LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43R4

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020289.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	27	rVB	15256	21113	1.12%	0.091%
2	3.505	68	71	79	rVB3	5842	11358	0.60%	0.049%
3	3.622	87	91	107	rBV	157834	307908	16.31%	1.334%
4	3.911	137	140	147	rVB5	5281	9365	0.50%	0.041%
5	4.852	298	300	305	rVB6	1513	1999	0.11%	0.009%
6	6.716	613	617	620	rBV6	1440	2035	0.11%	0.009%
7	6.810	626	633	648	rBV	211234	468482	24.82%	2.030%
8	6.969	654	660	677	rVB	181334	330818	17.53%	1.434%
9	7.157	685	692	707	rBV	251224	476362	25.24%	2.064%
10	7.616	763	770	784	rBV	266272	458695	24.30%	1.988%
11	8.328	884	891	903	rBV	282404	584461	30.96%	2.533%
12	8.775	960	967	988	rBV	263601	490704	26.00%	2.126%
13	9.122	1021	1026	1031	rBV8	2816	5556	0.29%	0.024%
14	9.363	1063	1067	1075	rBV8	4459	10475	0.55%	0.045%
15	9.487	1080	1088	1104	rBV	216516	424233	22.47%	1.838%
16	10.028	1171	1180	1204	rBV	239798	632699	33.52%	2.742%
17	10.222	1207	1213	1228	rVB3	13752	51761	2.74%	0.224%
18	10.387	1234	1241	1258	rVB	357924	652326	34.56%	2.827%
19	10.551	1261	1269	1290	rBV	255732	594807	31.51%	2.578%
20	10.757	1302	1304	1309	rVB6	2012	2595	0.14%	0.011%
21	10.940	1328	1335	1337	rBV8	1396	2705	0.14%	0.012%
22	11.010	1342	1347	1349	rBV6	1683	2658	0.14%	0.012%
23	11.198	1372	1379	1383	rBV4	6174	15278	0.81%	0.066%
24	11.622	1447	1451	1455	rVB7	1729	2931	0.16%	0.013%
25	11.816	1478	1484	1488	rBV8	1170	1948	0.10%	0.008%
26	12.004	1510	1516	1523	rVB4	5265	10409	0.55%	0.045%
27	12.792	1644	1650	1651	rBV6	1410	2004	0.11%	0.009%
28	13.087	1691	1700	1702	rBV8	2137	4479	0.24%	0.019%
29	13.163	1709	1713	1722	rVB3	8428	15201	0.81%	0.066%
30	13.251	1724	1728	1733	rVV7	3335	5738	0.30%	0.025%
31	13.316	1736	1739	1745	rVB8	1193	2023	0.11%	0.009%
32	13.440	1755	1760	1762	rBV6	1401	1926	0.10%	0.008%
33	13.704	1798	1805	1824	rBV	584056	910206	48.22%	3.944%
34	13.981	1844	1852	1871	rBV	660113	1151531	61.00%	4.990%
35	14.187	1882	1887	1892	rVB9	2701	3784	0.20%	0.016%
36	14.292	1898	1905	1913	rBV	607604	873364	46.27%	3.785%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43R4

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	14.351	1913	1915	1919	rVB5	4083	6247	0.33%	0.027%
38	14.534	1938	1946	1949	rBV4	23931	54284	2.88%	0.235%
39	14.581	1949	1954	1973	rVV	101278	314670	16.67%	1.364%
40	14.745	1980	1982	1986	rVB4	5495	7376	0.39%	0.032%
41	14.934	2011	2014	2018	rBV6	2375	3622	0.19%	0.016%
42	14.998	2021	2025	2027	rBV5	2202	3110	0.16%	0.013%
43	15.181	2050	2056	2060	rBV8	3344	6774	0.36%	0.029%
44	15.322	2073	2080	2088	rBV	876439	1347112	71.36%	5.838%
45	15.481	2101	2107	2119	rBV	132003	242508	12.85%	1.051%
46	15.686	2140	2142	2147	rVB6	2668	4060	0.22%	0.018%
47	15.922	2177	2182	2188	rVB10	2864	5569	0.30%	0.024%
48	16.092	2205	2211	2216	rBV10	9837	25295	1.34%	0.110%
49	16.198	2227	2229	2232	rVB4	3038	1990	0.11%	0.009%
50	16.322	2247	2250	2252	rVB4	2743	2801	0.15%	0.012%
51	16.392	2260	2262	2264	rBV3	2725	3130	0.17%	0.014%
52	16.539	2285	2287	2292	rVB5	3410	4894	0.26%	0.021%
53	16.804	2326	2332	2338	rBV4	17078	40650	2.15%	0.176%
54	16.957	2354	2358	2365	rVB	13747	21361	1.13%	0.093%
55	17.139	2382	2389	2394	rBV	677846	1116887	59.17%	4.840%
56	17.180	2394	2396	2402	rVV	266514	431917	22.88%	1.872%
57	17.245	2402	2407	2422	rVB2	903078	1493656	79.13%	6.473%
58	17.698	2480	2484	2489	rVB2	14909	22513	1.19%	0.098%
59	18.069	2542	2547	2548	rBV	20222	25608	1.36%	0.111%
60	18.104	2548	2553	2563	rVB2	170056	300587	15.92%	1.303%
61	18.263	2576	2580	2585	rVB	37843	50153	2.66%	0.217%
62	18.557	2628	2630	2631	rBV2	8615	6885	0.36%	0.030%
63	18.598	2632	2637	2642	rVV2	40180	76716	4.06%	0.332%
64	18.651	2642	2646	2651	rVB4	24743	39689	2.10%	0.172%
65	18.822	2673	2675	2678	rBV4	7761	9575	0.51%	0.041%
66	19.086	2717	2720	2723	rBV4	23211	30857	1.63%	0.134%
67	19.180	2732	2736	2741	rBV3	36892	56140	2.97%	0.243%
68	19.298	2751	2756	2760	rBV	476829	669087	35.45%	2.899%
69	19.357	2763	2766	2772	rVB6	101124	186752	9.89%	0.809%
70	19.457	2777	2783	2790	rVB2	117027	217069	11.50%	0.941%
71	19.598	2802	2807	2809	rBV6	36882	54475	2.89%	0.236%
72	19.651	2810	2816	2819	rVV	1231287	1887665	100.00%	8.180%
73	19.680	2819	2821	2826	rVB	568156	622904	33.00%	2.699%
74	19.869	2851	2853	2855	rBV3	16348	17762	0.94%	0.077%
75	20.027	2876	2880	2891	rVB8	40890	115107	6.10%	0.499%
76	20.169	2900	2904	2906	rBV5	26514	41572	2.20%	0.180%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

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-BP050124.MA.M
Title : SVOA CALIBRATION

77	20.974	3039	3041	3042	rBV2	35444	25978	1.38%	0.113%
78	21.080	3055	3059	3066	rVB7	77433	122805	6.51%	0.532%
79	21.321	3097	3100	3105	rVB2	131201	202913	10.75%	0.879%
80	21.645	3148	3155	3161	rBV2	900048	1599893	84.76%	6.933%
81	24.786	3679	3689	3697	rBV	616449	1687881	89.42%	7.314%
82	25.009	3721	3727	3739	rVB	532172	1324156	70.15%	5.738%

Sum of corrected areas: 23076592

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
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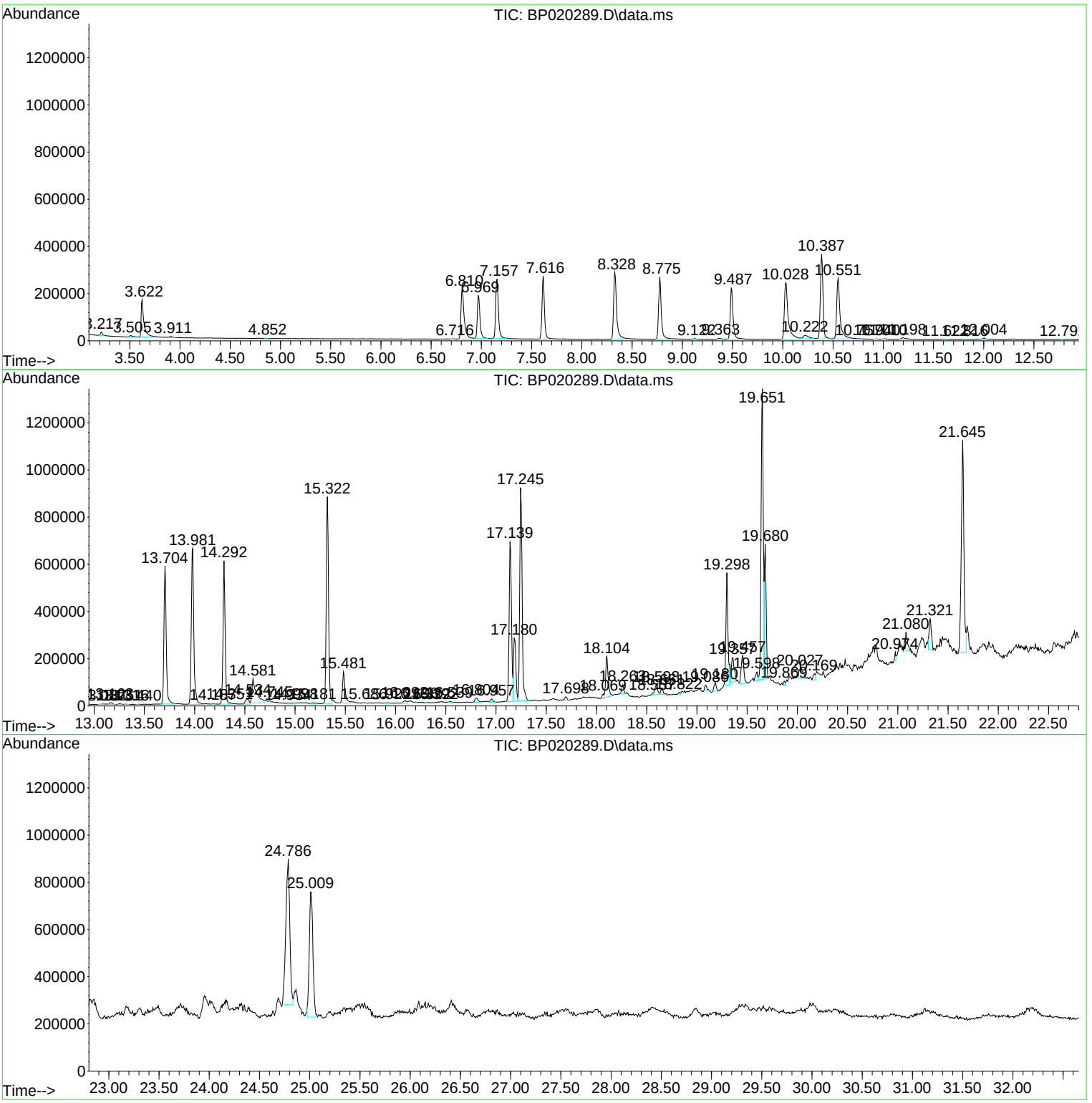
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

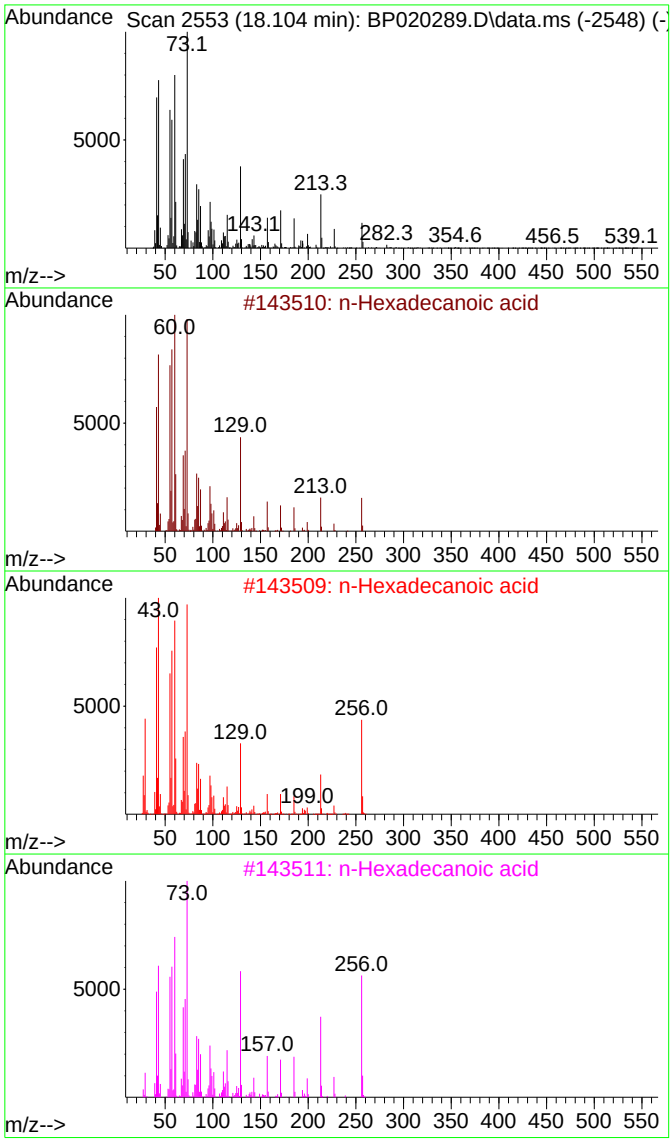
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

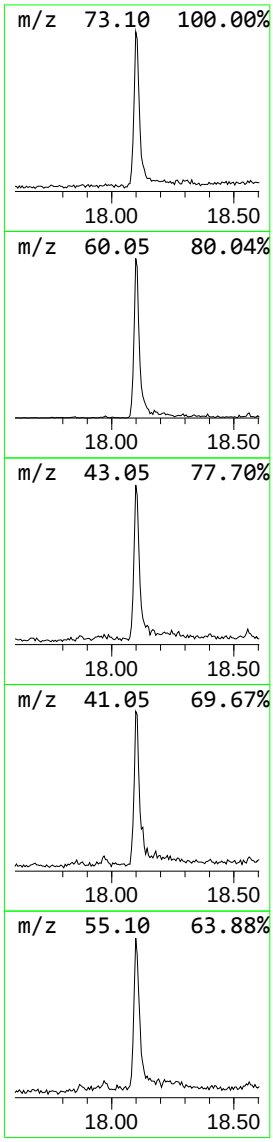
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	5.38 ng/ul	300587	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
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	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

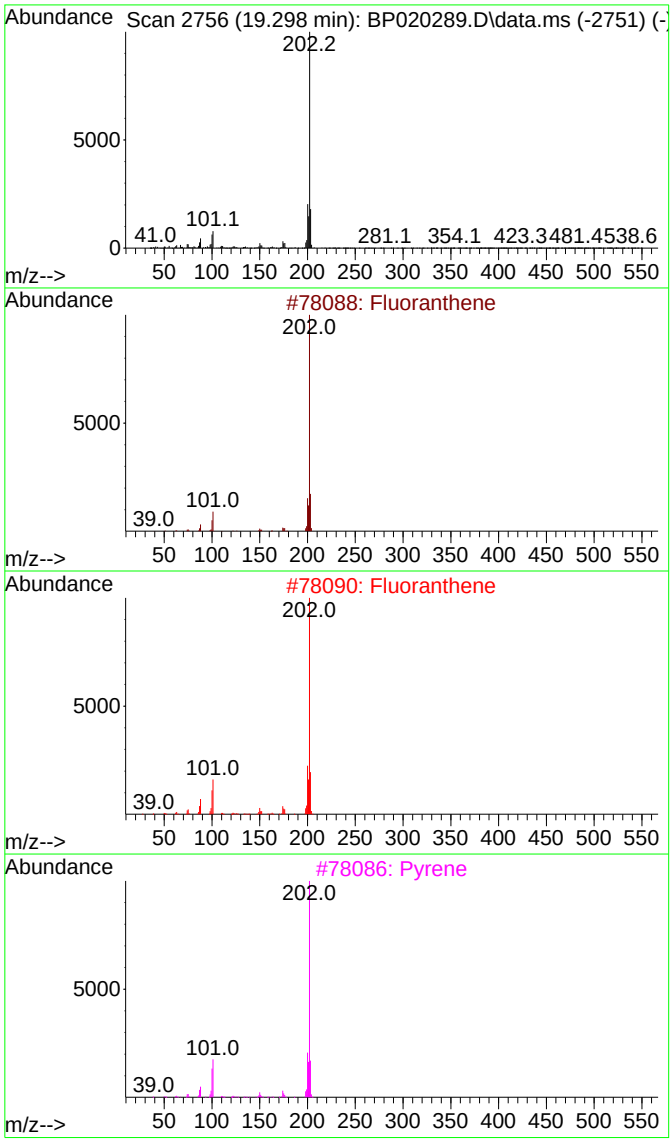
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

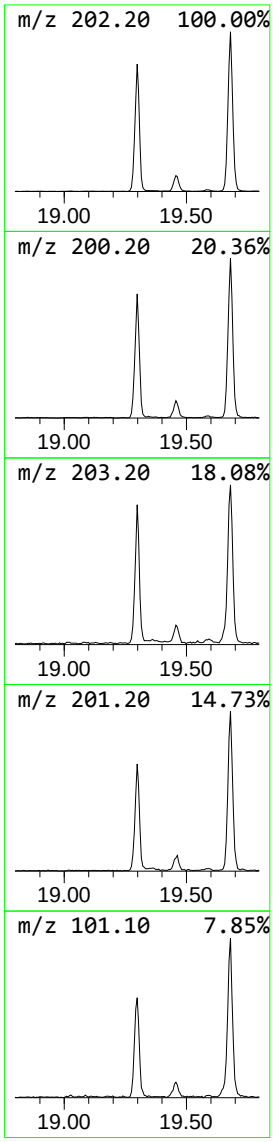
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	11.98 ng/ul	669087	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	94
3	Pyrene	202	C16H10	000129-00-0	90
4	Pyrene	202	C16H10	000129-00-0	90
5	Pyrene	202	C16H10	000129-00-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

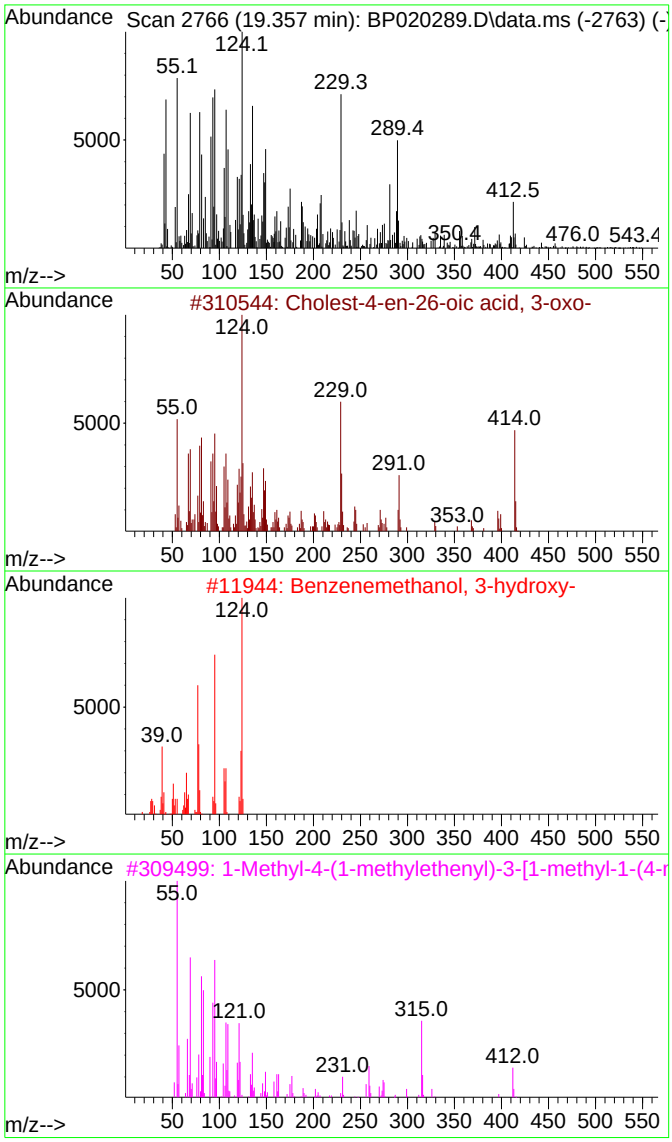
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

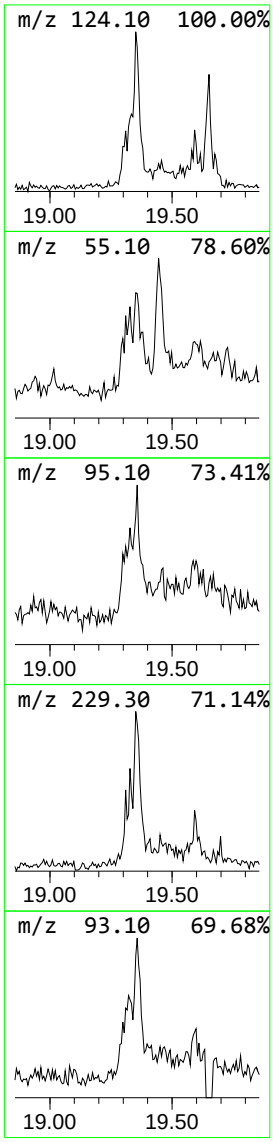
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cholest-4-en-26-oic acid, 3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	3.34 ng/ul	186752	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-26-oic acid, 3-oxo-	414	C27H42O3	023017-97-2	59
2	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	30
3	1-Methyl-4-(1-methylethenyl)-3-[...	412	C30H52	1000370-41-5	20
4	N-Phenyl-1H-pyrazole-3-carboxami...	229	C12H11N3O2	1000512-11-4	20
5	Testosterone cypionate	412	C27H40O3	000058-20-8	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

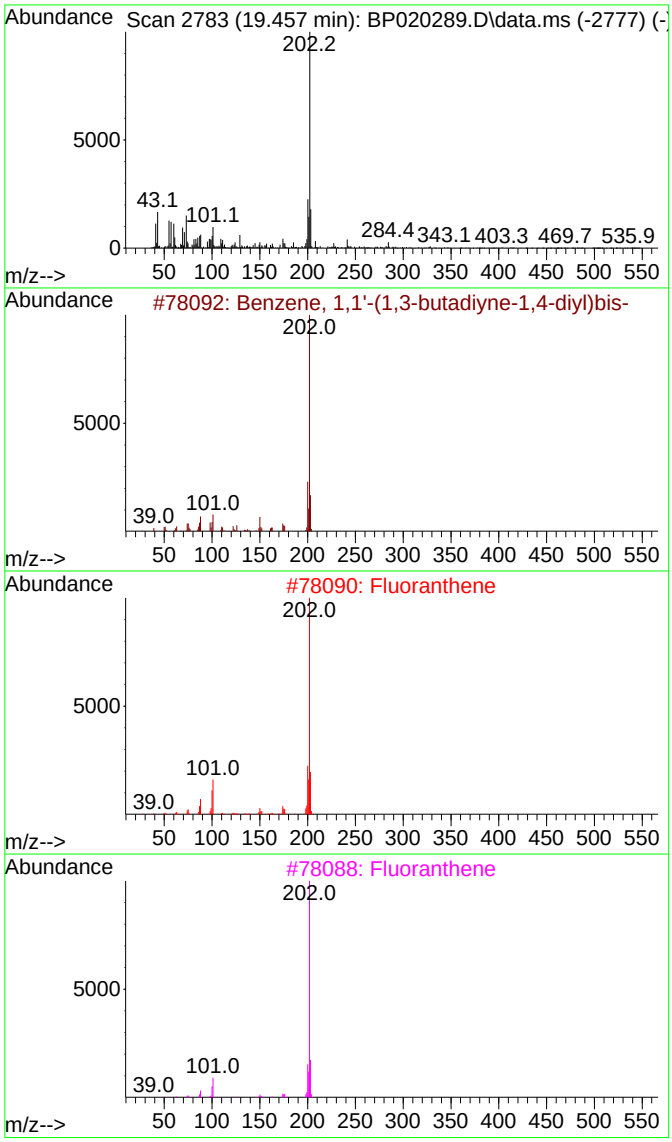
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

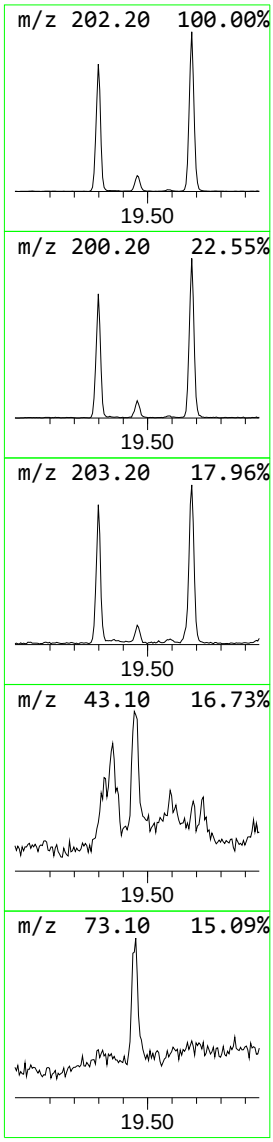
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.457	2.71 ng/ul	217069	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	83
2	Fluoranthene	202	C16H10	000206-44-0	78
3	Fluoranthene	202	C16H10	000206-44-0	70
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
5	Pyrene	202	C16H10	000129-00-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

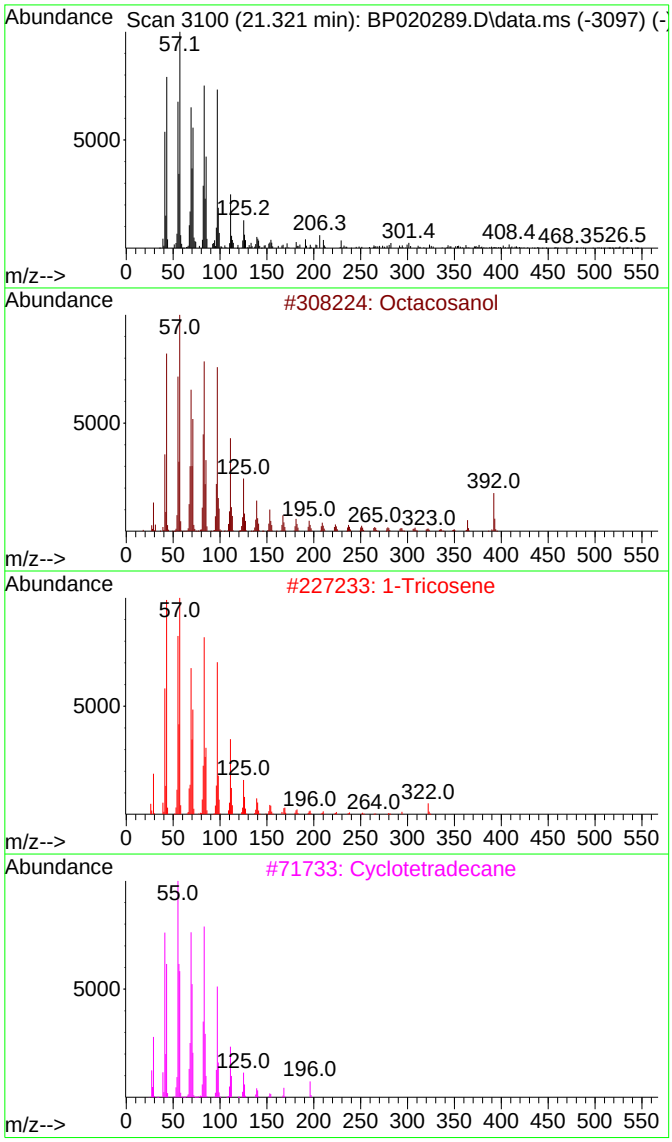
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

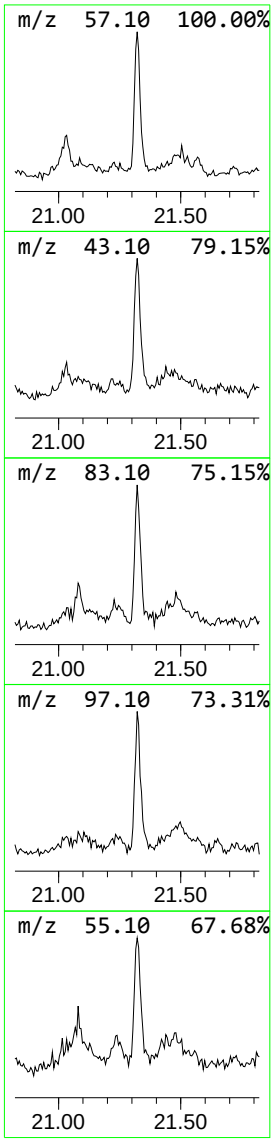
****

Peak Number 5 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.54 ng/ul	202913	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	1-Tricosene	322	C23H46	018835-32-0	81
3	Cyclotetradecane	196	C14H28	000295-17-0	78
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
5	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020289.D
Acq On : 10 May 2024 13:31
Operator : MA/JU
Sample : P2370-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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
n-Hexadecanoic ...	18.104	5.4	ng/ul	300587	4	17.139	1116890	20.0
Fluoran thene	19.298	12.0	ng/ul	669087	4	17.139	1116890	20.0
Cholest-4-en-26...	19.357	3.3	ng/ul	186752	4	17.139	1116890	20.0
Benzene, 1,1'-(...	19.457	2.7	ng/ul	217069	5	21.645	1599890	20.0
Octacosanol	21.321	2.5	ng/ul	202913	5	21.645	1599890	20.0