LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCHA2

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-BP072523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	19	23	34	rVB	93481	134638	1.26%	0.113%
2	3.710	68	72	79	rVB	19108	30459	0.29%	0.025%
3	3.852	91	96	112	rBV	1338693	2014033	18.88%	1.685%
4	4.069	131	133	139	rVB3	9864	14215	0.13%	0.012%
5	4.187	149	153	158	rVB	27160	40162	0.38%	0.034%
6	5.428	359	364	368	rBV2	13992	21744	0.20%	0.018%
7	5.693	405	409	414	rBV2	13222	21245	0.20%	0.018%
8	7.010	626	633	638	rBV3	21507	40849	0.38%	0.034%
9	7.222	659	669	682	rBV	1908490	3020561	28.32%	2.526%
10	7.428	696	704	717	rBV	1503811	2322141	21.77%	1.942%
11	7.610	728	735	744	rBV	1858070	2879742	27.00%	2.409%
12	7.669	744	745	750	rVB5	7893	10702	0.10%	0.009%
13	7.998	796	801	809	rBV2	40708	79230	0.74%	0.066%
14	8.093	811	817	828	rVB	992693	1600727	15.01%	1.339%
15	8.293	847	851	855	rBV2	22229	34424	0.32%	0.029%
16	8.340	856	859	866	rVV	22505	42426	0.40%	0.035%
17	8.410	866	871	880	rVB7	12713	32722	0.31%	0.027%
18	8.787	928	935	947	rBV	2361534	3820152	35.82%	3.195%
19	9.287	1013	1020	1032	rBV	1736879	2814633	26.39%	2.354%
20	9.416	1036	1042	1045	rBV7	7610	12852	0.12%	0.011%
21	10.004	1133	1142	1154	rBV	1251186	2056839	19.28%	1.720%
22	10.163	1163	1169	1178	rVB7	14082	32012	0.30%	0.027%
23	10.451	1209	1218	1224	rBV9	8827	22713	0.21%	0.019%
24	10.528	1224	1231	1240	rBV	2293094	3782235	35.46%	3.163%
25	10.687	1252	1258	1263	rVB6	15042	29186	0.27%	0.024%
26	10.928	1289	1299	1310	rBV	1505394	2473373	23.19%	2.069%
27	11.075	1317	1324	1337	rBV	2280264	3859449	36.18%	3.228%
28	11.657	1419	1423	1427	rBV5	13431	21083	0.20%	0.018%
29	11.881	1453	1461	1466	rBV7	12818	23655	0.22%	0.020%
30	12.151	1502	1507	1511	rBV7	6877	11160	0.10%	0.009%
31	12.281	1525	1529	1535	rBV5	13981	17692	0.17%	0.015%
32	12.498	1560	1566	1573	rVB2	58375	98521	0.92%	0.082%
33	12.728	1600	1605	1608	rVB6	6601	10728	0.10%	0.009%
34	12.928	1631	1639	1645	rBV7	28264	75952	0.71%	0.064%
35	13.081	1659	1665	1668	rBV8	12046	21242	0.20%	0.018%
36	13.222	1685	1689	1698	rVB4	30546	52985	0.50%	0.044%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCHA2

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-BP072523.MA.M
Title : SVOA CALIBRATION

37	13.322	1703	1706	1711	rVB5	18505	26332	0.25%	0.022%
38	13.392	1713	1718	1726	rBV4	31191	69899	0.66%	0.058%
39	13.510	1733	1738	1744	rBV5	39206	69057	0.65%	0.058%
40	13.598	1748	1753	1758	rVB	44556	73947	0.69%	0.062%
41	13.669	1763	1765	1769	rVB5	14800	16968	0.16%	0.014%
42	13.910	1801	1806	1810	rBV8	13765	28278	0.27%	0.024%
43	14.151	1839	1847	1851	rBV	3821315	5600677	52.51%	4.684%
44	14.192	1851	1854	1861	rVB	1657699	2203102	20.66%	1.843%
45	14.439	1889	1896	1905	rBV	4794280	7024398	65.86%	5.875%
46	14.586	1917	1921	1924	rBV	54598	71640	0.67%	0.060%
47	14.739	1940	1947	1954	rVB	2191171	3285566	30.80%	2.748%
48	14.922	1971	1978	1988	rBV	1852910	2795047	26.21%	2.338%
49	15.010	1989	1993	2001	rVB3	54674	100889	0.95%	0.084%
50	15.204	2022	2026	2028	rBV4	24252	33447	0.31%	0.028%
51	15.263	2032	2036	2038	rVV2	66531	92238	0.86%	0.077%
52	15.298	2038	2042	2046	rVB	141353	187972	1.76%	0.157%
53	15.516	2076	2079	2082	rBV	84243	98909	0.93%	0.083%
54	15.727	2109	2115	2126	rBV	5713674	8540063	80.07%	7.143%
55	15.839	2128	2134	2141	rVV	1027532	1399728	13.12%	1.171%
56	15.939	2147	2151	2154	rBV2	55886	82984	0.78%	0.069%
57	16.422	2227	2233	2238	rBV3	161316	317838	2.98%	0.266%
58	17.116	2346	2351	2363	rBV	2391873	3485349	32.68%	2.915%
59	17.210	2363	2367	2370	rVV	156579	194048	1.82%	0.162%
60	17.251	2370	2374	2379	rVB	157664	226534	2.12%	0.189%
61	17.498	2411	2416	2422	rBV	2876470	4097062	38.41%	3.427%
62	17.598	2427	2433	2440	rBV	6225142	9084349	85.17%	7.598%
63	17.680	2444	2447	2454	rVB4	79215	125829	1.18%	0.105%
64	17.951	2489	2493	2499	rVB	193114	237399	2.23%	0.199%
65	18.074	2510	2514	2519	rVB	323866	413199	3.87%	0.346%
66	18.345	2556	2560	2572	rBV	585305	928806	8.71%	0.777%
67	18.563	2594	2597	2602	rVB3	149008	196766	1.84%	0.165%
68	18.621	2604	2607	2611	rBV	74966	87913	0.82%	0.074%
69	18.727	2621	2625	2633	rVB3	509745	718644	6.74%	0.601%
70	18.910	2652	2656	2666	rVB	250343	381591	3.58%	0.319%
71	19.233	2708	2711	2713	rBV	81997	93355	0.88%	0.078%
72	19.463	2748	2750	2758	rVB	126363	205258	1.92%	0.172%
73	19.533	2760	2762	2766	rVV4	86547	108472	1.02%	0.091%
74	19.574	2766	2769	2774	rVV3	156152	227341	2.13%	0.190%
75	19.621	2775	2777	2784	rVB2	125378	169567	1.59%	0.142%
76	19.827	2806	2812	2820	rVB	7708387	10666073	100.00%	8.921%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

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-BP072523.MA.M
Title : SVOA CALIBRATION

77	19.986	2836	2839	2843	rVB2	90556	122660	1.15%	0.103%
78	20.239	2877	2882	2887	rVB	1928998	2216884	20.78%	1.854%
79	20.310	2891	2894	2899	rVB	149848	185096	1.74%	0.155%
80	20.798	2974	2977	2981	rBV	180482	183799	1.72%	0.154%
81	21.262	3052	3056	3067	rBV	735336	1080721	10.13%	0.904%
82	21.468	3088	3091	3095	rVB	132301	157984	1.48%	0.132%
83	21.592	3106	3112	3117	rBV	3050486	4269649	40.03%	3.571%
84	21.715	3130	3133	3140	rVB	197988	231173	2.17%	0.193%
85	22.209	3213	3217	3220	rBV	172435	234773	2.20%	0.196%
86	22.757	3306	3310	3322	rVB4	228071	544054	5.10%	0.455%
87	23.362	3409	3413	3419	rVB	206370	331580	3.11%	0.277%
88	24.021	3516	3525	3544	rBV2	4534077	10181584	95.46%	8.516%
89	24.192	3547	3554	3564	rVB	1891432	4006347	37.56%	3.351%
90	24.886	3667	3672	3681	rVB	212343	473149	4.44%	0.396%

Sum of corrected areas: 119562469

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
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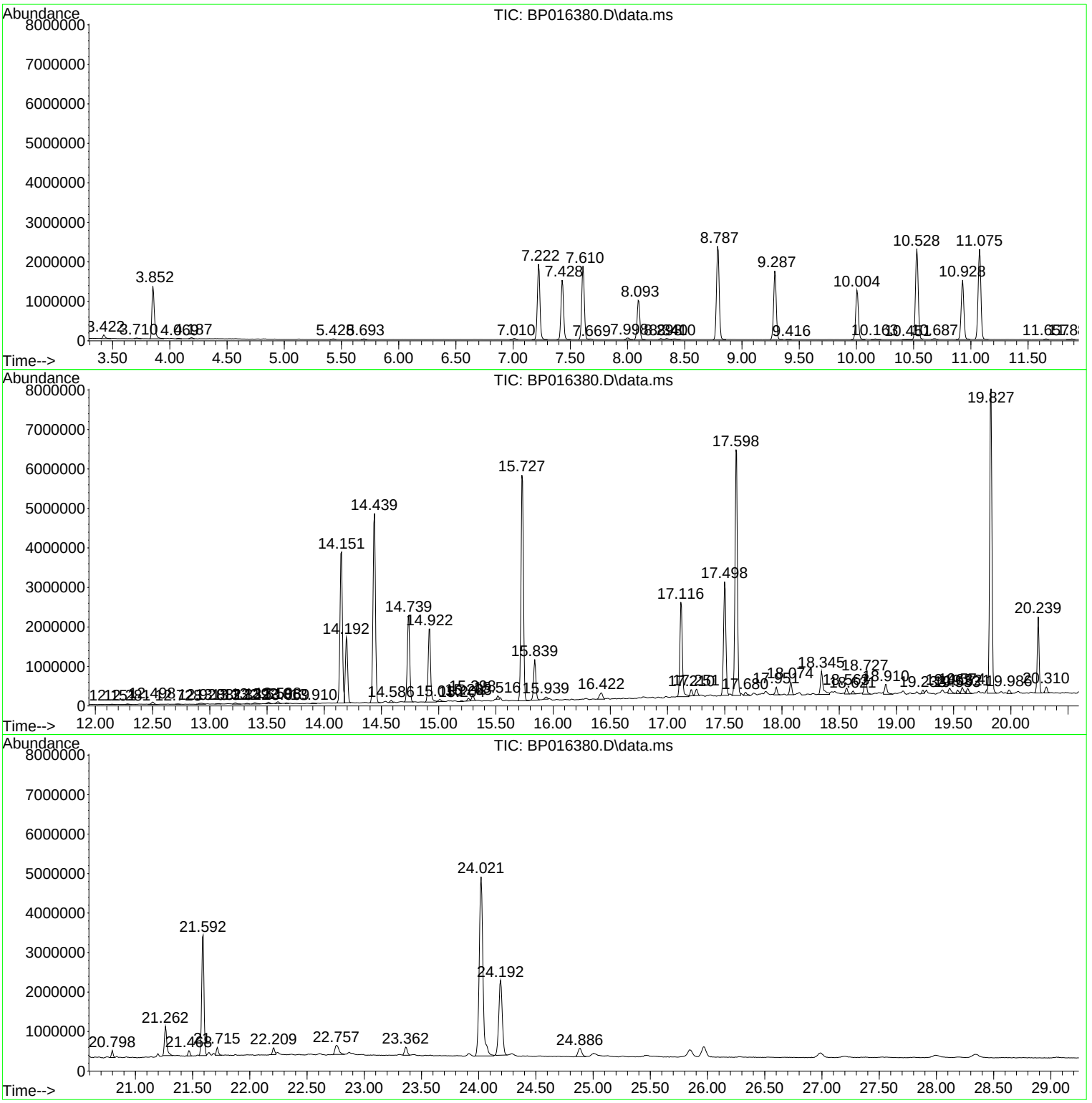
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.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\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

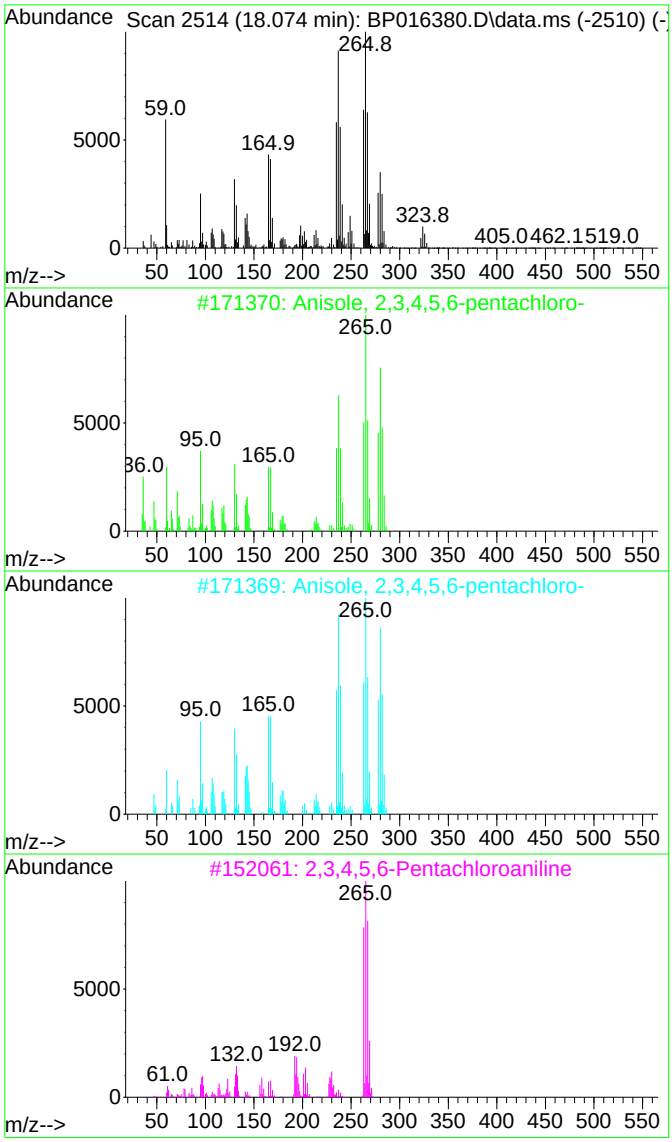
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

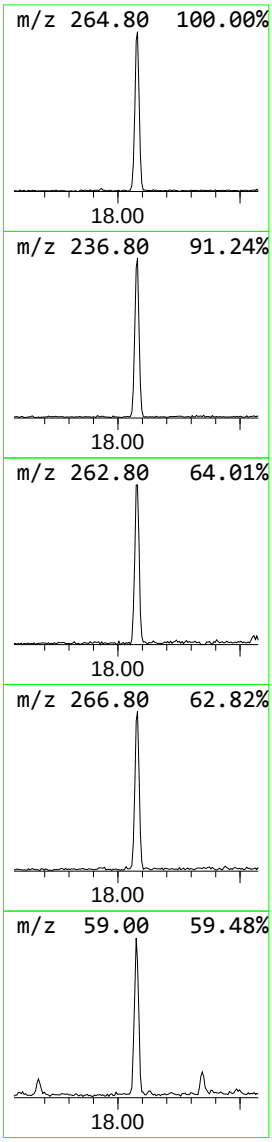
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	2.02 ng/ul	413199	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	60
2	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	45
3	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	38
4	3,5-Dibromophloretic acid	322	C9H8Br2O3	013811-12-6	38
5	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

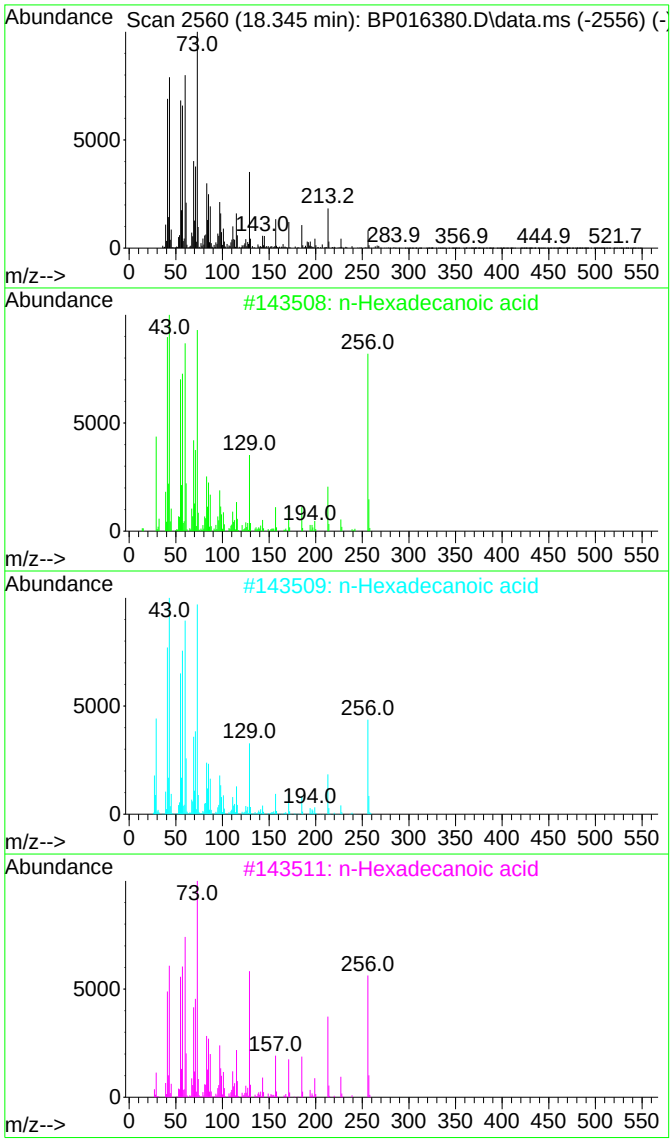
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

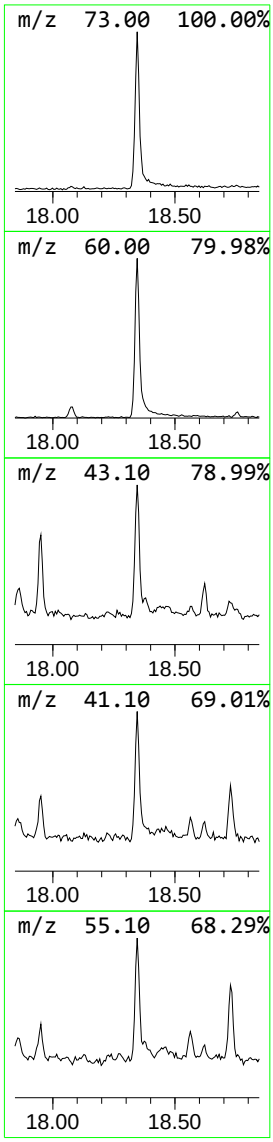
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	4.53 ng/ul	928806	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

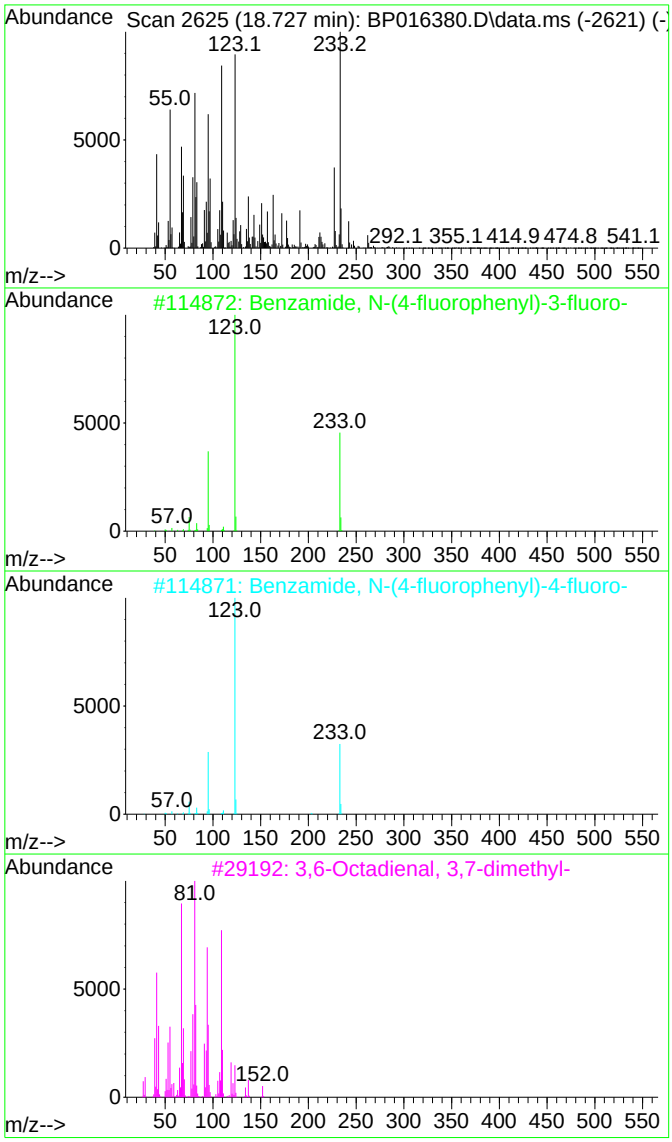
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

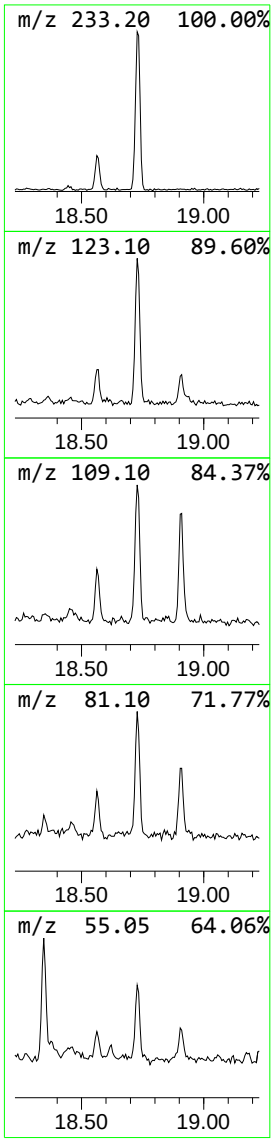
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	3.51 ng/ul	718644	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1010307-16-3	46
2	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	43
3	3,6-Octadienal, 3,7-dimethyl-	152	C10H16O	055722-59-3	15
4	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	14
5	3-Hydroxymandelic acid	168	C8H8O4	017119-15-2	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

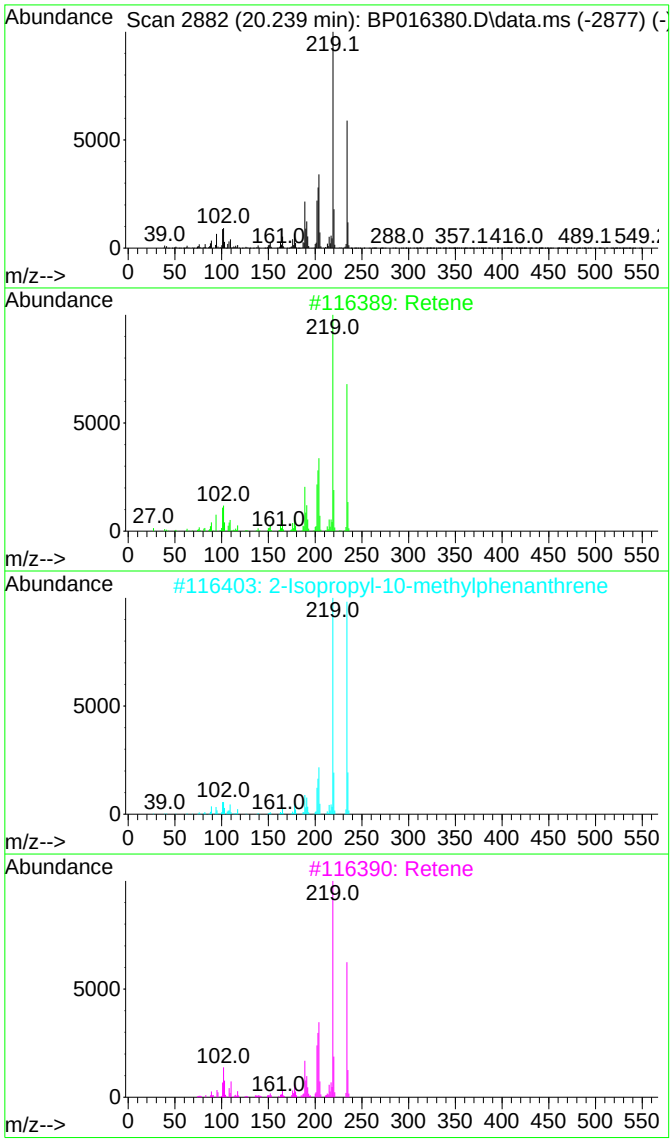
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

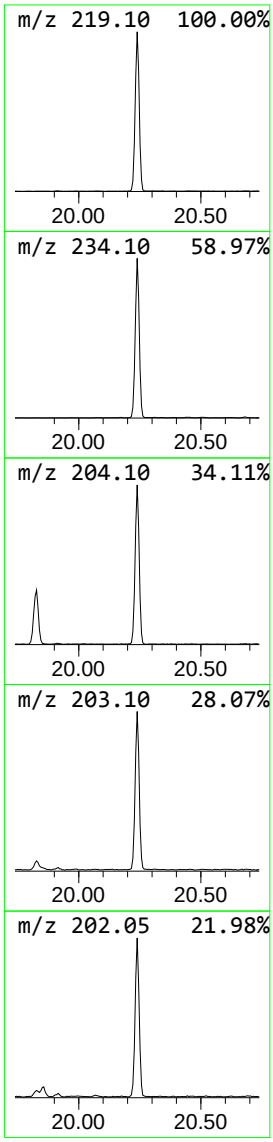
****

Peak Number 4 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	10.38 ng/ul	2216880	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Retene	234	C18H18	000483-65-8	94
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	76
5	Retene	234	C18H18	000483-65-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

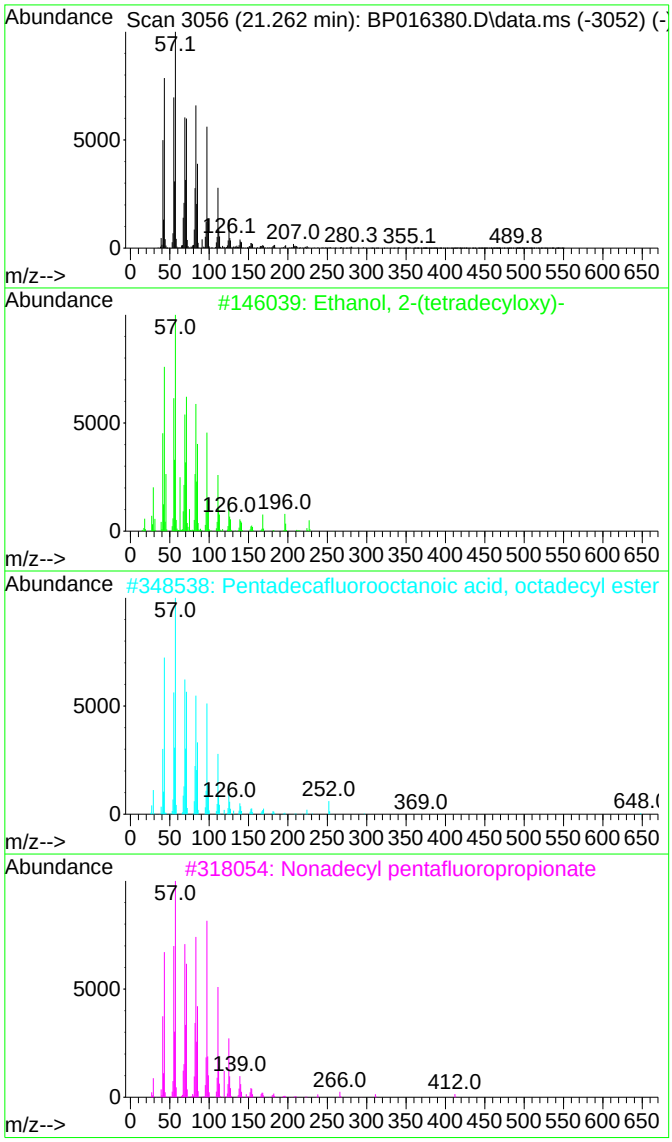
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

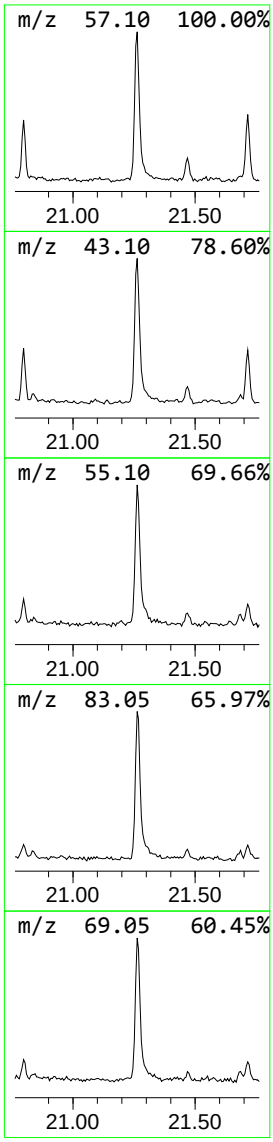
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	5.06 ng/ul	1080720	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5	Cyclotetradecane	196	C14H28	000295-17-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

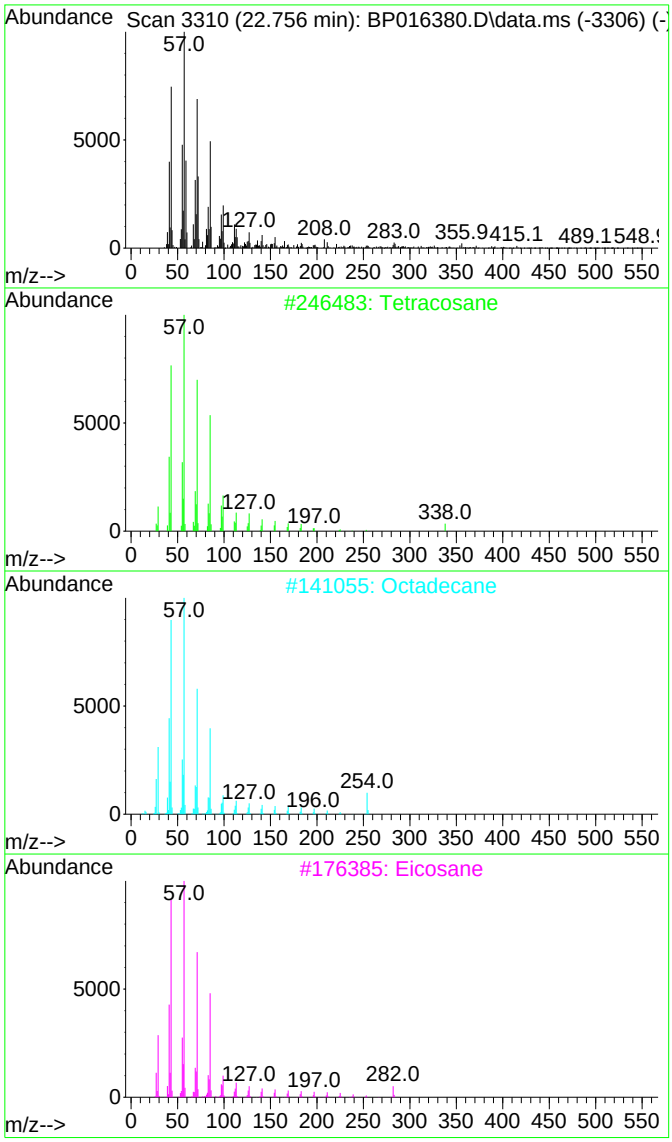
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

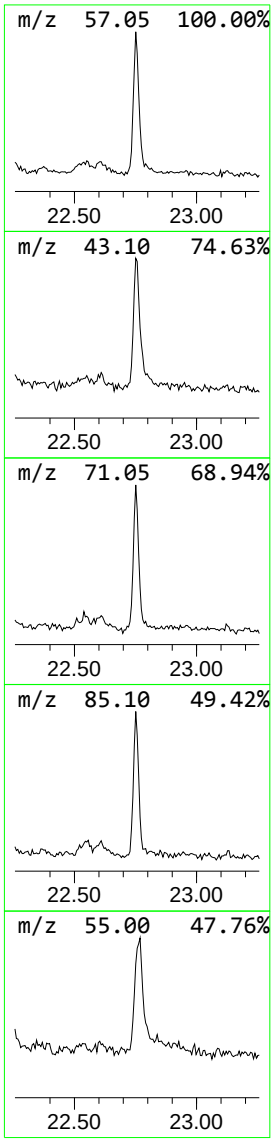
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.756	2.55 ng/ul	544054	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	92
2	Octadecane	254	C18H38	000593-45-3	89
3	Eicosane	282	C20H42	000112-95-8	89
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	70
5	Carbonic acid, pentadecyl prop-1...	312	C19H36O3	1000382-91-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

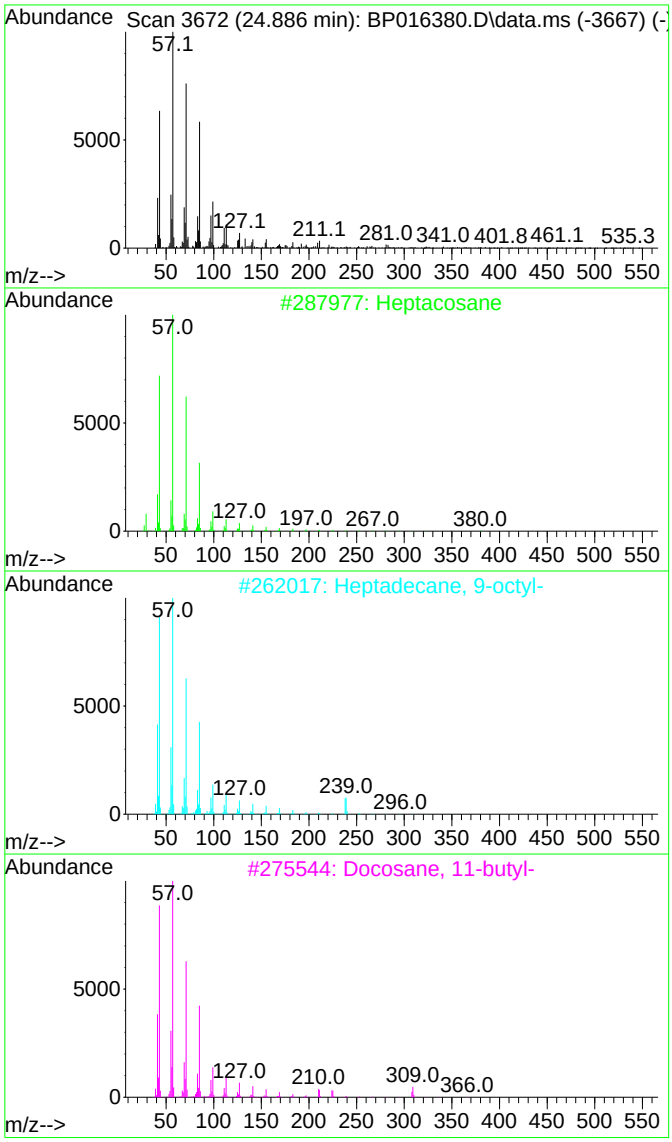
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

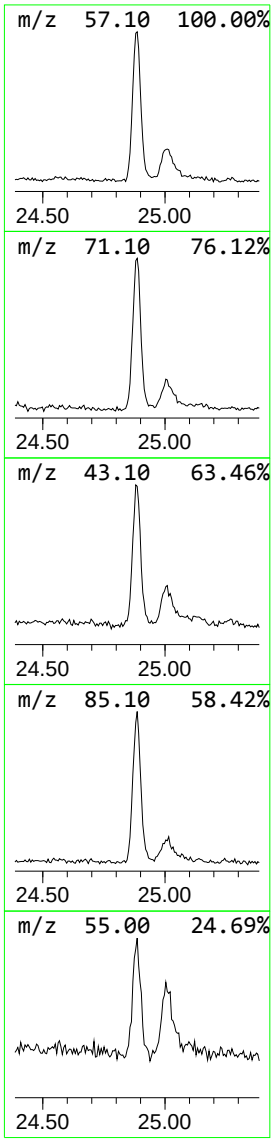
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.886	2.36 ng/ul	473149	Perylene-d12	24.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016380.D
Acq On : 26 Jul 2023 18:06
Operator : MA/JU
Sample : 03575-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.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
Anisole, 2,3,4,...	18.074	2.0	ng/ul	413199	4	17.498	4097060	20.0
n-Hexadecanoic ...	18.345	4.5	ng/ul	928806	4	17.498	4097060	20.0
unknown-01	18.727	3.5	ng/ul	718644	4	17.498	4097060	20.0
Retene	20.239	10.4	ng/ul	2216880	5	21.592	4269650	20.0
Ethanol, 2-(tet...	21.262	5.1	ng/ul	1080720	5	21.592	4269650	20.0
(DEL) Alkane: S...	22.756	2.5	ng/ul	544054	5	21.592	4269650	20.0
(DEL) Alkane: S...	24.886	2.4	ng/ul	473149	6	24.192	4006350	20.0