LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021372.D
Acq On : 05 Aug 2024 14:37
Operator : CG/JU
Sample : P3300-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	26	30	36	rBV	32565	46913	1.16%	0.106%
2	3.493	82	86	91	rBV3	9594	18730	0.46%	0.042%
3	3.593	100	103	122	rBV	145073	309485	7.64%	0.697%
4	3.875	147	151	162	rVB	22021	37106	0.92%	0.084%
5	4.252	210	215	222	rBV5	9895	14944	0.37%	0.034%
6	4.375	232	236	240	rBV7	4116	6209	0.15%	0.014%
7	4.646	278	282	289	rBV7	4250	8113	0.20%	0.018%
8	4.963	332	336	340	rBV6	3912	6217	0.15%	0.014%
9	5.305	390	394	399	rBV8	3736	8630	0.21%	0.019%
10	5.534	427	433	442	rVB	13753	29374	0.73%	0.066%
11	5.658	450	454	460	rBV9	2946	5145	0.13%	0.012%
12	5.734	460	467	474	rBV9	11209	30042	0.74%	0.068%
13	5.910	492	497	502	rVB9	3177	6257	0.15%	0.014%
14	6.522	596	601	602	rBV5	3731	5063	0.13%	0.011%
15	6.534	602	603	610	rVV7	4851	6501	0.16%	0.015%
16	6.610	612	616	619	rBV6	2457	4460	0.11%	0.010%
17	6.863	651	659	671	rBV2	77435	260956	6.44%	0.588%
18	6.969	671	677	694	rVB	389835	720772	17.80%	1.624%
19	7.169	704	711	732	rBV	459624	933737	23.05%	2.103%
20	7.322	734	737	742	rBV7	3475	5199	0.13%	0.012%
21	7.610	779	786	793	rBV	634643	1093545	27.00%	2.463%
22	7.675	793	797	814	rVB2	93604	295100	7.29%	0.665%
23	7.963	843	846	852	rVB8	2631	5135	0.13%	0.012%
24	8.352	906	912	936	rBV2	255504	775009	19.14%	1.746%
25	8.693	964	970	975	rVB9	2472	4631	0.11%	0.010%
26	8.781	977	985	1007	rBV	407329	911144	22.50%	2.052%
27	8.928	1007	1010	1014	rBV6	4878	7537	0.19%	0.017%
28	9.075	1029	1035	1042	rVB6	24511	50524	1.25%	0.114%
29	9.246	1060	1064	1071	rBV10	5781	14237	0.35%	0.032%
30	9.351	1074	1082	1089	rBV5	13520	32619	0.81%	0.073%
31	9.493	1098	1106	1126	rBV	305271	768745	18.98%	1.732%
32	9.822	1157	1162	1166	rBV8	13026	30314	0.75%	0.068%
33	10.051	1194	1201	1223	rBV	346885	1093202	26.99%	2.462%
34	10.375	1249	1256	1269	rBV	946531	1543606	38.11%	3.477%
35	10.551	1279	1286	1308	rBV	268432	912400	22.53%	2.055%
36	10.822	1329	1332	1336	rVB6	3764	5569	0.14%	0.013%

LSC Area Percent Report

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Operator : CG/JU
Sample : P3300-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	11.034	1367	1368	1374	rVB6	4130	4594	0.11%	0.010%
38	11.175	1384	1392	1401	rBV3	41491	133399	3.29%	0.300%
39	11.551	1451	1456	1464	rVV10	7605	16809	0.42%	0.038%
40	11.775	1490	1494	1495	rBV4	3970	4187	0.10%	0.009%
41	11.922	1515	1519	1523	rVB5	6190	9167	0.23%	0.021%
42	11.987	1523	1530	1535	rBV7	7472	16550	0.41%	0.037%
43	12.157	1551	1559	1563	rBV7	3031	7072	0.17%	0.016%
44	12.287	1576	1581	1585	rBV5	14489	22070	0.54%	0.050%
45	12.575	1624	1630	1633	rBV8	10685	20960	0.52%	0.047%
46	12.610	1634	1636	1646	rVB8	11669	25151	0.62%	0.057%
47	12.704	1646	1652	1653	rBV6	6350	11146	0.28%	0.025%
48	12.734	1655	1657	1660	rVV4	7154	6971	0.17%	0.016%
49	12.787	1663	1666	1671	rVV7	7020	12473	0.31%	0.028%
50	12.834	1671	1674	1678	rVB6	4325	7417	0.18%	0.017%
51	12.998	1695	1702	1703	rBV7	10344	18013	0.44%	0.041%
52	13.034	1705	1708	1712	rVB2	11906	16200	0.40%	0.036%
53	13.175	1726	1732	1737	rBV8	7385	15973	0.39%	0.036%
54	13.428	1771	1775	1778	rBV6	7836	11955	0.30%	0.027%
55	13.610	1803	1806	1809	rBV4	8210	13230	0.33%	0.030%
56	13.675	1809	1817	1827	rVV	985665	1713339	42.30%	3.859%
57	13.945	1856	1863	1874	rBV	1264505	2079728	51.35%	4.685%
58	14.063	1879	1883	1890	rVV7	28537	49927	1.23%	0.112%
59	14.128	1890	1894	1900	rVV2	29489	46156	1.14%	0.104%
60	14.192	1903	1905	1908	rVV3	16073	24108	0.60%	0.054%
61	14.251	1908	1915	1930	rVB	1260449	2128189	52.55%	4.794%
62	14.657	1979	1984	1987	rBV7	33691	67820	1.67%	0.153%
63	14.769	1999	2003	2010	rBV9	15807	33075	0.82%	0.075%
64	15.034	2044	2048	2055	rVB5	58667	98881	2.44%	0.223%
65	15.104	2056	2060	2064	rBV5	22686	47265	1.17%	0.106%
66	15.275	2082	2089	2103	rBV	1486813	2796125	69.04%	6.298%
67	15.457	2115	2120	2129	rBV	297534	690552	17.05%	1.555%
68	16.004	2210	2213	2218	rVB	114381	185106	4.57%	0.417%
69	16.851	2353	2357	2362	rVB	119747	190908	4.71%	0.430%
70	17.075	2390	2395	2407	rBV	1884291	2676406	66.08%	6.029%
71	17.180	2407	2413	2421	rVV2	1605025	2955126	72.96%	6.656%
72	18.004	2549	2553	2562	rVB2	310099	473035	11.68%	1.066%
73	19.339	2777	2780	2788	rBV	302488	562336	13.88%	1.267%
74	19.563	2813	2818	2826	rBV	2290204	3793145	93.65%	8.544%
75	20.492	2971	2976	2983	rBV	1466485	2255434	55.69%	5.080%
76	21.410	3129	3132	3140	rVB	309746	425002	10.49%	0.957%

LSC Area Percent Report

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Sample : P3300-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	21.527	3147	3152	3162	rVB2	1678716	2952871	72.91%	6.651%
78	24.586	3664	3672	3687	rVB	1470959	4050192	100.00%	9.123%
79	24.827	3704	3713	3727	rVB2	1167685	3720115	91.85%	8.380%

Sum of corrected areas: 44395348

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
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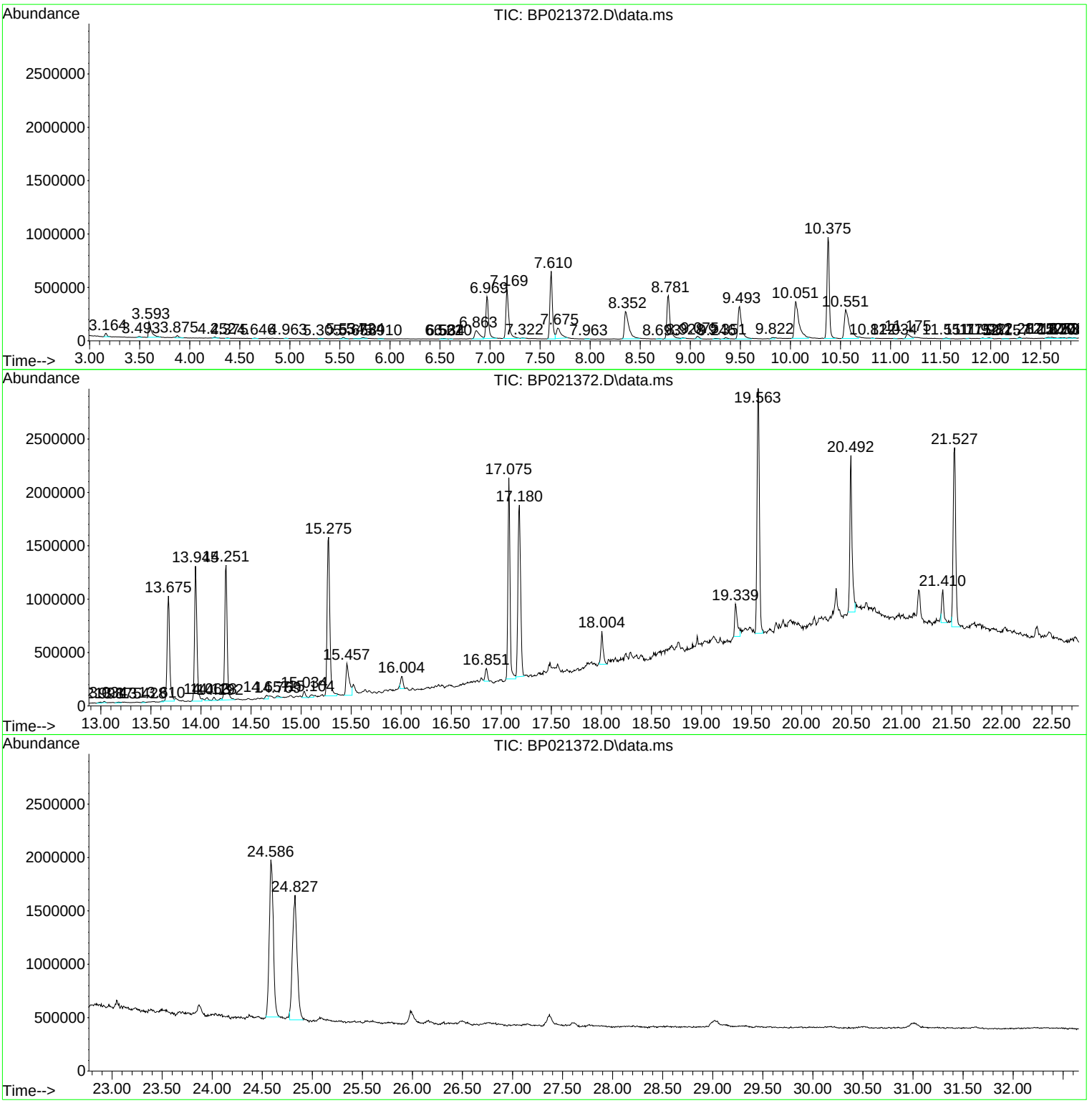
Operator : CG/JU
Sample : P3300-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP080524\
Data File : BP021372.D
Acq On : 05 Aug 2024 14:37
Operator : CG/JU
Sample : P3300-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

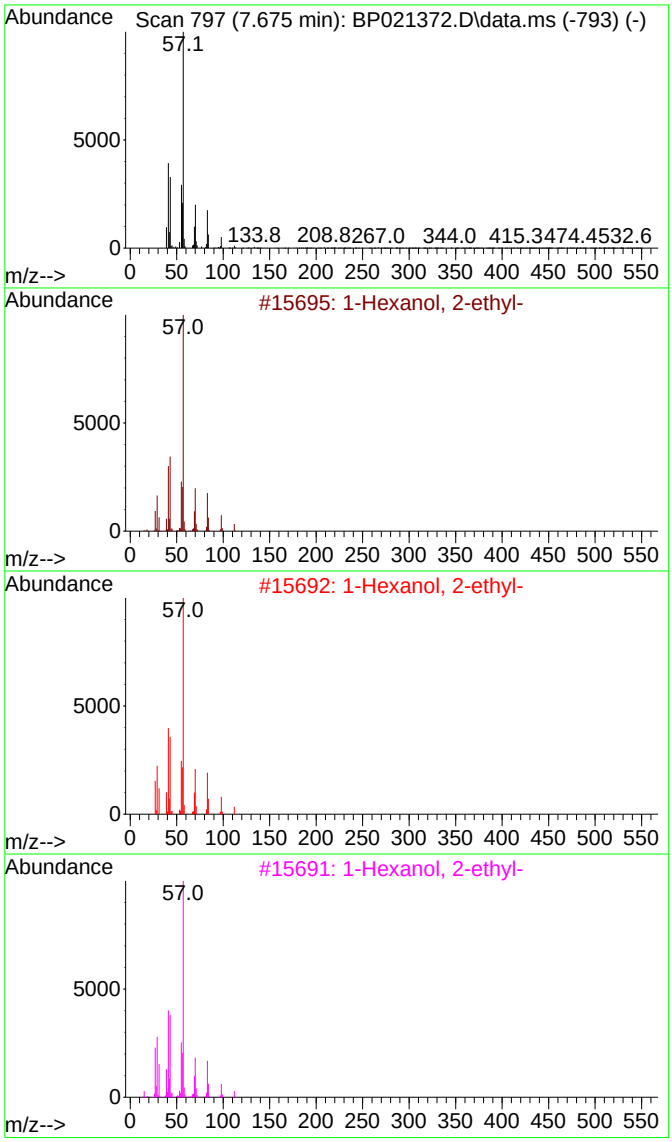
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

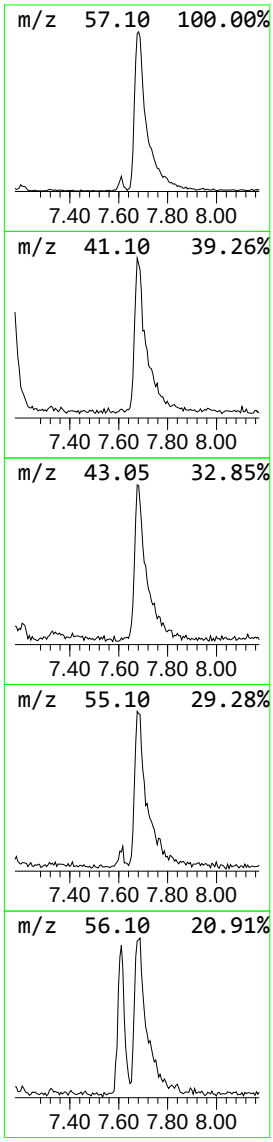
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	5.40 ng/ul	295100	1,4-Dichlorobenzene-d4	7.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
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Operator : CG/JU
Sample : P3300-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

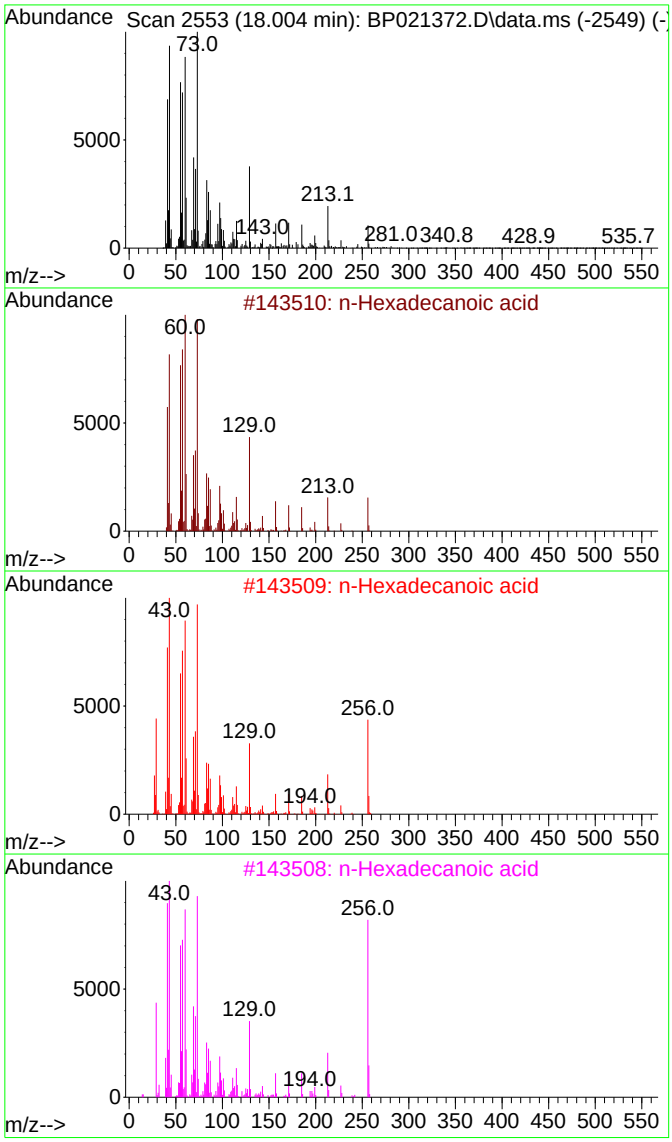
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

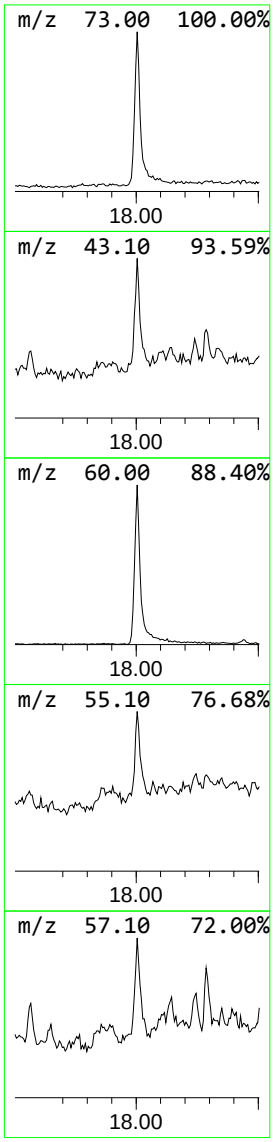
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	3.53 ng/ul	473035	Phenanthrene-d10	17.075

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021372.D
Acq On : 05 Aug 2024 14:37
Operator : CG/JU
Sample : P3300-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

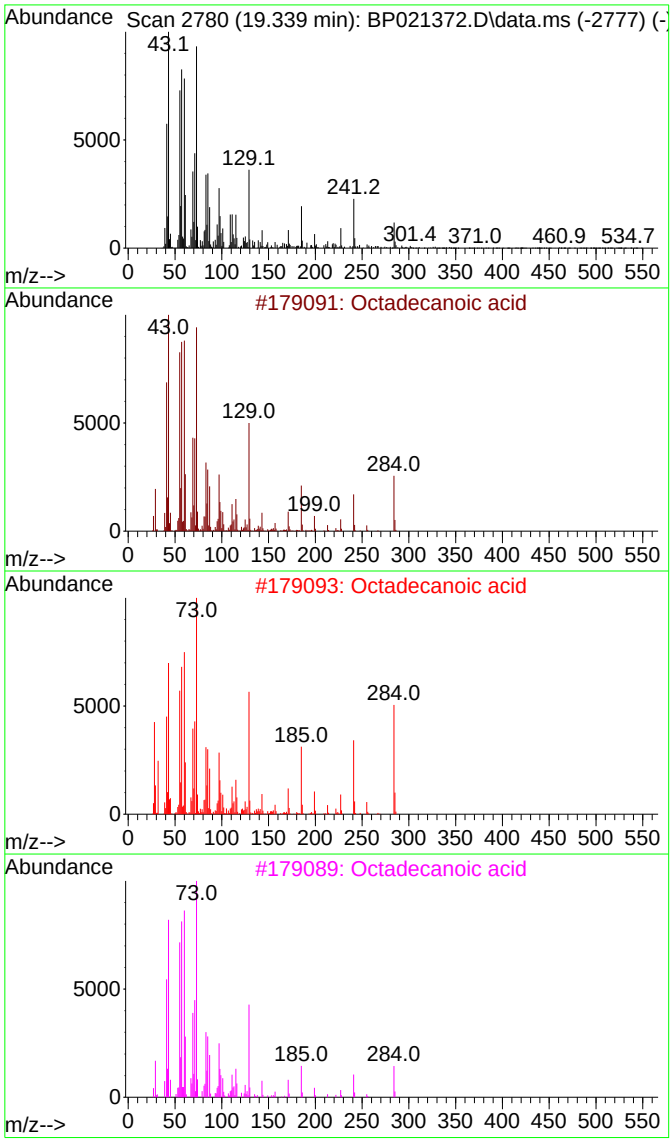
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

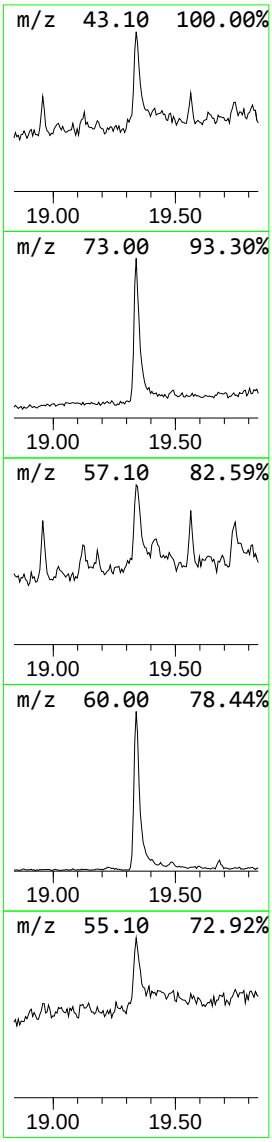
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	3.81 ng/ul	562336	Chrysene-d12	21.527

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	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1GA5

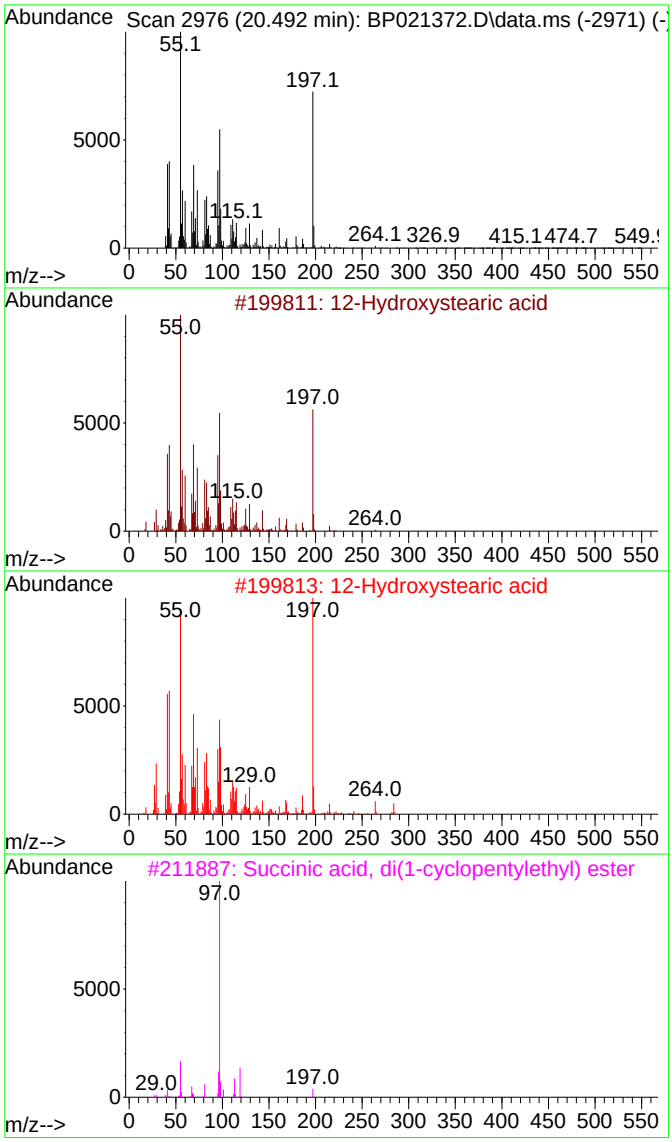
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

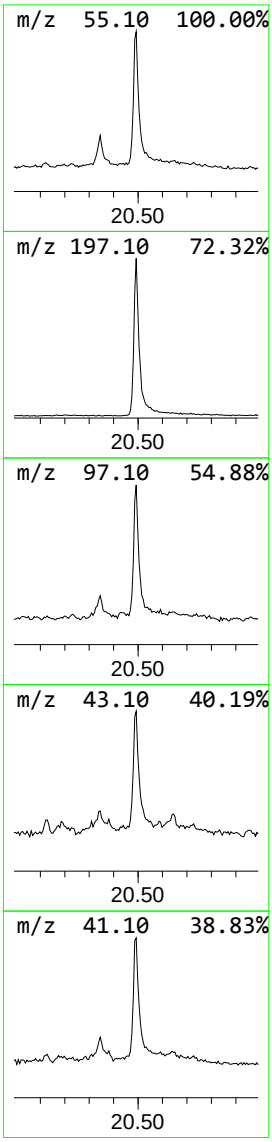
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 12-Hydroxystearic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.492	15.28 ng/ul	2255430	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Hydroxystearic acid	300	C18H36O3	000106-14-9	94
2	12-Hydroxystearic acid	300	C18H36O3	000106-14-9	43
3	Succinic acid, di(1-cyclopentyle...	310	C18H30O4	1000330-21-8	38
4	9,9-Dihydroxybicyclo[3.3.1]nonan...	184	C9H12O4	1000103-24-2	27
5	2'-Methyldihydro-2-stilbazole	197	C14H15N	058246-68-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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-Hexanol, 2-et...	7.675	5.4	ng/ul	295100	1	7.610	1093550	20.0
n-Hexadecanoic ...	18.004	3.5	ng/ul	473035	4	17.075	2676410	20.0
Octadecanoic acid	19.339	3.8	ng/ul	562336	5	21.527	2952870	20.0
12-Hydroxystear...	20.492	15.3	ng/ul	2255430	5	21.527	2952870	20.0