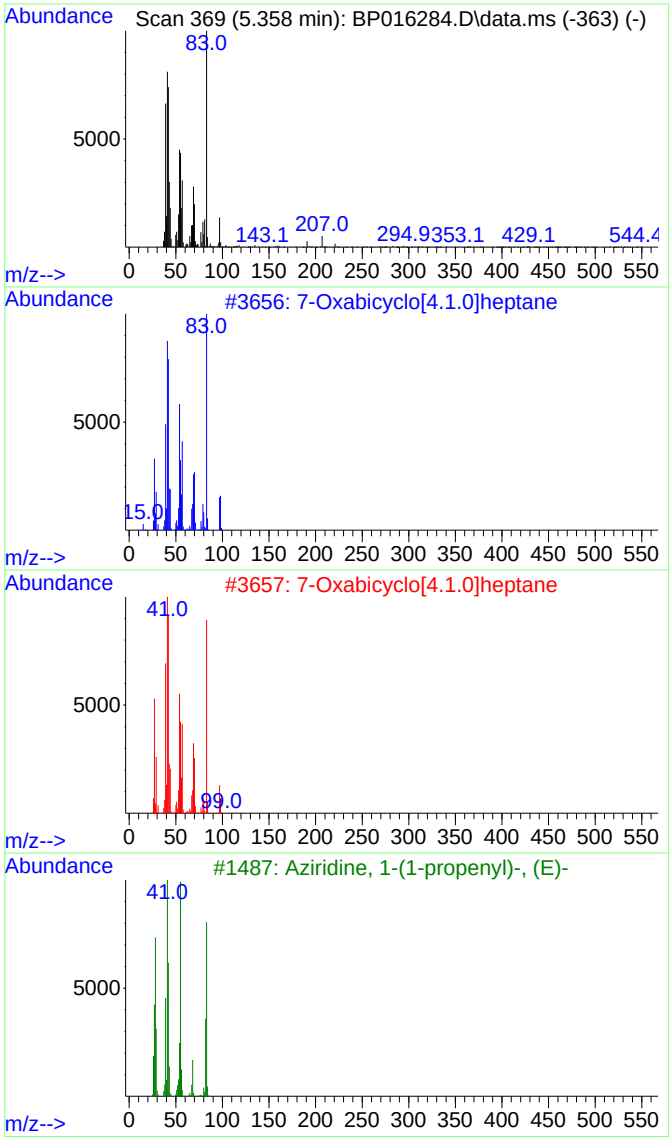
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

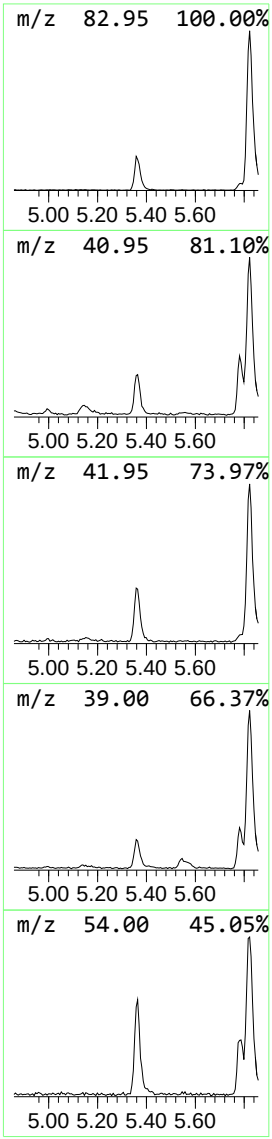
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7-Oxabicyclo[4.1.0]heptane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.358	2.55 ng/ul	167491	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	72
2	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	72
3	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	64
4	1,3-Benzodioxol-2-one, hexahydro...	142	C7H10O3	019456-20-3	47
5	Furazan, 3-(dimethylaminomethyle...	207	C7H9N7O	294667-75-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

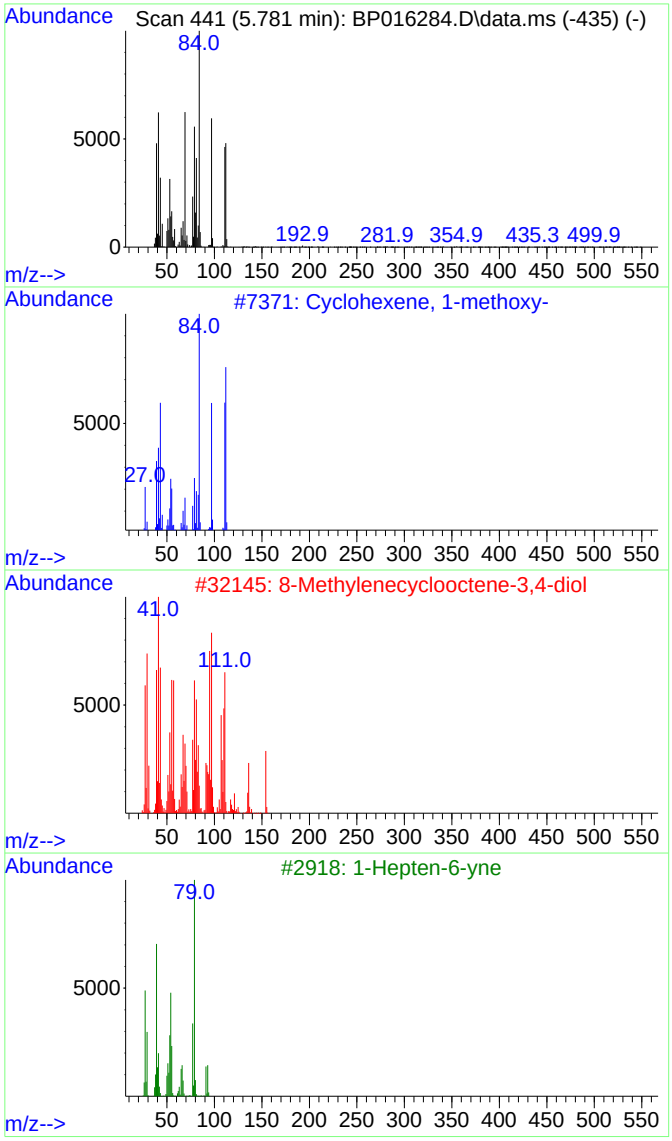
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

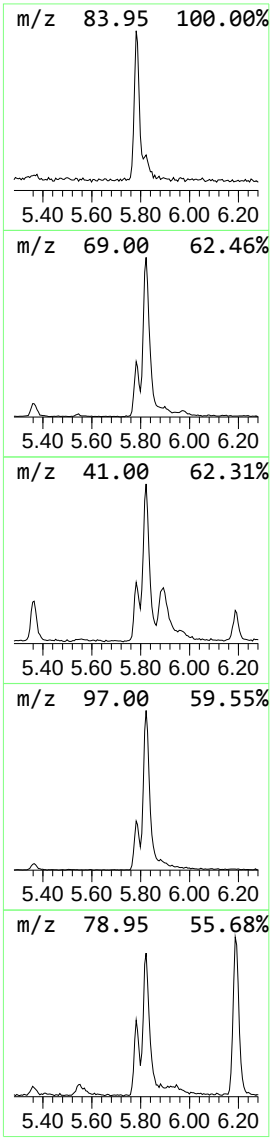
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	5.08 ng/ul	333689	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methoxy-	112	C7H12O	000931-57-7	38
2	8-Methylenecyclooctene-3,4-diol	154	C9H14O2	1000211-26-9	22
3	1-Hepten-6-yne	94	C7H10	065939-59-5	22
4	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	22
5	2-Cyclohexen-1-one, 3-ethoxy-5,5...	168	C10H16O2	006267-39-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

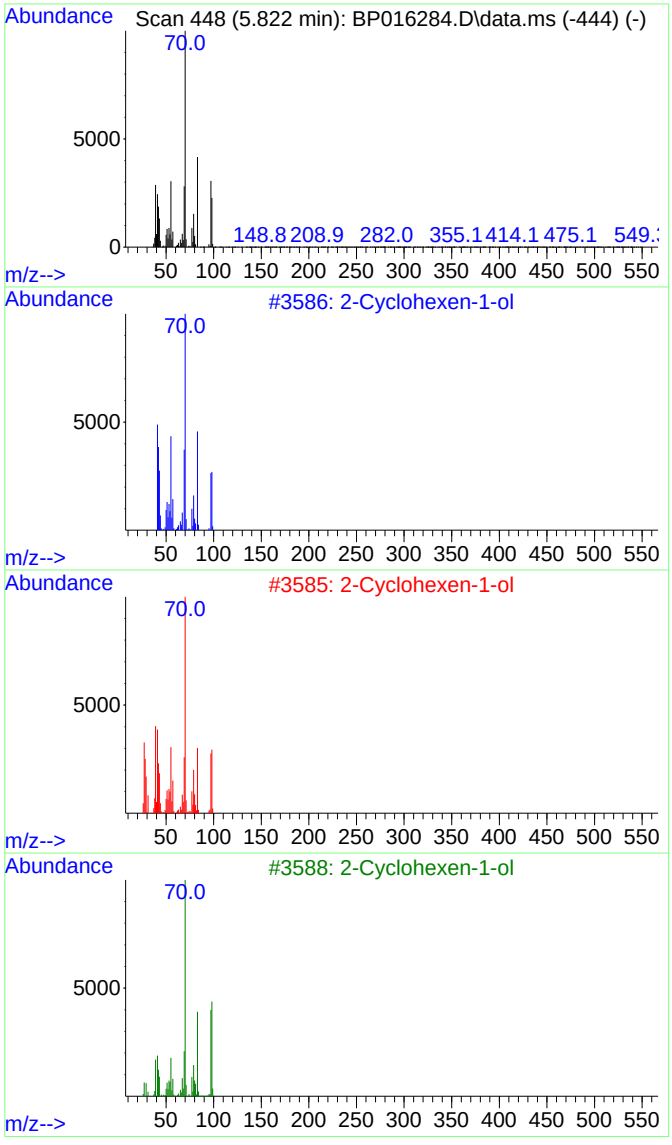
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

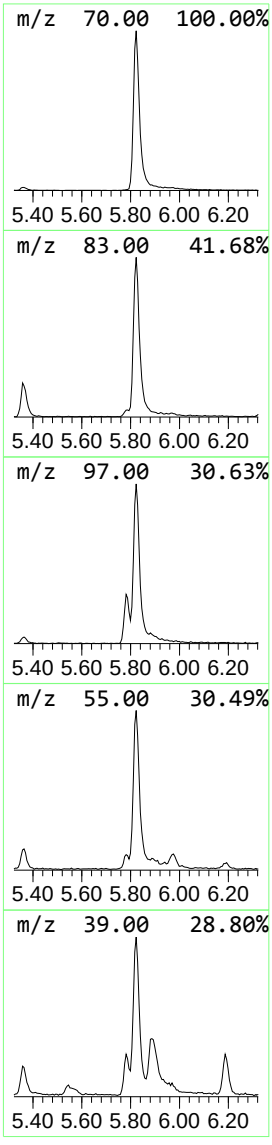
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Cyclohexen-1-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.822	20.15 ng/ul	1323770	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	62
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	47
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
5	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

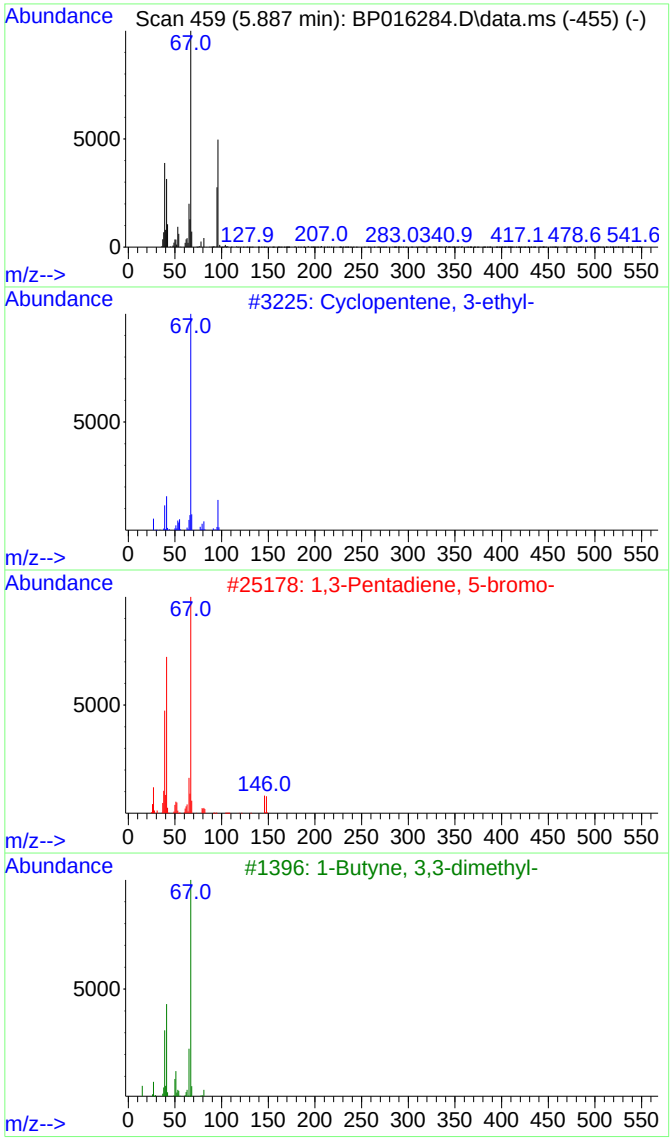
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

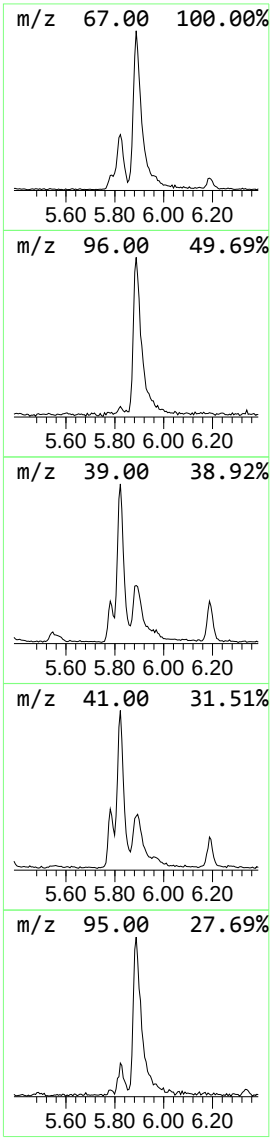
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.887	5.61 ng/ul	368597	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	38
2	1,3-Pentadiene, 5-bromo-	146	C5H7Br	001001-93-0	35
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	35
4	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	32
5	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	28





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Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

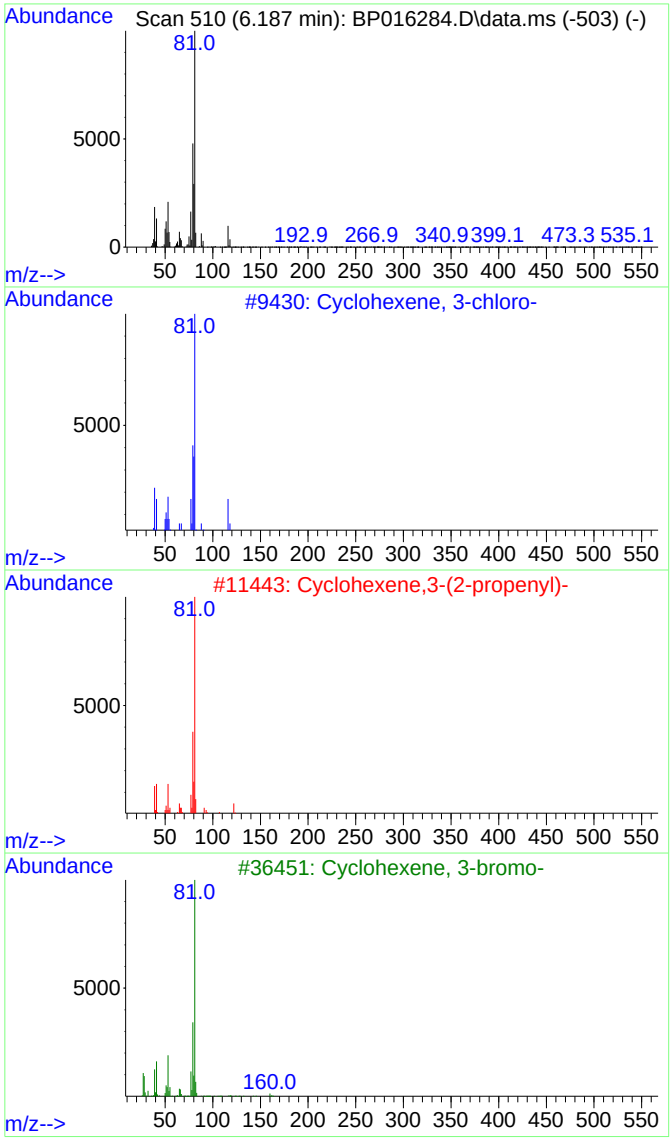
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

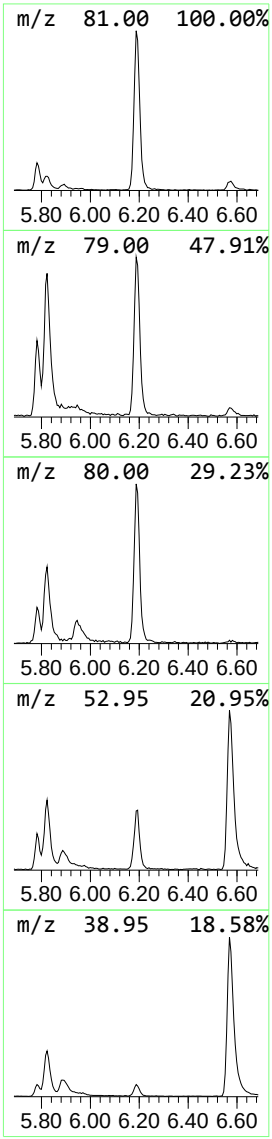
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexene, 3-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.187	5.65 ng/ul	370824	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	91
2	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	64
3	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	64
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	59
5	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	52





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Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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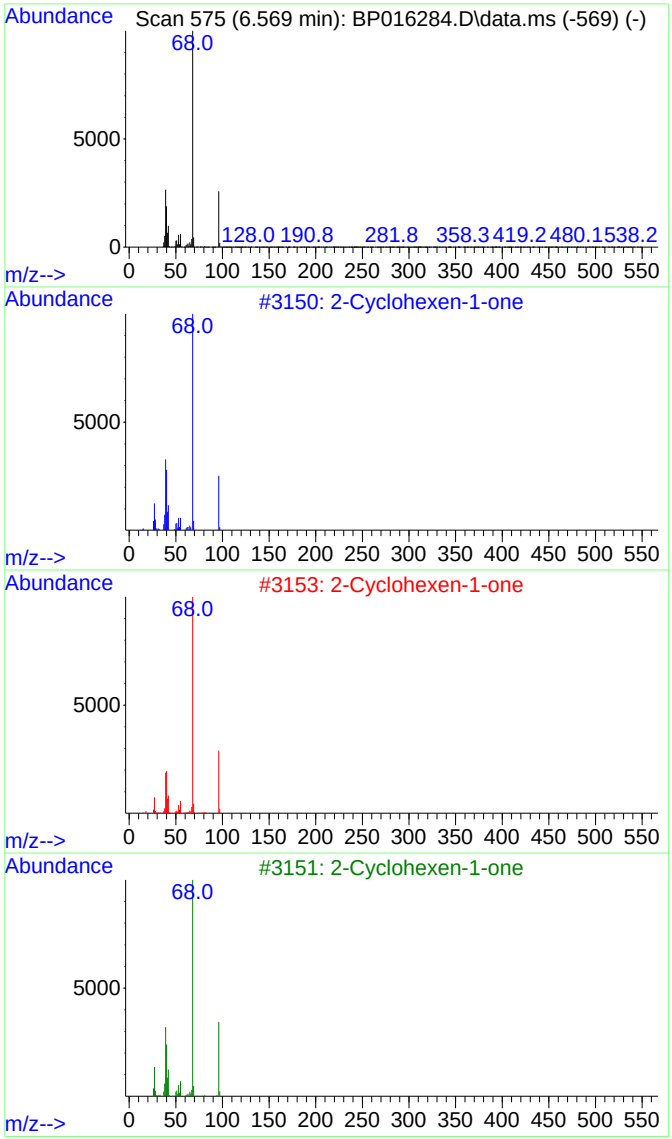
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

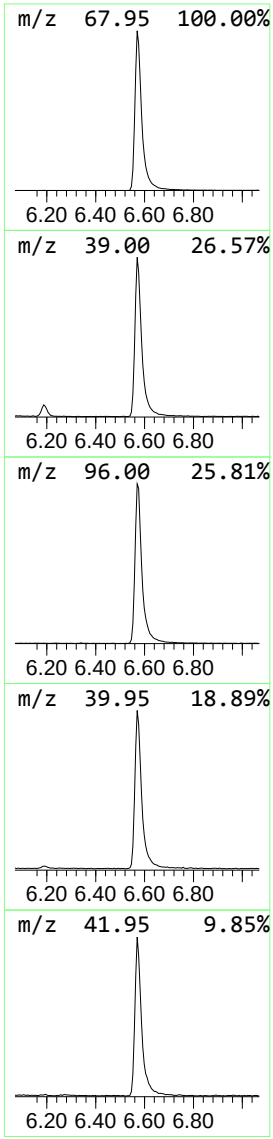
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Cyclohexen-1-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	45.77 ng/ul	3006210	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
5	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	36





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Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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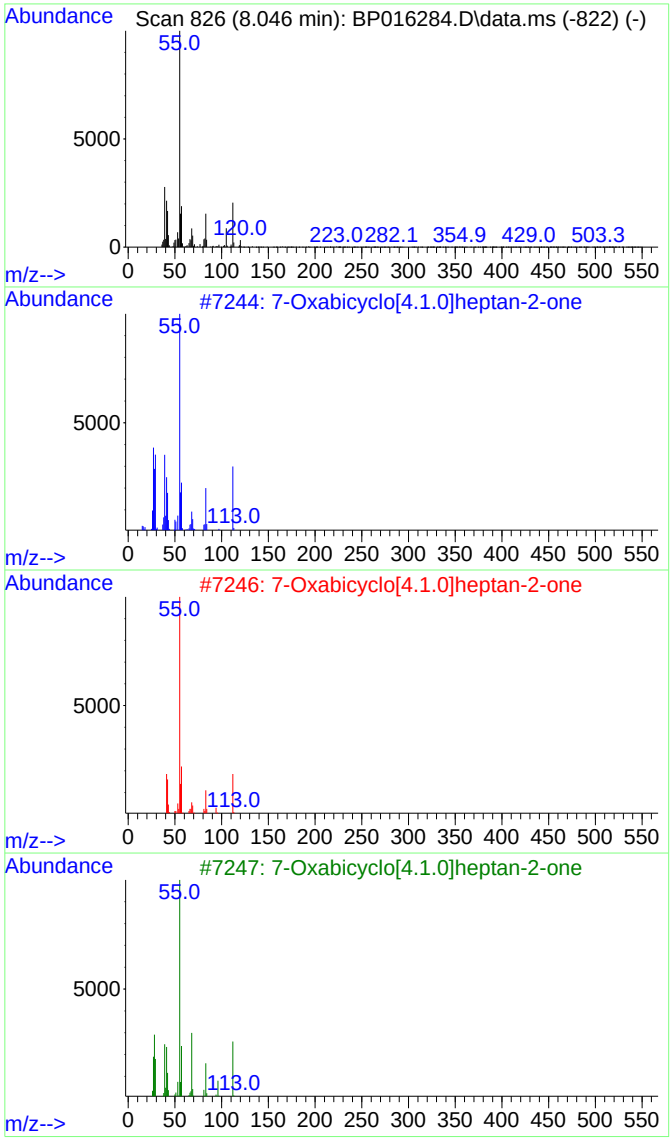
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

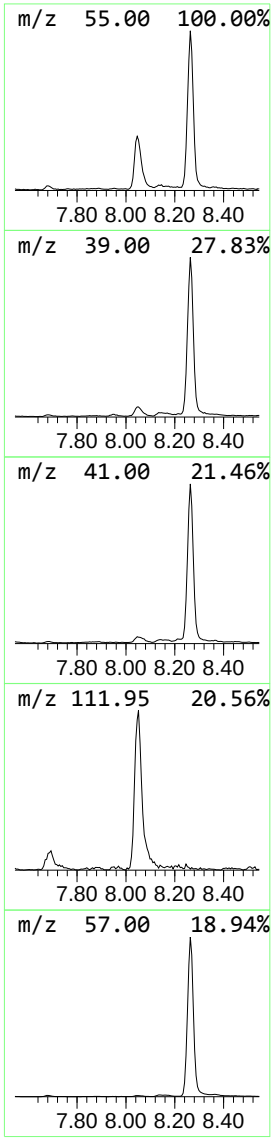
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.046	4.69 ng/ul	308280	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	94
2	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	91
3	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	80
4	Cyclopropane, pentamethyl-	112	C8H16	014172-83-9	47
5	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	47





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Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

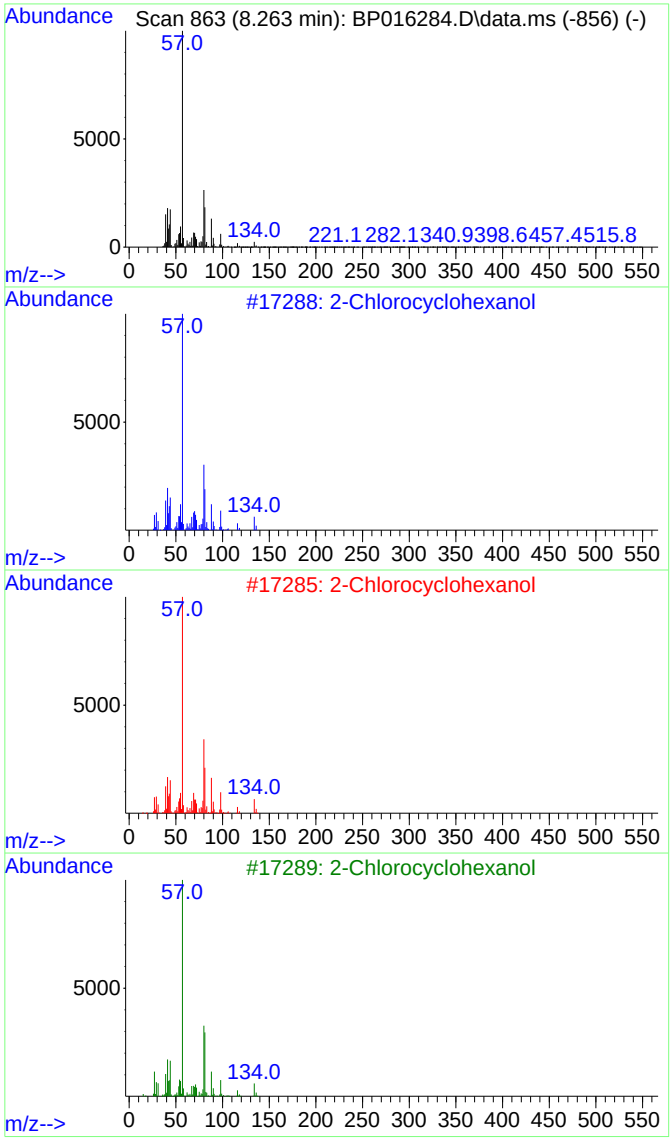
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

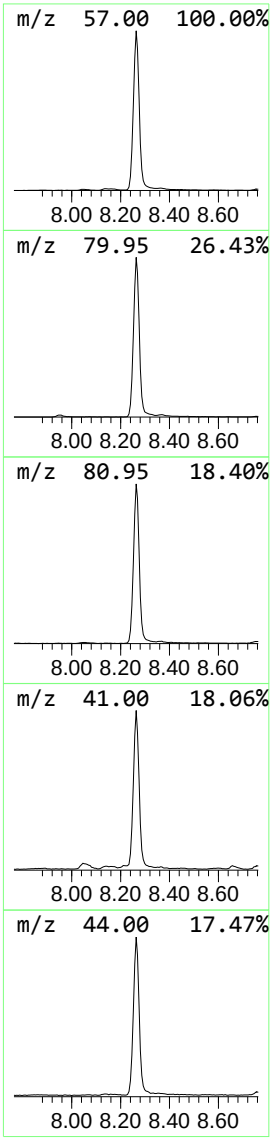
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Chlorocyclohexanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	103.43 ng/ul	6793410	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	83
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	64
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	46





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Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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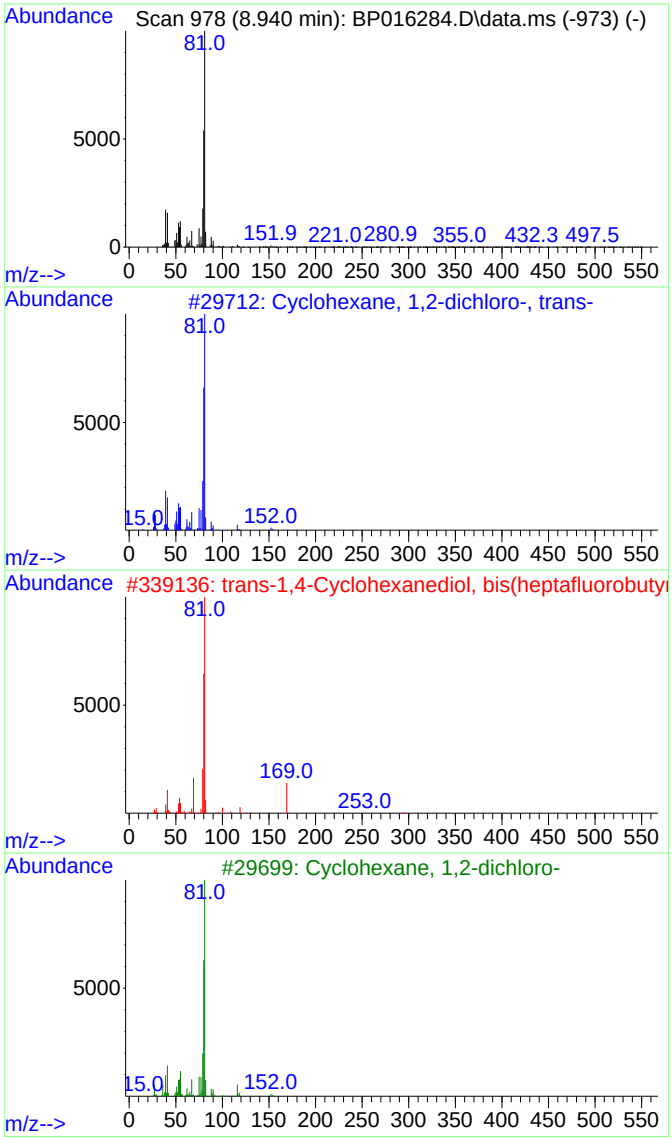
Quant Title : SVOA CALIBRATION

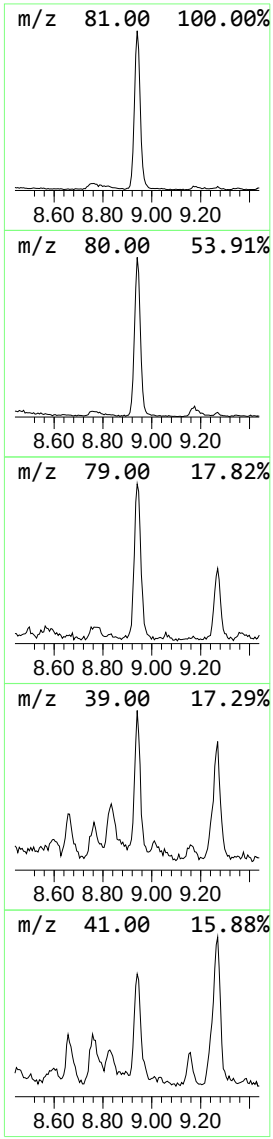
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1,2-dichloro-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.940	6.16 ng/ul	404637	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	83
2	trans-1,4-Cyclohexanediol, bis(h...	508	C14H10F14O4	1000384-30-5	72
3	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	72
4	Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	72
5	Cyclohexane, 1,3-dichloro-, trans-	152	C6H10Cl2	024955-62-2	64





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Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

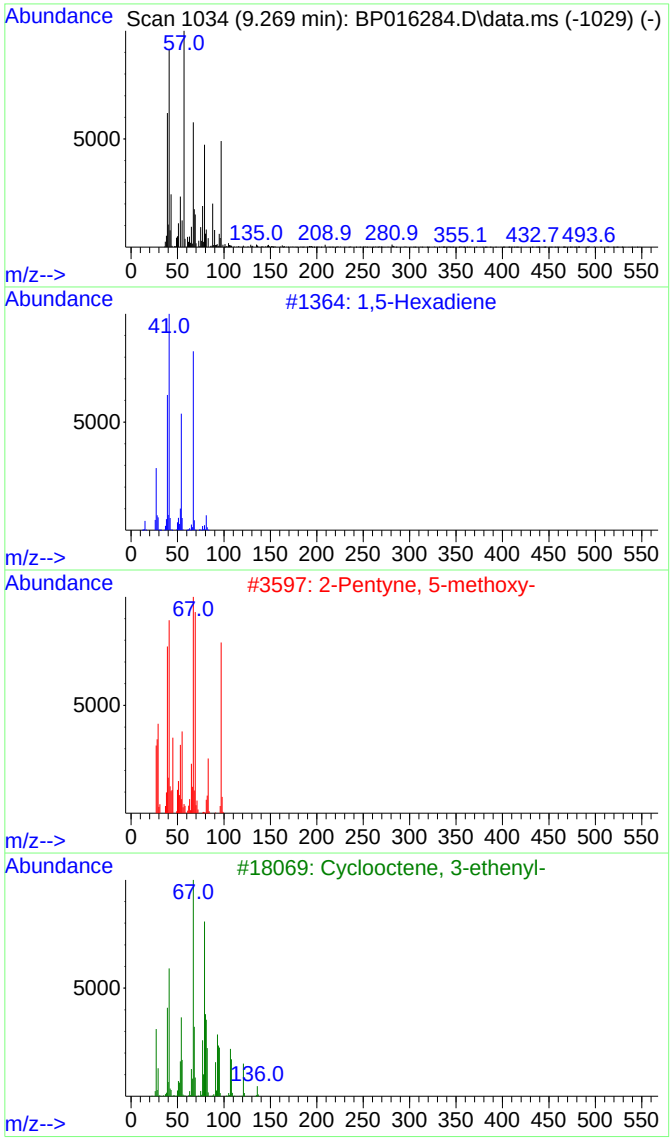
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

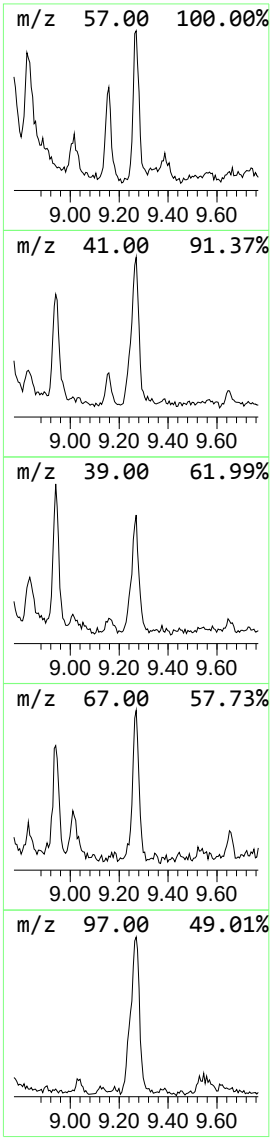
****

Peak Number 13 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	3.56 ng/ul	233666	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	22
2	2-Pentyne, 5-methoxy-	98	C6H10O	062108-18-3	16
3	Cyclooctene, 3-ethenyl-	136	C10H16	002213-60-7	16
4	6-Methyl-3-heptyne	110	C8H14	054050-92-9	16
5	1,6-Octadiene, 3,7-dimethyl-	138	C10H18	002436-90-0	12





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Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

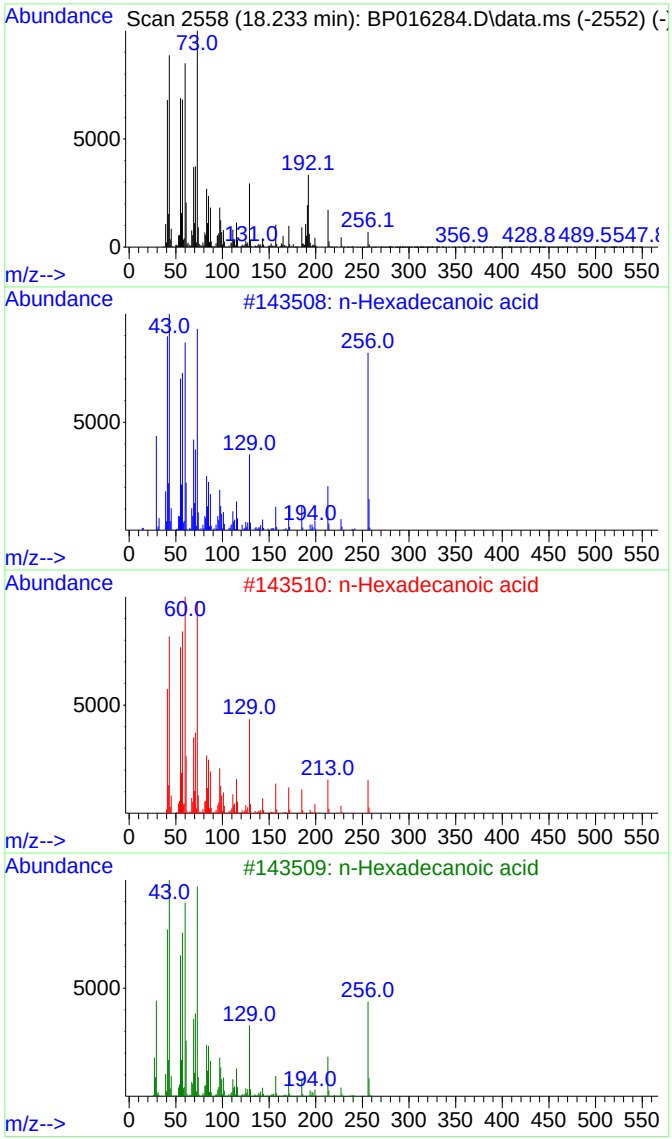
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

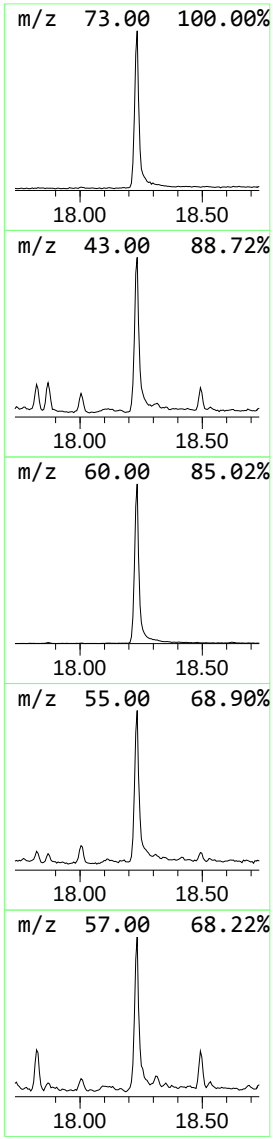
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	12.17 ng/ul	2358990	Phenanthrene-d10	17.369

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	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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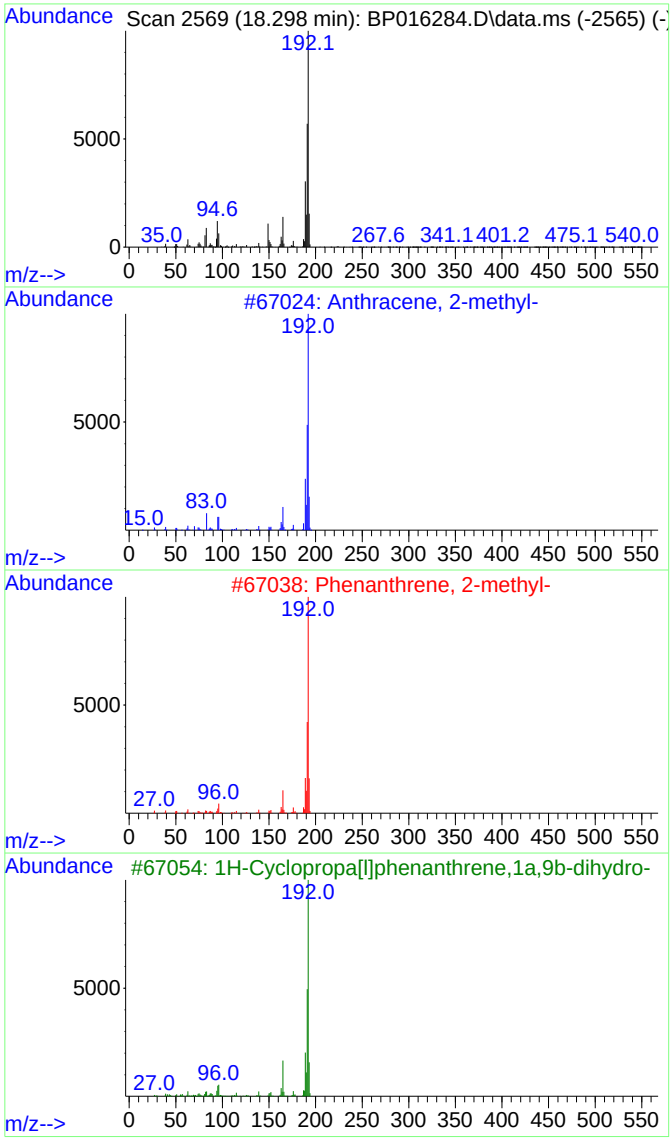
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

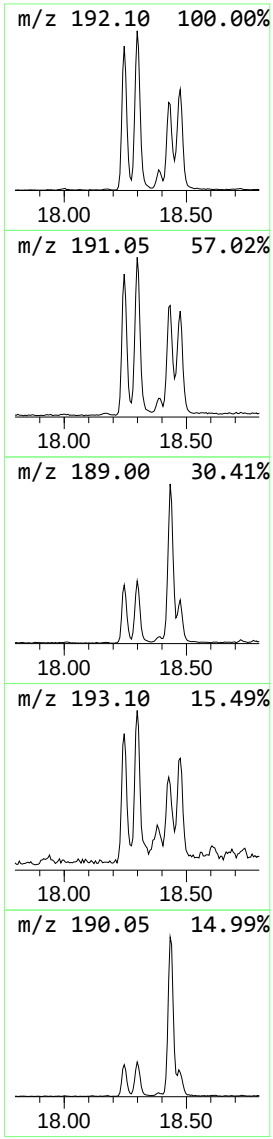
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.98 ng/ul	771829	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





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Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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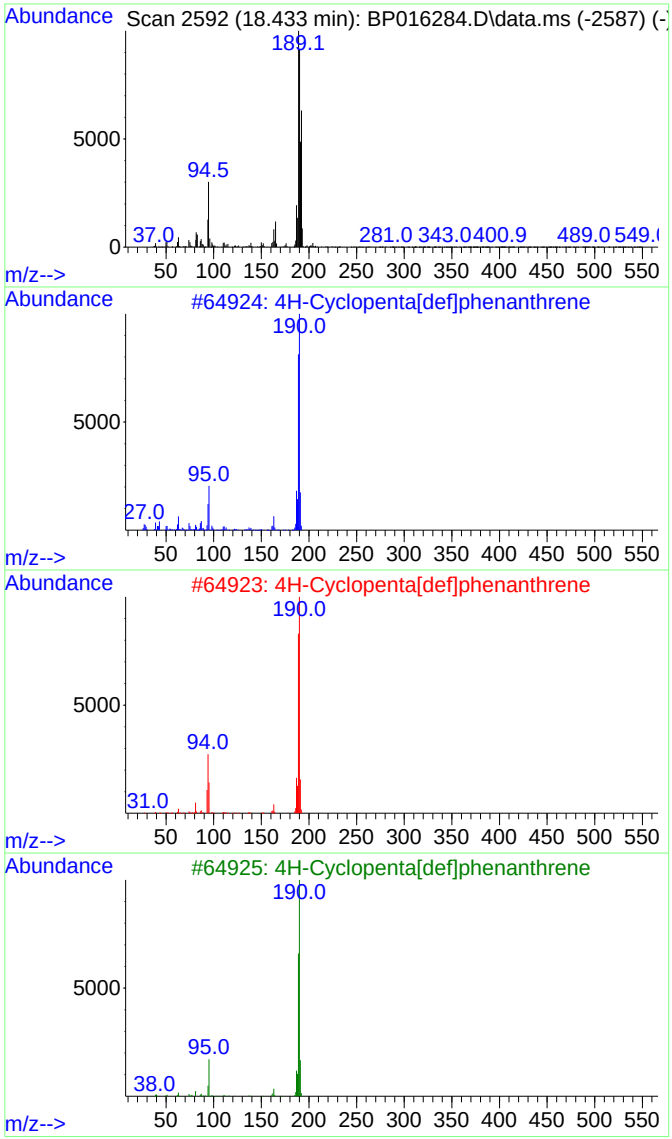
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

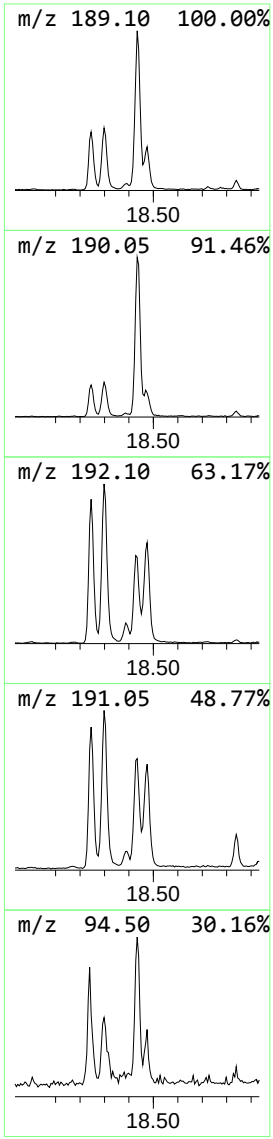
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	3.64 ng/ul	705482	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	35
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	18





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ALS Vial : 42 Sample Multiplier: 1

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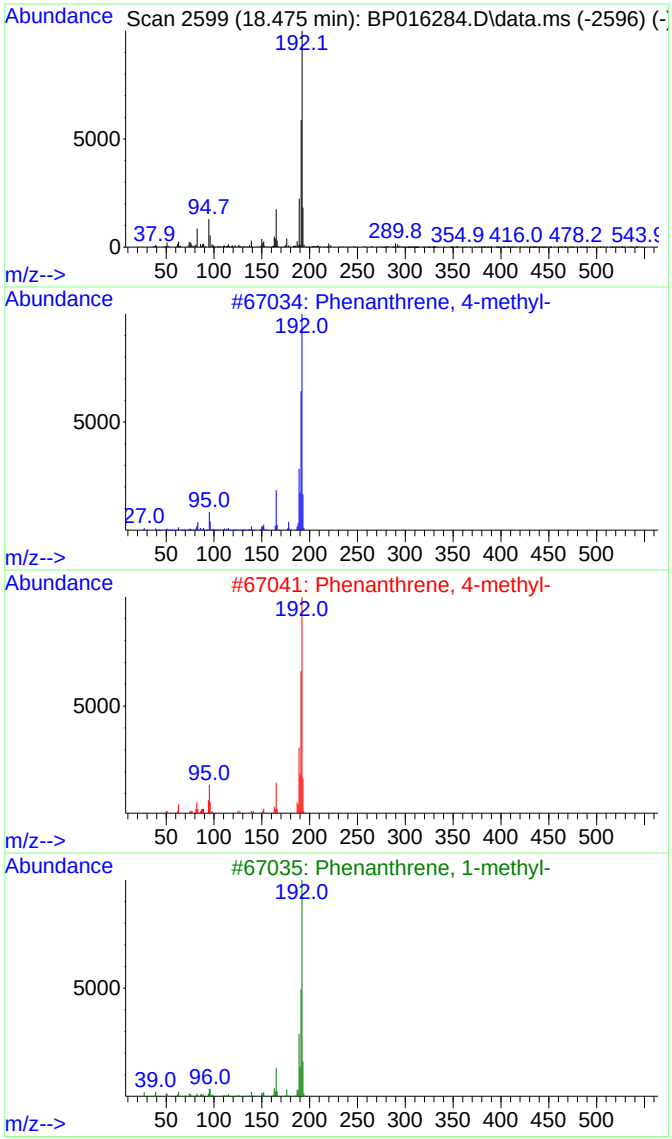
Quant Title : SVOA CALIBRATION

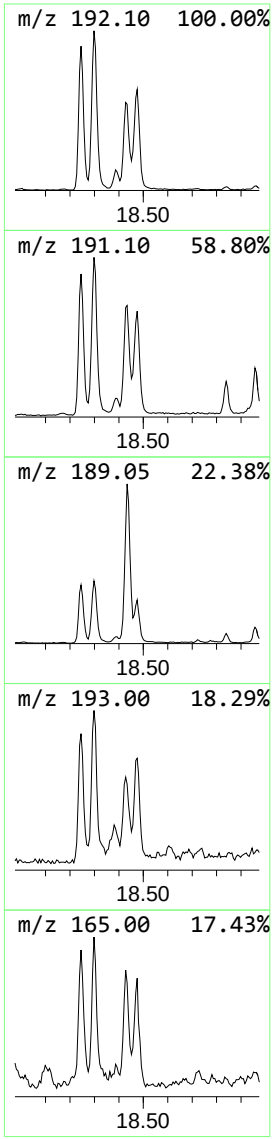
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	2.35 ng/ul	455581	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





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Sample : 03458-08
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ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :
A46M1

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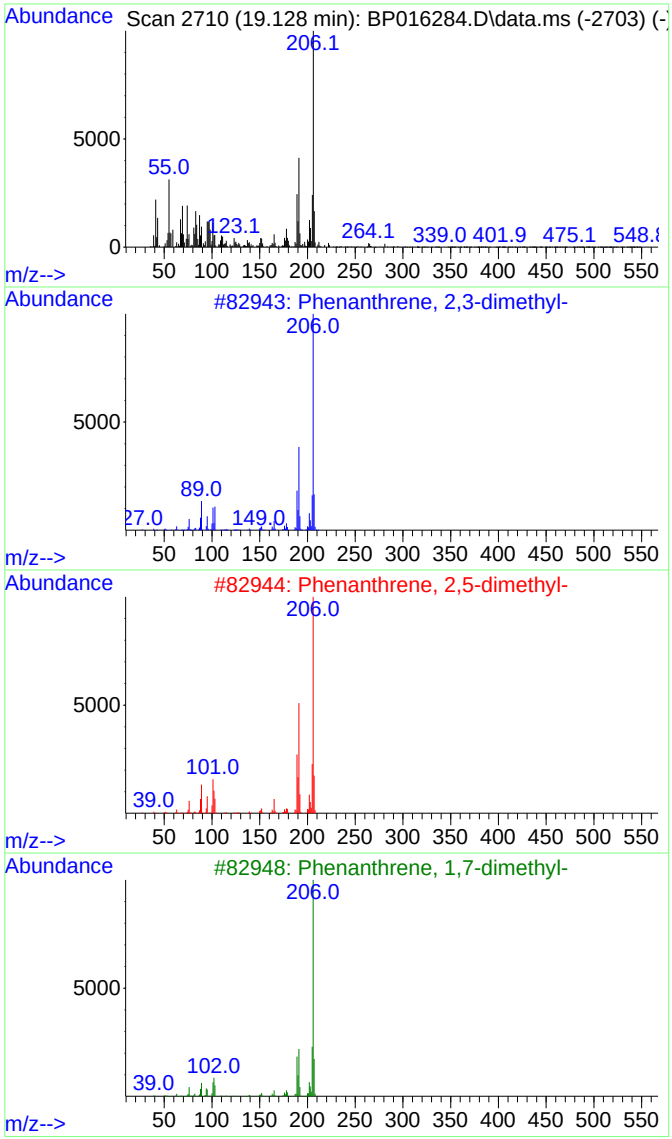
Quant Title : SVOA CALIBRATION

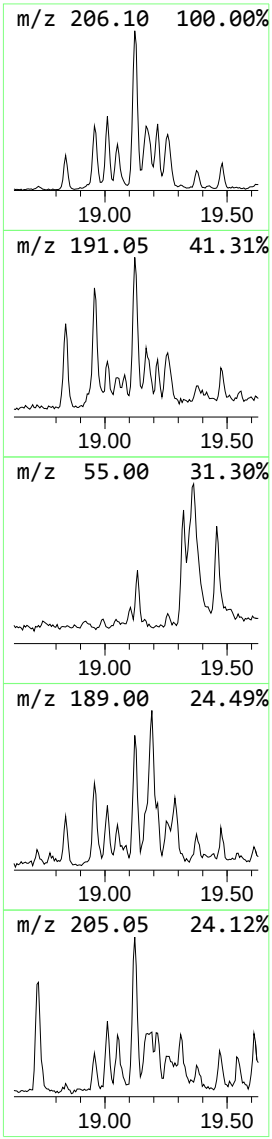
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.91 ng/ul	564020	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

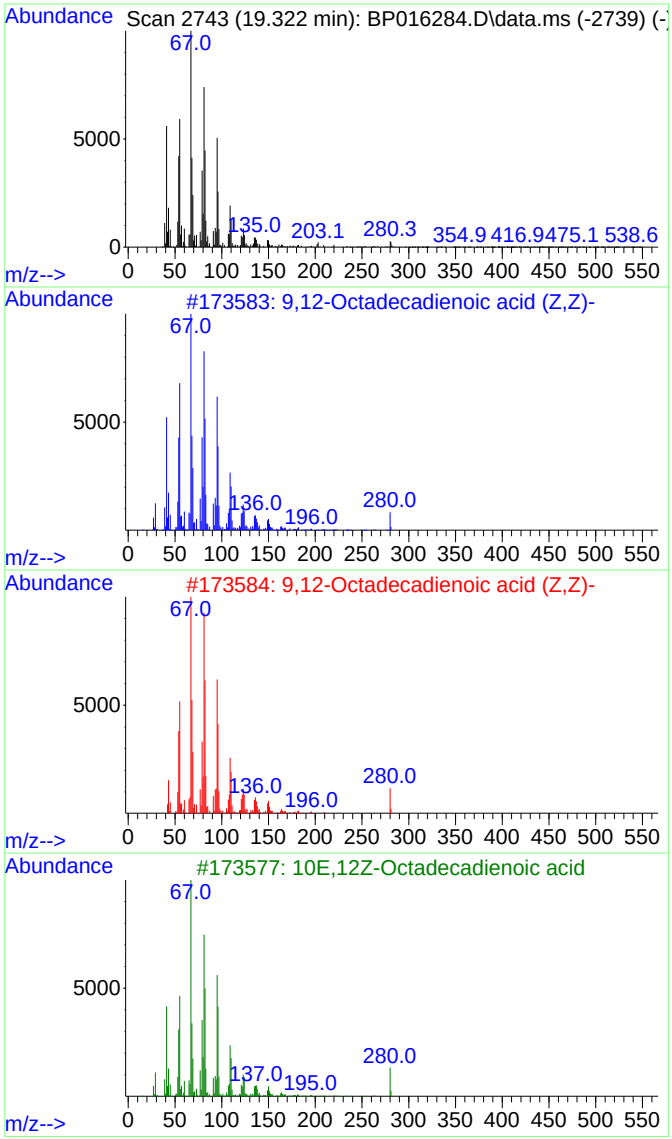
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

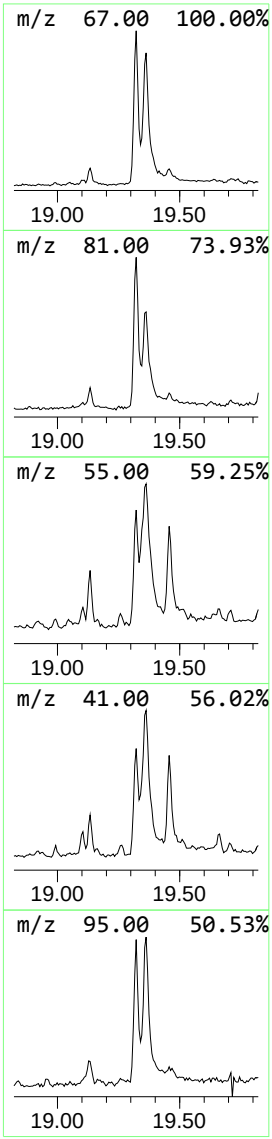
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	4.23 ng/ul	820421	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	96
4	Linoelaidic acid	280	C18H32O2	000506-21-8	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

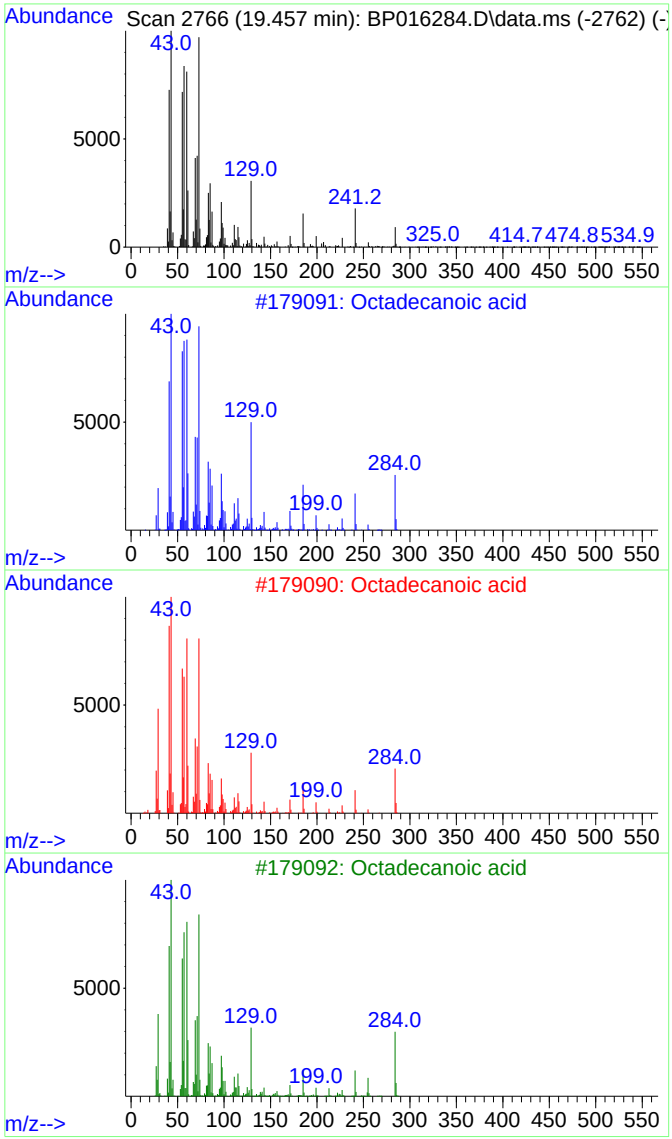
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

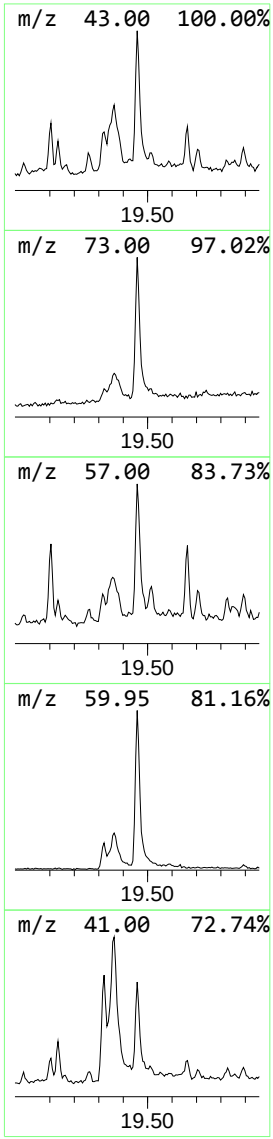
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.457	2.45 ng/ul	689874	Chrysene-d12	21.469

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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

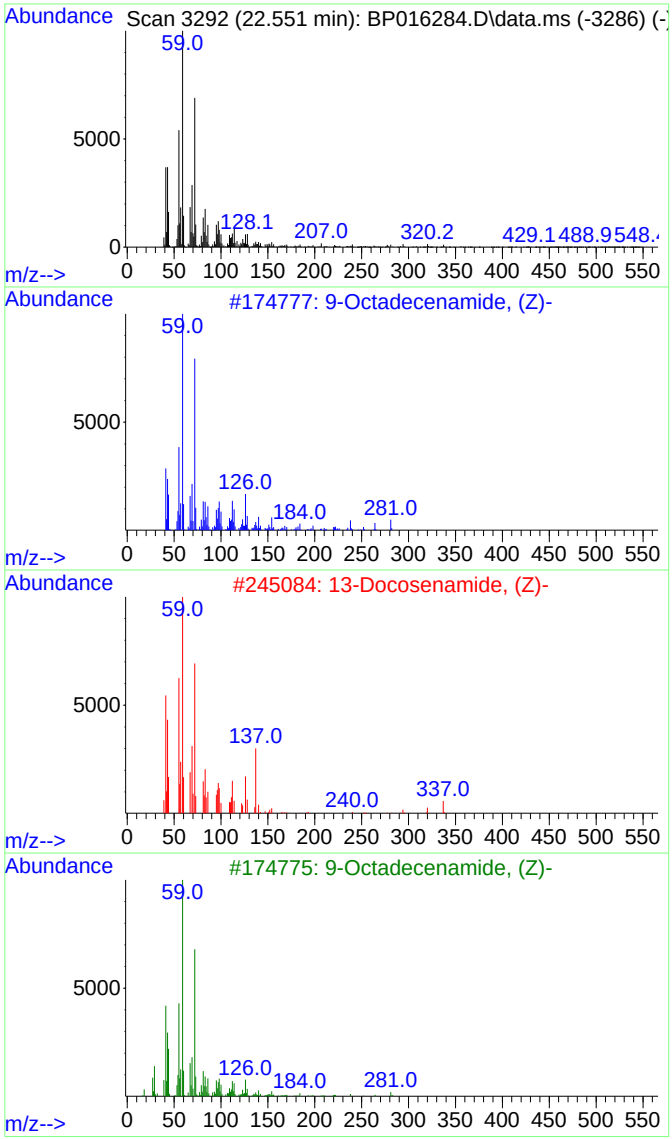
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

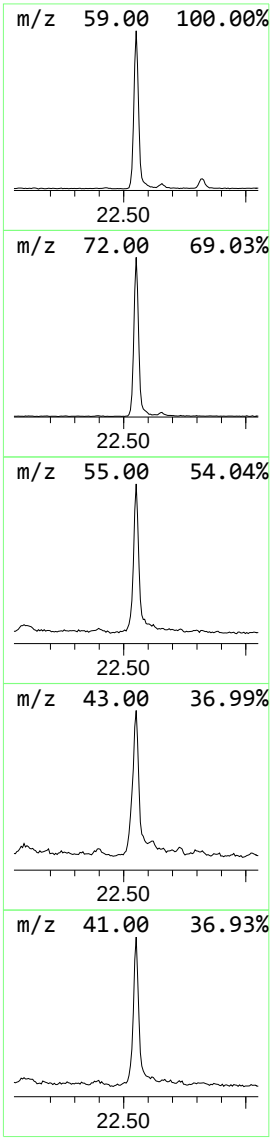
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.551	8.27 ng/ul	2326690	Chrysene-d12	21.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87





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Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

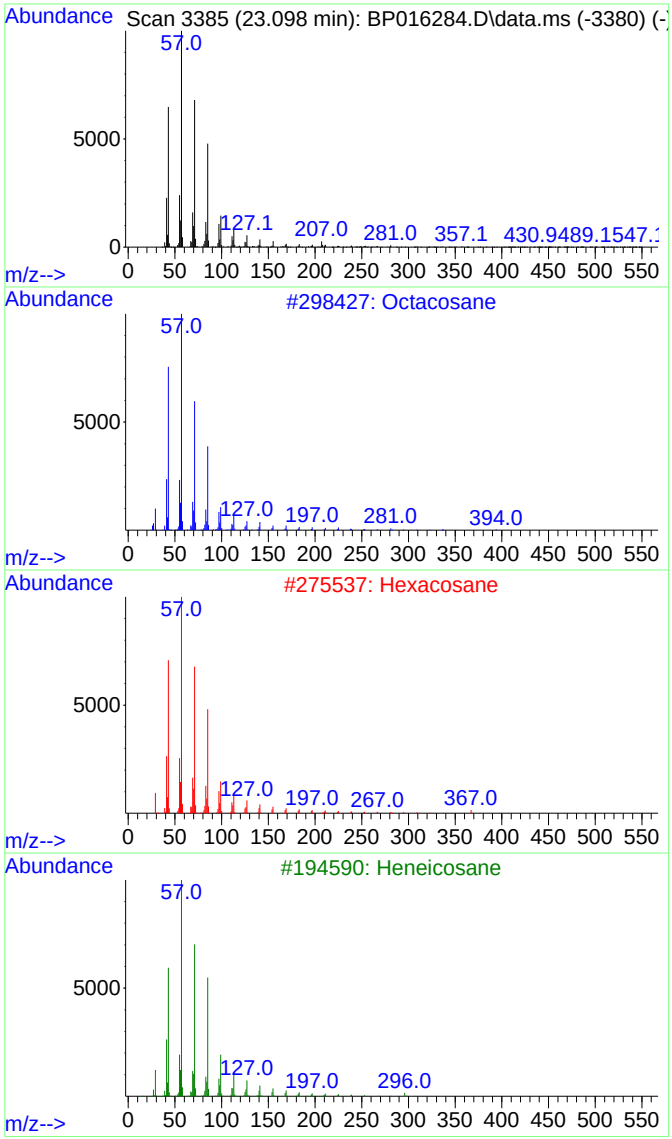
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

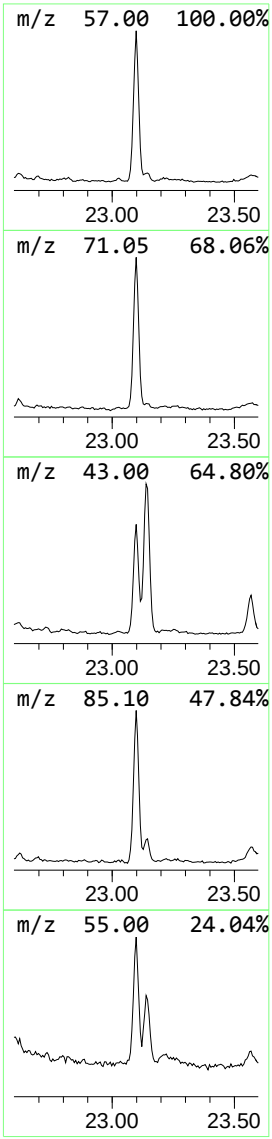
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.098	4.30 ng/ul	1006110	Perylene-d12	23.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

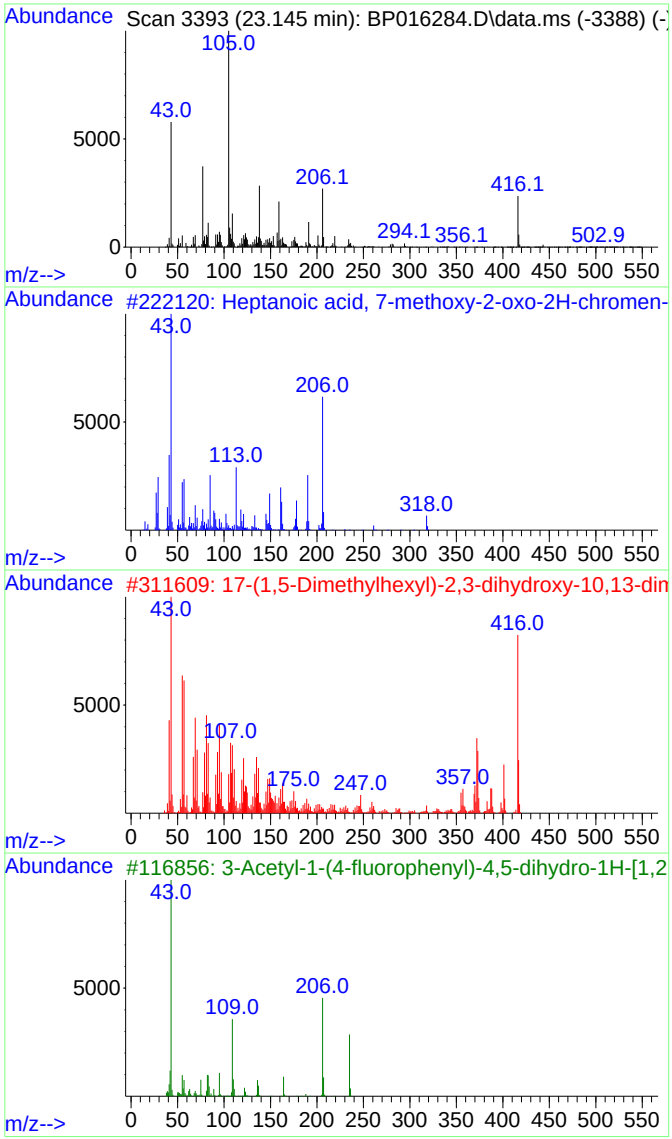
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

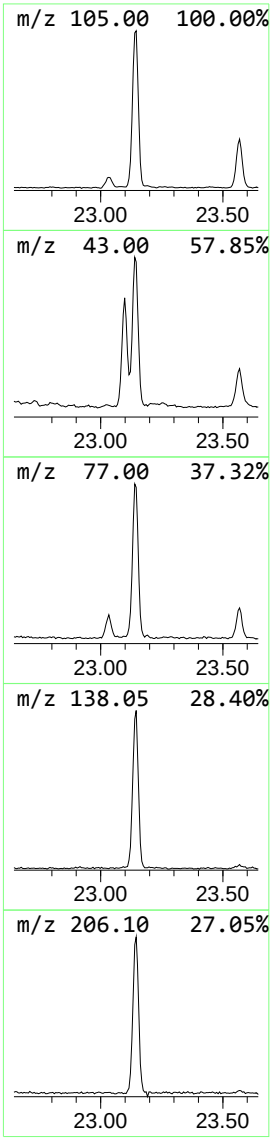
****

Peak Number 23 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.145	7.66 ng/ul	1790770	Perylene-d12	23.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, 7-methoxy-2-oxo-...	318	C18H22O5	253662-53-2	9
2	17-(1,5-Dimethylhexyl)-2,3-dihyd...	416	C27H44O3	1000210-26-4	9
3	3-Acetyl-1-(4-fluorophenyl)-4,5-...	235	C11H10FN3O2	1000209-98-9	9
4	Hippuric acid, 2TMS derivative	323	C15H25NO3Si2	055133-85-2	7
5	Hippuric acid, 2TMS derivative	323	C15H25NO3Si2	055133-85-2	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.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
1,2-Dimethyl cy...	4.299	3.1	ng/ul	201689	1	7.952	1313620	20.0
7-Oxabicyclo[4....	5.358	2.5	ng/ul	167491	1	7.952	1313620	20.0
unknown-01	5.781	5.1	ng/ul	333689	1	7.952	1313620	20.0
2-Cyclohexen-1-ol	5.822	20.1	ng/ul	1323770	1	7.952	1313620	20.0
unknown-02	5.887	5.6	ng/ul	368597	1	7.952	1313620	20.0
Cyclohexene, 3-...	6.187	5.7	ng/ul	370824	1	7.952	1313620	20.0
2-Cyclohexen-1-one	6.569	45.8	ng/ul	3006210	1	7.952	1313620	20.0
7-Oxabicyclo[4....	8.046	4.7	ng/ul	308280	1	7.952	1313620	20.0
2-Chlorocyclohe...	8.263	103.4	ng/ul	6793410	1	7.952	1313620	20.0
Cyclohexane, 1,...	8.940	6.2	ng/ul	404637	1	7.952	1313620	20.0
unknown-03	9.269	3.6	ng/ul	233666	1	7.952	1313620	20.0
n-Hexadecanoic ...	18.233	12.2	ng/ul	2358990	4	17.369	3877430	20.0
Anthracene, 2-m...	18.298	4.0	ng/ul	771829	4	17.369	3877430	20.0
4H-Cyclopenta[d...	18.433	3.6	ng/ul	705482	4	17.369	3877430	20.0
Phenanthrene, 4...	18.475	2.4	ng/ul	455581	4	17.369	3877430	20.0
Phenanthrene, 2...	19.128	2.9	ng/ul	564020	4	17.369	3877430	20.0
9,12-Octadecadi...	19.322	4.2	ng/ul	820421	4	17.369	3877430	20.0
Octadecanoic acid	19.457	2.5	ng/ul	689874	5	21.469	5625480	20.0
9-Octadecenamid...	22.551	8.3	ng/ul	2326690	5	21.469	5625480	20.0
(DEL) Alkane: S...	23.098	4.3	ng/ul	1006110	6	23.957	4676900	20.0
unknown-04	23.145	7.7	ng/ul	1790770	6	23.957	4676900	20.0