LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HOA46

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: BP016263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	6	9	13	rBV3	16925	23563	0.36%	0.032%
2	3.281	13	16	18	rVV	69634	79831	1.22%	0.107%
3	3.317	18	22	38	rVB	340433	535901	8.16%	0.719%
4	3.576	64	66	74	rBV9	8189	14826	0.23%	0.020%
5	3.740	91	94	116	rBV	335613	804165	12.25%	1.080%
6	3.946	125	129	135	rVB3	22043	40174	0.61%	0.054%
7	4.046	143	146	151	rVB2	8825	12692	0.19%	0.017%
8	4.587	232	238	255	rBV	321538	576305	8.78%	0.774%
9	4.999	305	308	316	rVB3	9907	17465	0.27%	0.023%
10	7.016	648	651	656	rVB3	9204	13081	0.20%	0.018%
11	7.181	671	679	692	rBV	185488	662723	10.09%	0.890%
12	7.293	692	698	727	rVV	493969	1316409	20.05%	1.767%
13	7.499	727	733	760	rVV	502933	1334266	20.32%	1.791%
14	7.681	762	764	771	rVB7	3883	6579	0.10%	0.009%
15	7.958	804	811	833	rBV	585186	1540125	23.46%	2.068%
16	8.722	934	941	979	rBV2	255084	1119014	17.04%	1.502%
17	9.158	1008	1015	1038	rBV	583391	1525377	23.23%	2.048%
18	9.475	1064	1069	1074	rVB	46659	72070	1.10%	0.097%
19	9.893	1132	1140	1171	rBV	341160	1364158	20.78%	1.831%
20	10.105	1174	1176	1181	rVB6	5030	8028	0.12%	0.011%
21	10.499	1233	1243	1282	rBV	327885	1818701	27.70%	2.442%
22	10.781	1284	1291	1312	rVB	1003910	2400151	36.56%	3.222%
23	11.034	1325	1334	1359	rBV2	85292	434422	6.62%	0.583%
24	11.863	1473	1475	1484	rBV9	8033	23416	0.36%	0.031%
25	11.969	1488	1493	1498	rVB2	22423	32713	0.50%	0.044%
26	12.346	1552	1557	1559	rBV6	4647	8849	0.13%	0.012%
27	12.434	1567	1572	1579	rBV5	11139	25949	0.40%	0.035%
28	12.951	1653	1660	1661	rBV7	11692	18495	0.28%	0.025%
29	13.210	1697	1704	1710	rBV3	20693	37468	0.57%	0.050%
30	13.487	1747	1751	1757	rBV2	20716	34798	0.53%	0.047%
31	14.028	1837	1843	1864	rBV	1647152	3257806	49.62%	4.373%
32	14.234	1875	1878	1882	rBV6	4103	7240	0.11%	0.010%
33	14.304	1884	1890	1909	rBV	2259702	3801682	57.90%	5.104%
34	14.487	1916	1921	1924	rVB5	10851	16284	0.25%	0.022%
35	14.610	1936	1942	1958	rBV	2034693	3264004	49.71%	4.382%
36	14.875	1983	1987	1990	rBV6	7187	12407	0.19%	0.017%

LSC Area Percent Report

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Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

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	14.987	1999	2006	2013	rBV4	95663	341058	5.19%	0.458%
38	15.363	2064	2070	2079	rBV	545569	849187	12.93%	1.140%
39	15.616	2106	2113	2130	rBV	2695926	4941505	75.26%	6.634%
40	15.728	2130	2132	2139	rVV6	27653	53083	0.81%	0.071%
41	15.798	2139	2144	2170	rVV	528300	1512645	23.04%	2.031%
42	15.987	2171	2176	2193	rVB	554433	928357	14.14%	1.246%
43	16.257	2219	2222	2225	rVB5	12440	13557	0.21%	0.018%
44	16.292	2225	2228	2230	rBV4	8710	11667	0.18%	0.016%
45	16.540	2266	2270	2278	rBV	72112	116915	1.78%	0.157%
46	16.692	2293	2296	2301	rBV7	8390	11672	0.18%	0.016%
47	16.769	2306	2309	2315	rVV6	21854	35473	0.54%	0.048%
48	16.863	2323	2325	2330	rBV4	9371	10410	0.16%	0.014%
49	17.087	2360	2363	2366	rBV3	13531	14414	0.22%	0.019%
50	17.139	2366	2372	2375	rBV3	16818	31763	0.48%	0.043%
51	17.257	2388	2392	2400	rVB9	27542	56075	0.85%	0.075%
52	17.375	2406	2412	2424	rBV	2772525	4057528	61.80%	5.447%
53	17.481	2424	2430	2439	rBV2	2608070	4969693	75.69%	6.672%
54	17.645	2453	2458	2464	rVB4	31328	51669	0.79%	0.069%
55	17.969	2510	2513	2517	rBV3	32331	40226	0.61%	0.054%
56	18.016	2518	2521	2524	rVB4	34093	38311	0.58%	0.051%
57	18.234	2553	2558	2568	rBV	1408317	2063343	31.43%	2.770%
58	18.310	2569	2571	2576	rVV	89990	155967	2.38%	0.209%
59	18.375	2579	2582	2592	rVB3	73181	167924	2.56%	0.225%
60	19.463	2762	2767	2777	rBV	958377	1459207	22.22%	1.959%
61	19.710	2804	2809	2827	rBV	3759814	6565709	100.00%	8.814%
62	20.969	3020	3023	3031	rBV	427722	457862	6.97%	0.615%
63	21.122	3046	3049	3050	rBV	121439	118871	1.81%	0.160%
64	21.157	3050	3055	3065	rVB	720381	1593146	24.26%	2.139%
65	21.475	3104	3109	3121	rBV2	2393722	4567172	69.56%	6.131%
66	22.027	3200	3203	3208	rVB	230032	273668	4.17%	0.367%
67	22.533	3286	3289	3298	rVB	305721	428866	6.53%	0.576%
68	23.098	3382	3385	3396	rVB	394811	626709	9.55%	0.841%
69	23.745	3491	3495	3498	rBV	358309	584164	8.90%	0.784%
70	23.798	3498	3504	3524	rVB2	2557807	5913258	90.06%	7.938%
71	23.969	3526	3533	3555	rVB	1460330	4260154	64.88%	5.719%
72	24.486	3617	3621	3630	rVB	453851	907786	13.83%	1.219%

Sum of corrected areas: 74490151

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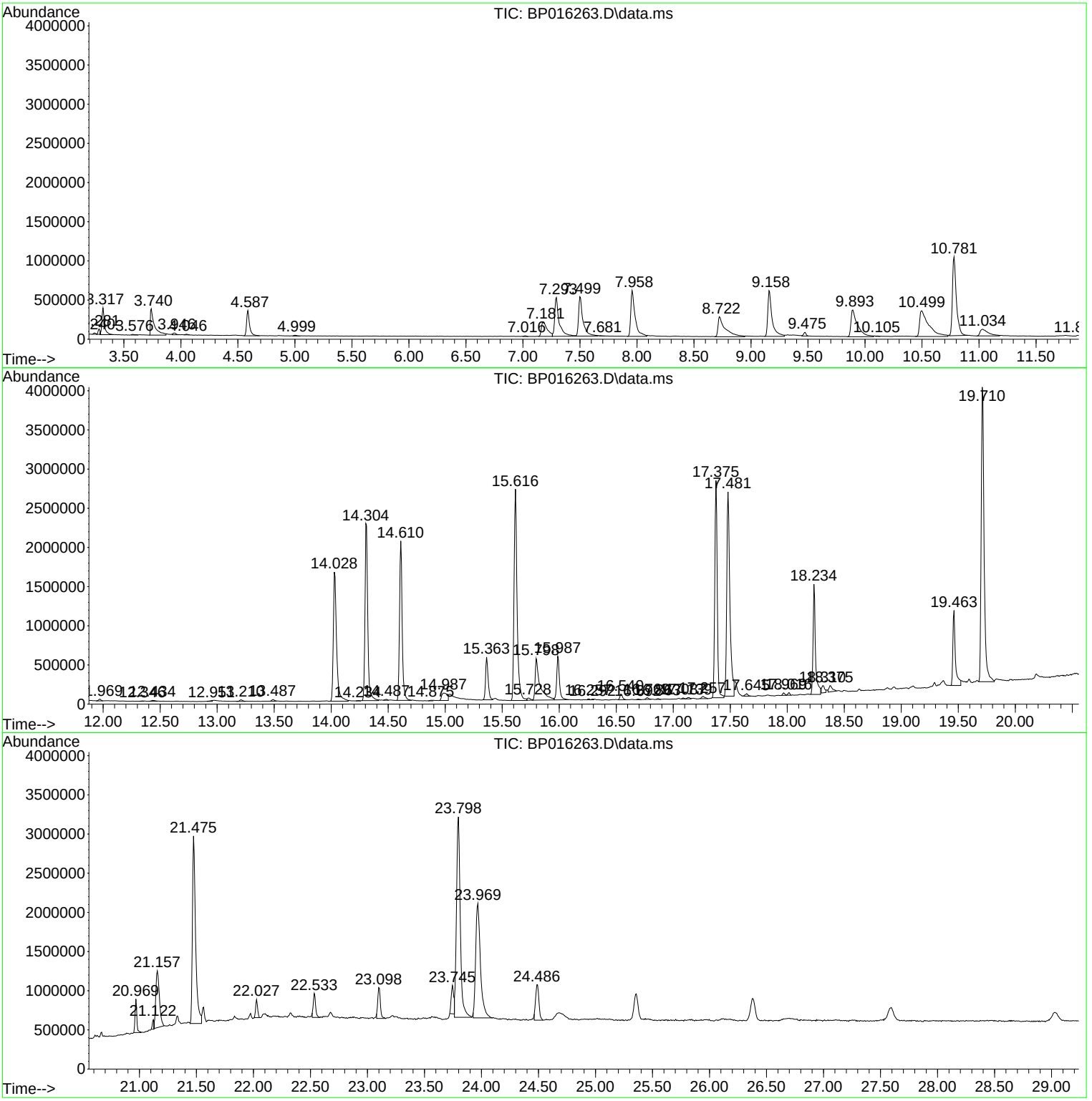
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

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 : BP016263.D
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Operator : MA/JU
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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

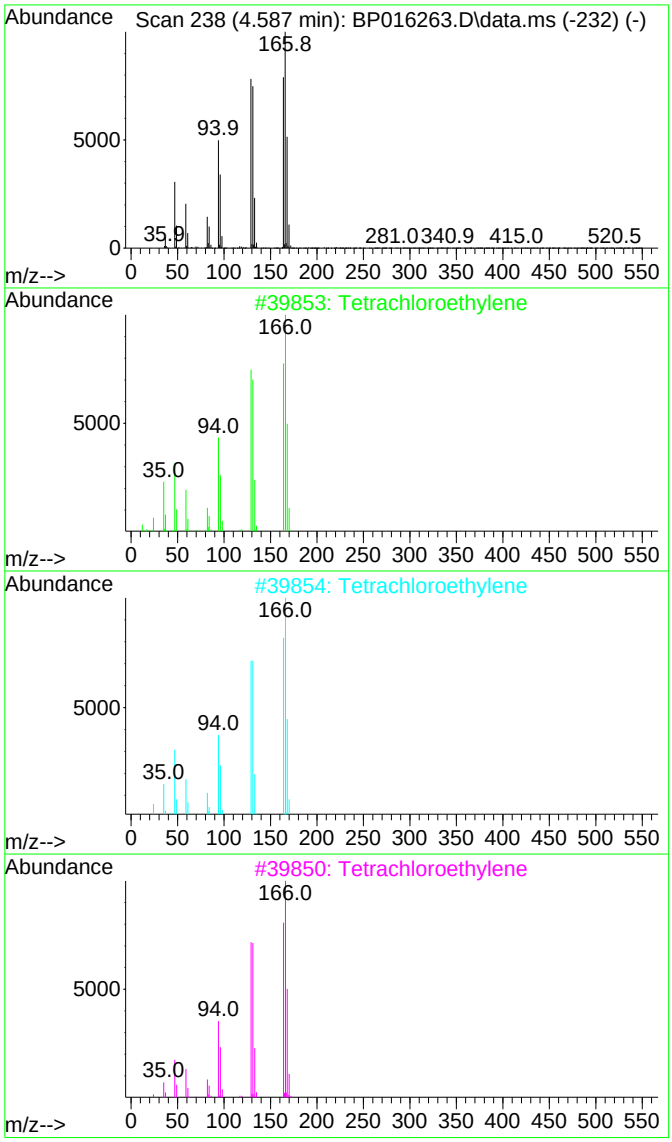
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

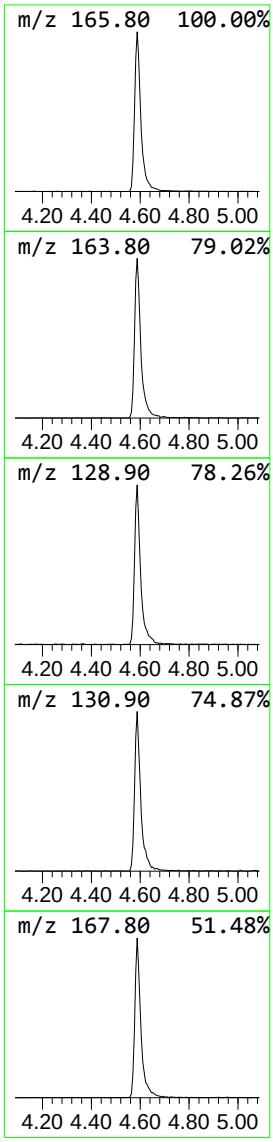
****

Peak Number 1 Tetrachloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.587	7.48 ng/ul	576305	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

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

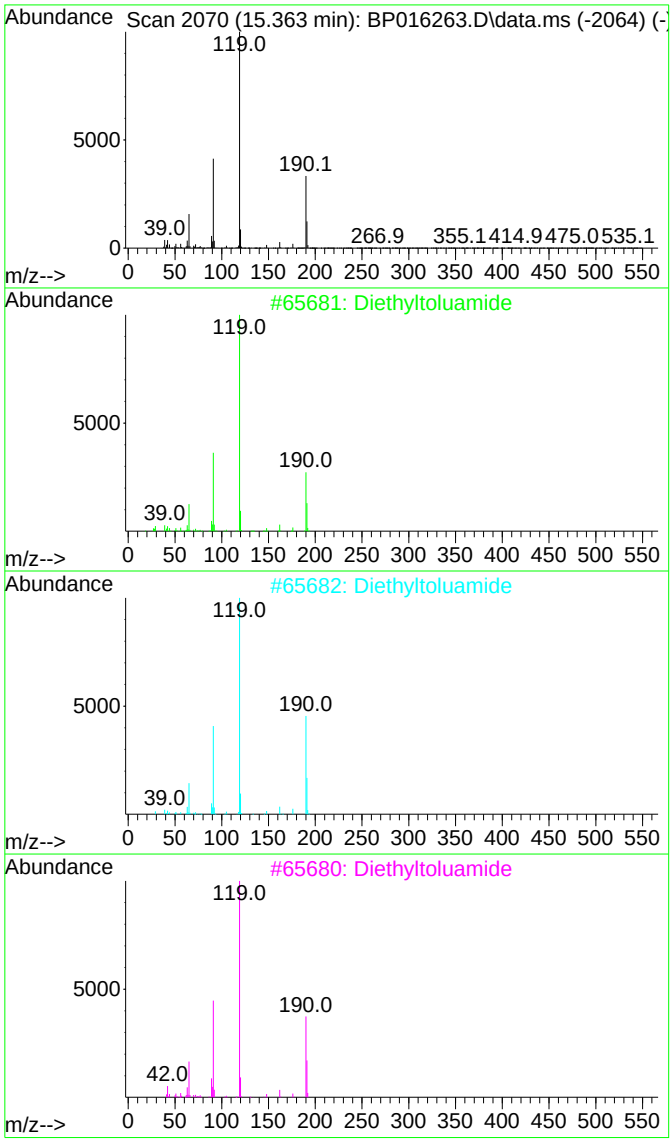
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

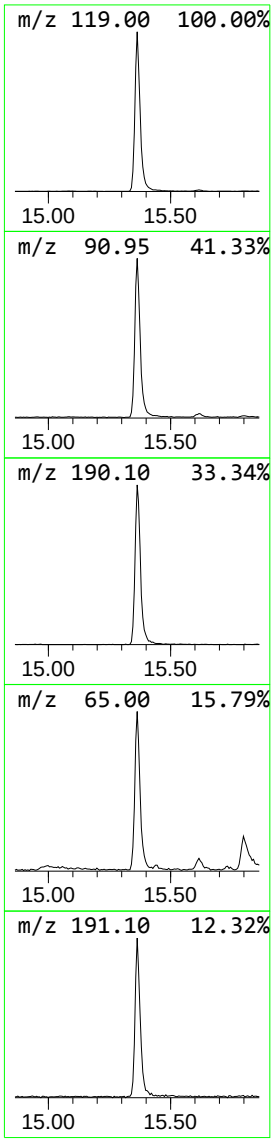
****

Peak Number 2 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	5.20 ng/ul	849187	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
5	Benzamide, 3-methyl-N-isobutyl-	191	C12H17NO	1000407-41-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

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

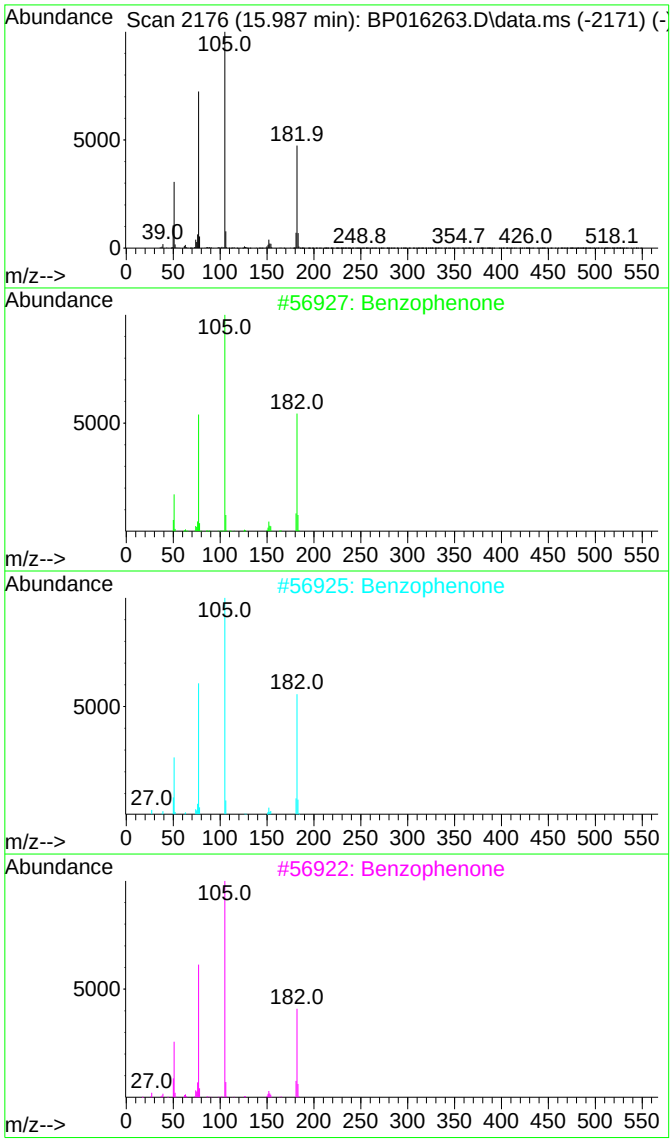
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

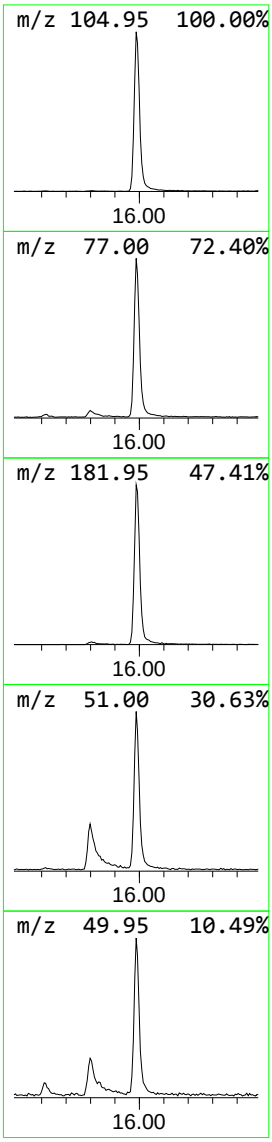
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.987	5.69 ng/ul	928357	Acenaphthene-d10	14.610

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	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

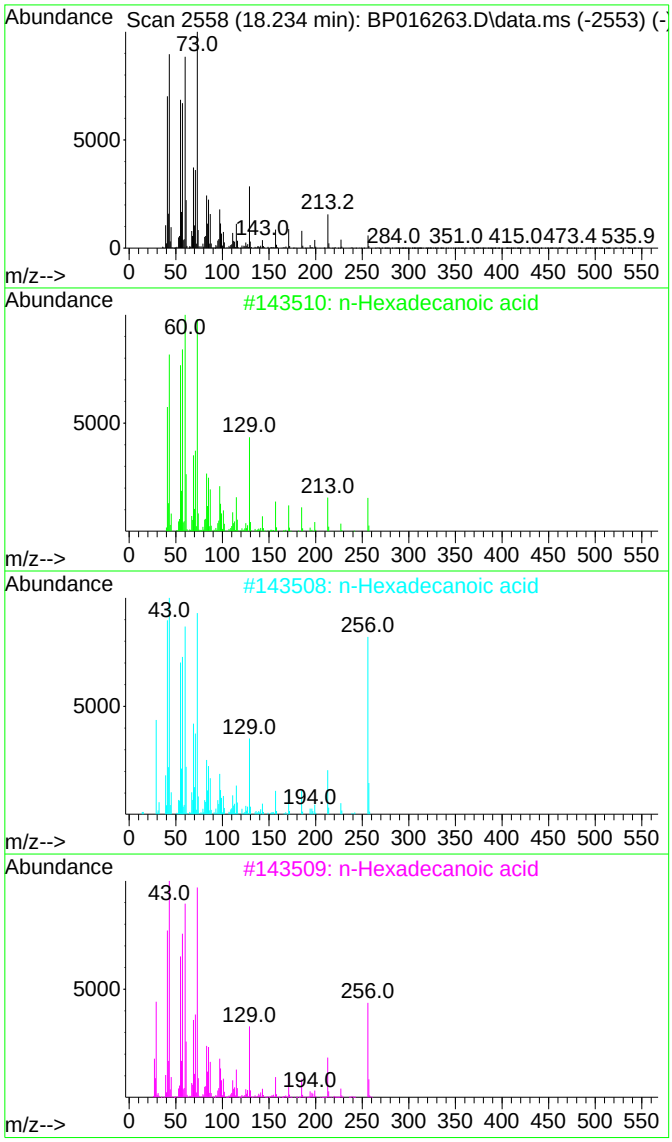
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

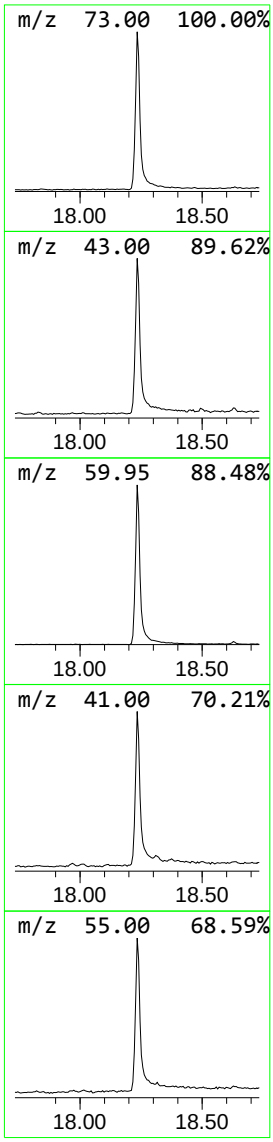
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	10.17 ng/ul	2063340	Phenanthrene-d10	17.375

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

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

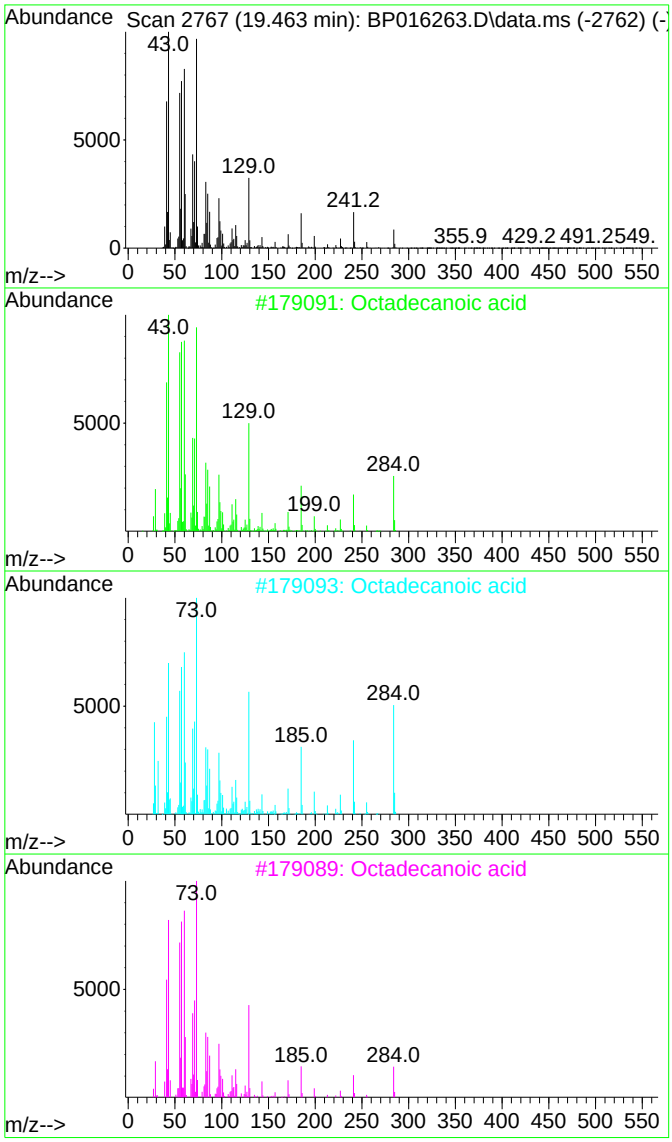
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

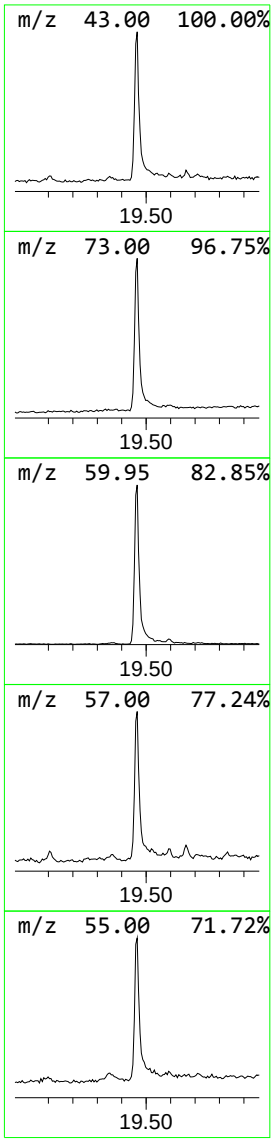
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	6.39 ng/ul	1459210	Chrysene-d12	21.475

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Data File : BP016263.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

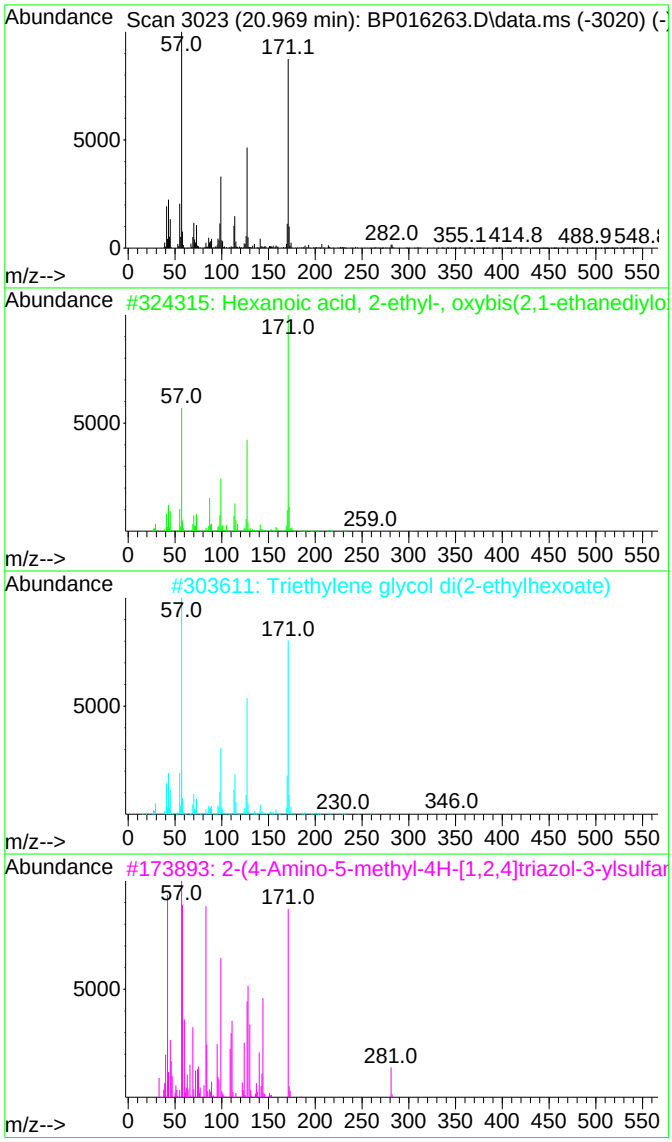
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

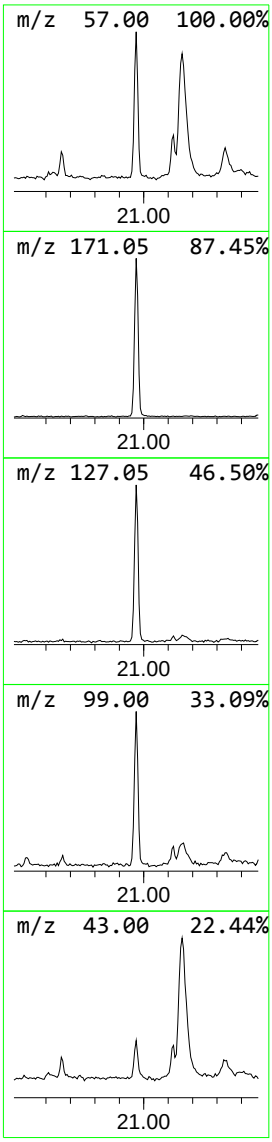
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexanoic acid, 2-ethyl-, ox... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.969	2.01 ng/ul	457862	Chrysene-d12	21.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, oxybis(...	446	C24H46O7	018268-70-7	91
2	Triethylene glycol di(2-ethylhex...	402	C22H42O6	000094-28-0	76
3	2-(4-Amino-5-methyl-4H-[1,2,4]tr...	281	C11H12FN5OS	1000300-06-9	47
4	3H,6H-Thieno[3,4-c]isoxazole, 3a...	171	C8H13NOS	127865-49-0	38
5	2-Ethyl-1-(1,2,3,4-tetrahydrocar...	297	C20H27NO	1000486-81-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

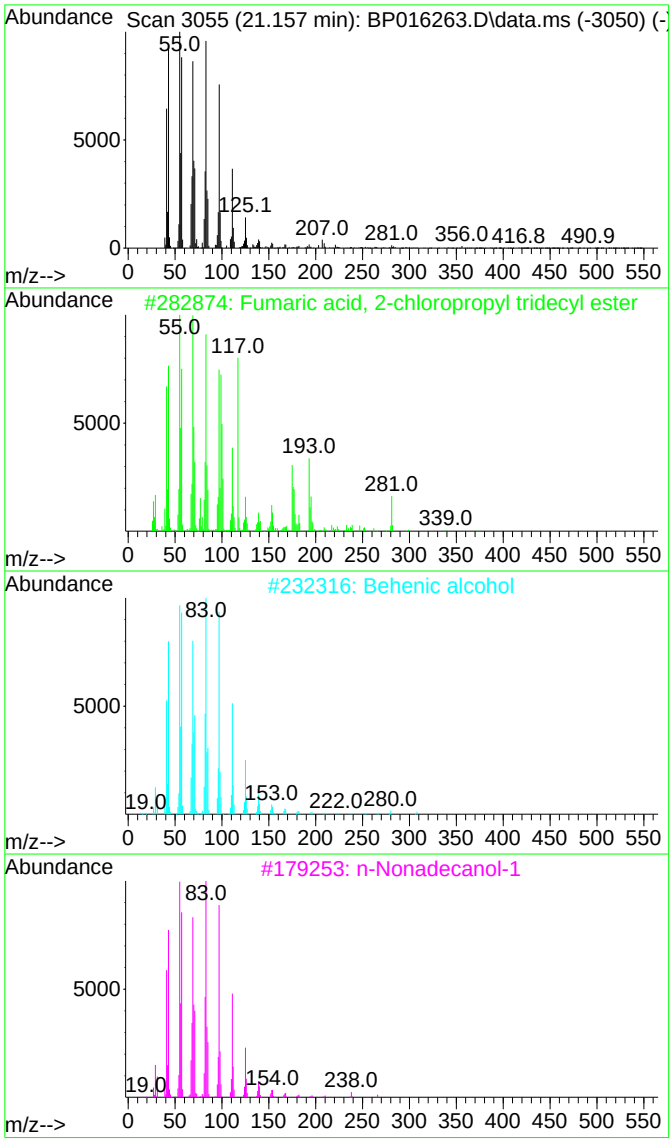
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

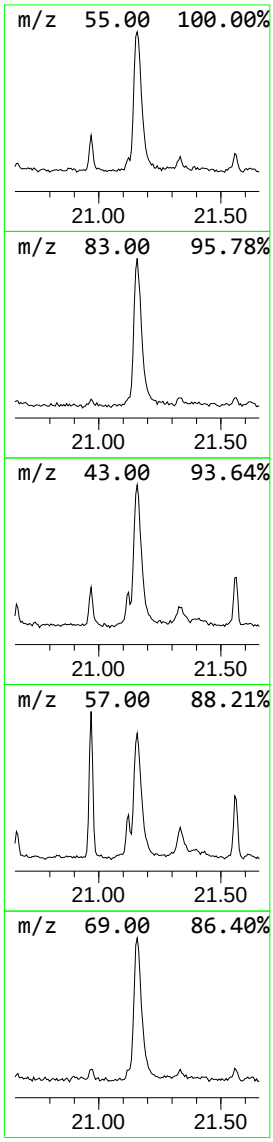
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Fumaric acid, 2-chloropropy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	6.98 ng/ul	1593150	Chrysene-d12	21.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	98
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

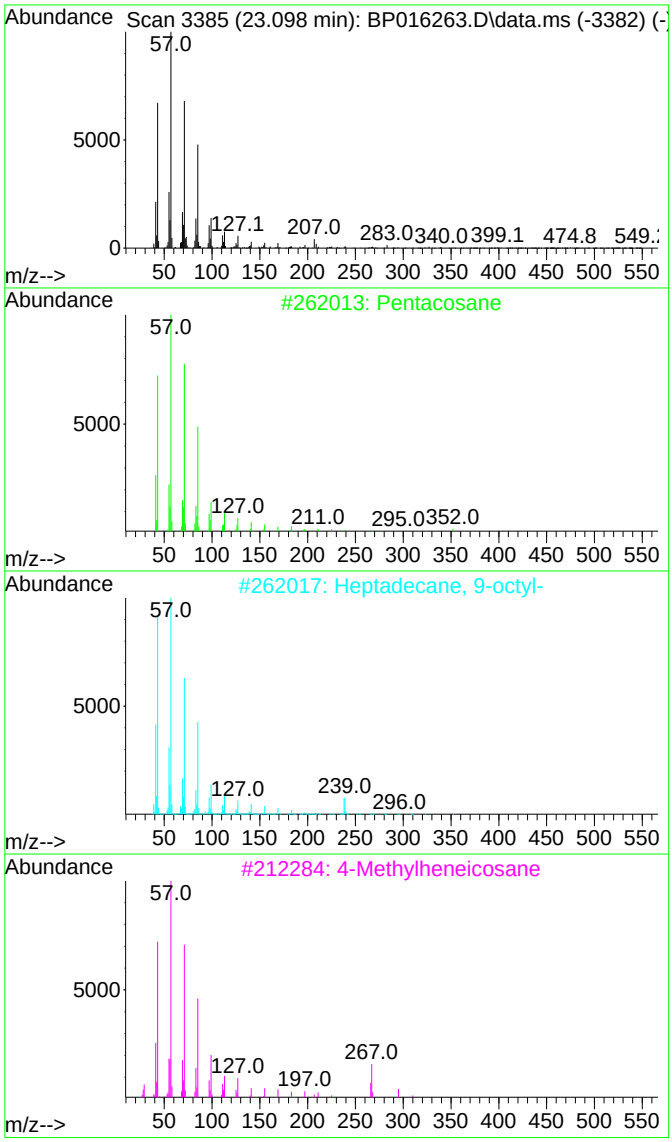
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

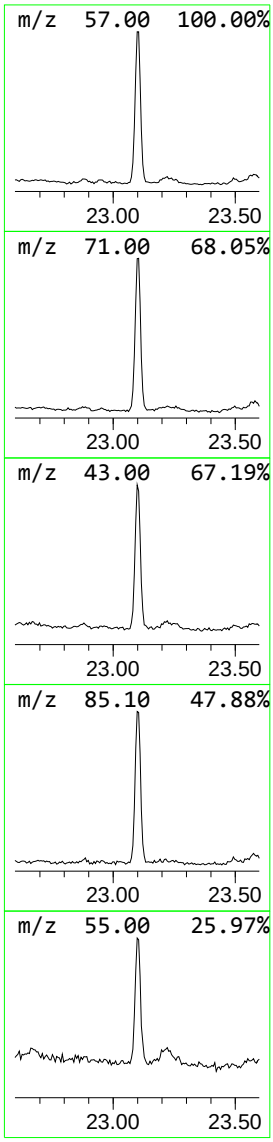
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.098	2.94 ng/ul	626709	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	4-Methylheneicosane	310	C22H46	025117-29-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

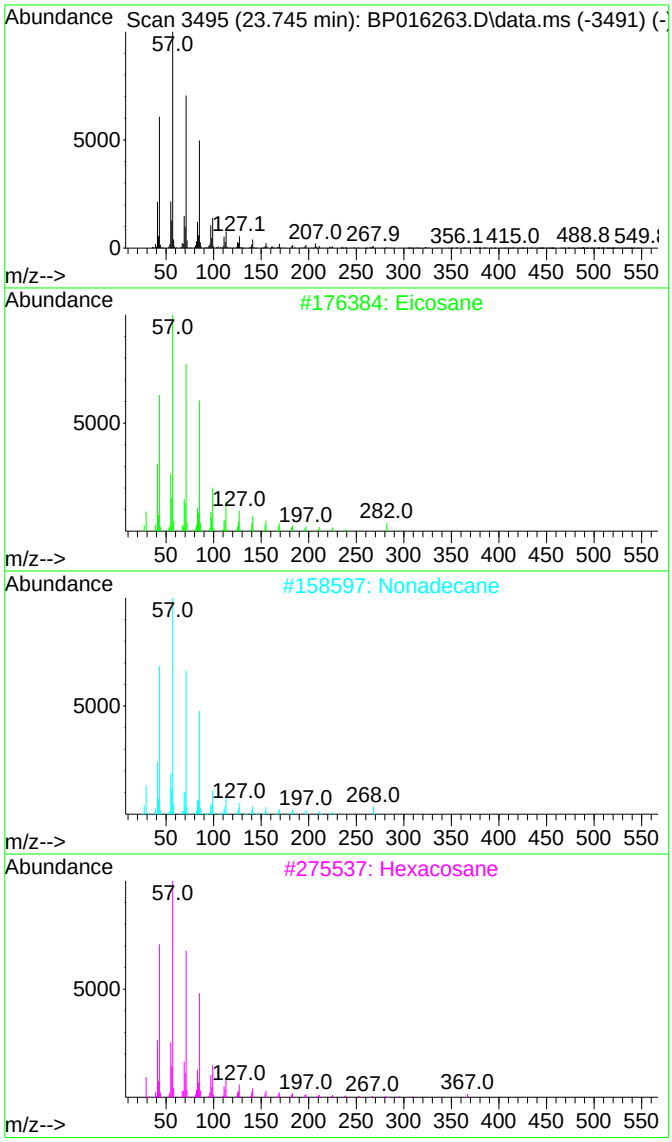
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

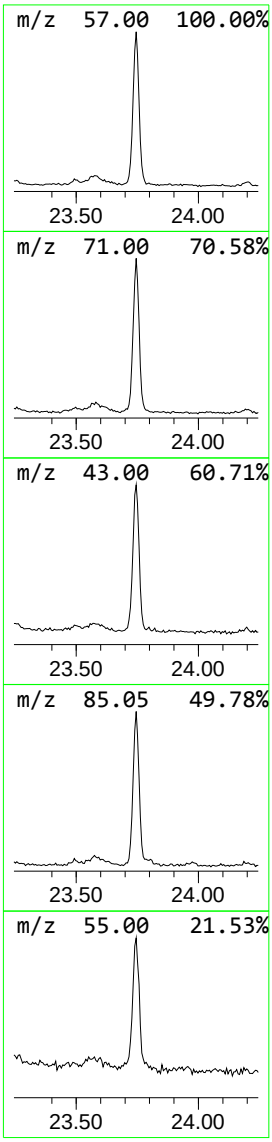
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.745	2.74 ng/ul	584164	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Hexacosane	366	C26H54	000630-01-3	93
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

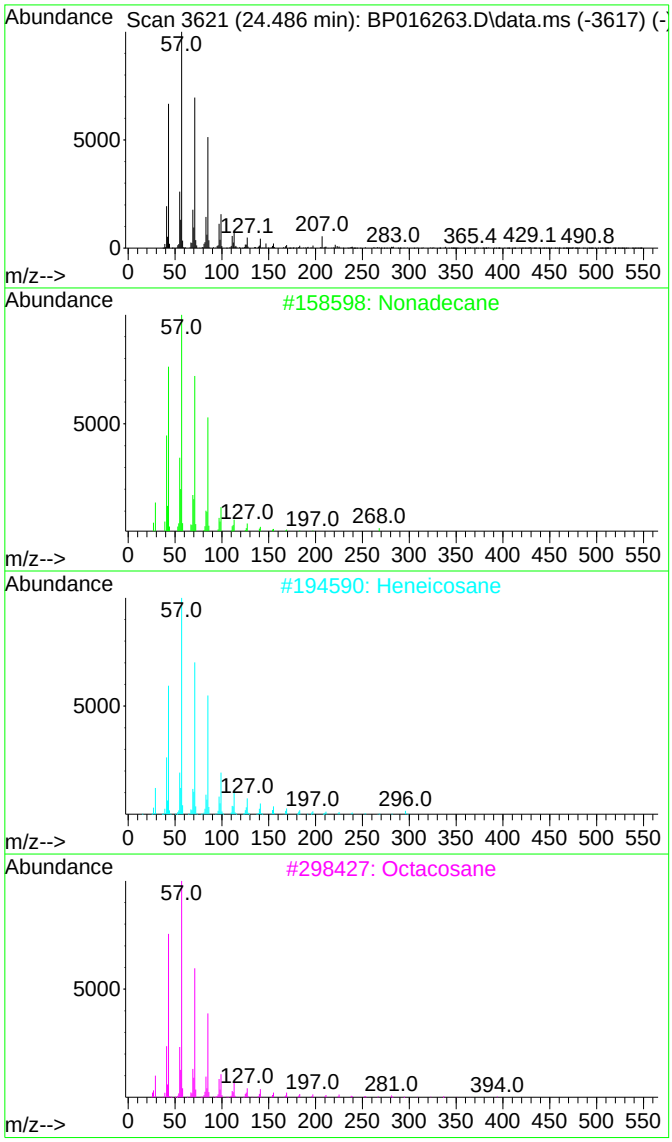
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

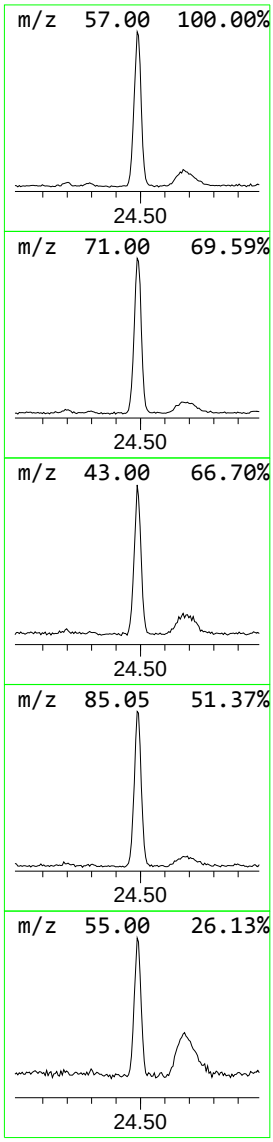
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.486	4.26 ng/ul	907786	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016263.D
Acq On : 17 Jul 2023 20:40
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA46

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
Tetrachloroethy...	4.587	7.5	ng/ul	576305	1	7.958	1540130	20.0
Diethyltoluamide	15.363	5.2	ng/ul	849187	3	14.610	3264000	20.0
Benzophenone	15.987	5.7	ng/ul	928357	3	14.610	3264000	20.0
n-Hexadecanoic ...	18.234	10.2	ng/ul	2063340	4	17.375	4057530	20.0
Octadecanoic acid	19.463	6.4	ng/ul	1459210	5	21.475	4567170	20.0
Hexanoic acid, ...	20.969	2.0	ng/ul	457862	5	21.475	4567170	20.0
Fumaric acid, 2...	21.157	7.0	ng/ul	1593150	5	21.475	4567170	20.0
(DEL) Alkane: S...	23.098	2.9	ng/ul	626709	6	23.968	4260150	20.0
(DEL) Alkane: S...	23.745	2.7	ng/ul	584164	6	23.968	4260150	20.0
(DEL) Alkane: S...	24.486	4.3	ng/ul	907786	6	23.968	4260150	20.0