LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021220.D
Acq On : 29 Jul 2024 22:57
Operator : MA/JU
Sample : P3280-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YDZJ2

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: BP021220.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	28	32	43	rVB	43780	64893	1.33%	0.150%
2	3.276	44	49	58	rVB	40407	65186	1.33%	0.151%
3	3.599	101	104	128	rBV	215833	414442	8.47%	0.958%
4	3.893	151	154	162	rVB	15856	26298	0.54%	0.061%
5	4.305	221	224	231	rVB2	6833	11002	0.22%	0.025%
6	4.446	244	248	252	rVB2	4987	7093	0.14%	0.016%
7	4.805	302	309	318	rBV2	52824	107870	2.20%	0.249%
8	6.075	519	525	530	rBV5	7540	14763	0.30%	0.034%
9	6.734	632	637	644	rBV2	5278	9841	0.20%	0.023%
10	6.864	652	659	673	rBV	234367	537817	10.99%	1.244%
11	6.987	673	680	699	rVB	513518	913350	18.66%	2.112%
12	7.187	707	714	736	rBV	527065	942598	19.26%	2.179%
13	7.634	784	790	807	rBV	444640	767899	15.69%	1.776%
14	8.369	908	915	936	rBV	552922	1201128	24.54%	2.777%
15	8.793	978	987	1006	rBV	541110	1131285	23.11%	2.616%
16	8.952	1011	1014	1020	rVB8	3766	6746	0.14%	0.016%
17	9.128	1039	1044	1050	rBV6	4669	8040	0.16%	0.019%
18	9.240	1057	1063	1074	rBV2	51559	95513	1.95%	0.221%
19	9.369	1079	1085	1091	rBV10	5294	11246	0.23%	0.026%
20	9.505	1100	1108	1129	rBV	452265	951335	19.44%	2.200%
21	10.057	1195	1202	1226	rBV	529720	1412700	28.86%	3.266%
22	10.346	1244	1251	1255	rBV	80746	146180	2.99%	0.338%
23	10.399	1255	1260	1272	rVV	748906	1229032	25.11%	2.842%
24	10.499	1273	1277	1281	rVV6	5252	9746	0.20%	0.023%
25	10.557	1281	1287	1318	rVB	403584	1080048	22.07%	2.497%
26	10.799	1326	1328	1336	rVB9	3321	5483	0.11%	0.013%
27	10.957	1348	1355	1367	rBV2	49118	108973	2.23%	0.252%
28	11.063	1368	1373	1381	rVB4	15060	27478	0.56%	0.064%
29	11.210	1390	1398	1404	rBV3	13450	35792	0.73%	0.083%
30	11.581	1456	1461	1470	rVB8	7565	16786	0.34%	0.039%
31	11.887	1509	1513	1518	rBV8	4215	7478	0.15%	0.017%
32	12.010	1525	1534	1544	rBV5	8313	24262	0.50%	0.056%
33	12.163	1553	1560	1563	rBV9	4064	8677	0.18%	0.020%
34	12.240	1566	1573	1576	rVV9	3547	7781	0.16%	0.018%
35	12.275	1576	1579	1584	rVB7	4987	8726	0.18%	0.020%
36	12.540	1617	1624	1626	rBV7	3759	5284	0.11%	0.012%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YDZJ2

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

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Peak separation: 5

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

37	12.857	1674	1678	1683	rVB8	2645	5267	0.11%	0.012%
38	13.075	1708	1715	1724	rBV2	74320	147704	3.02%	0.342%
39	13.199	1731	1736	1741	rBV2	9652	17955	0.37%	0.042%
40	13.293	1746	1752	1761	rVB2	35014	63858	1.30%	0.148%
41	13.457	1775	1780	1785	rVB8	2801	5427	0.11%	0.013%
42	13.675	1811	1817	1835	rVV	1181347	2128734	43.49%	4.922%
43	13.963	1857	1866	1876	rBV	1646175	2469105	50.45%	5.709%
44	14.034	1876	1878	1884	rVB5	24420	35838	0.73%	0.083%
45	14.169	1899	1901	1908	rVB6	4445	7217	0.15%	0.017%
46	14.263	1908	1917	1931	rBV	1120579	1638071	33.47%	3.788%
47	14.493	1945	1956	1972	rBV	1362668	2739259	55.97%	6.334%
48	14.616	1972	1977	1988	rBV4	45061	155272	3.17%	0.359%
49	15.281	2084	2090	2109	rBV	1878180	3077003	62.87%	7.115%
50	15.457	2114	2120	2131	rBV	541944	982888	20.08%	2.273%
51	15.875	2184	2191	2193	rBV7	6829	14488	0.30%	0.033%
52	16.134	2232	2235	2239	rBV4	5093	7171	0.15%	0.017%
53	16.210	2242	2248	2253	rVB9	6761	14132	0.29%	0.033%
54	16.269	2256	2258	2262	rVB5	4592	6140	0.13%	0.014%
55	16.387	2269	2278	2280	rBV9	5282	13440	0.27%	0.031%
56	16.469	2287	2292	2294	rBV6	5015	8204	0.17%	0.019%
57	16.540	2302	2304	2310	rVB3	5006	6617	0.14%	0.015%
58	16.734	2332	2337	2347	rBV2	13816	27193	0.56%	0.063%
59	17.087	2391	2397	2407	rVV	1348351	1949187	39.83%	4.507%
60	17.187	2407	2414	2437	rVB	2229510	3627866	74.12%	8.388%
61	17.787	2512	2516	2523	rVB4	14071	20502	0.42%	0.047%
62	18.016	2549	2555	2564	rBV	129370	245419	5.01%	0.567%
63	18.998	2718	2722	2725	rVB3	36799	37706	0.77%	0.087%
64	19.116	2738	2742	2751	rVB6	29341	58298	1.19%	0.135%
65	19.204	2754	2757	2761	rVB2	21221	28255	0.58%	0.065%
66	19.351	2778	2782	2791	rBV3	71846	147246	3.01%	0.340%
67	19.575	2814	2820	2833	rBV	2503859	3880192	79.28%	8.972%
68	21.539	3148	3154	3164	rBV	1111904	2031843	41.51%	4.698%
69	24.598	3665	3674	3690	rVB	1800071	4894374	100.00%	11.317%
70	24.827	3705	3713	3714	rBV	700142	1334620	27.27%	3.086%

Sum of corrected areas: 43249262

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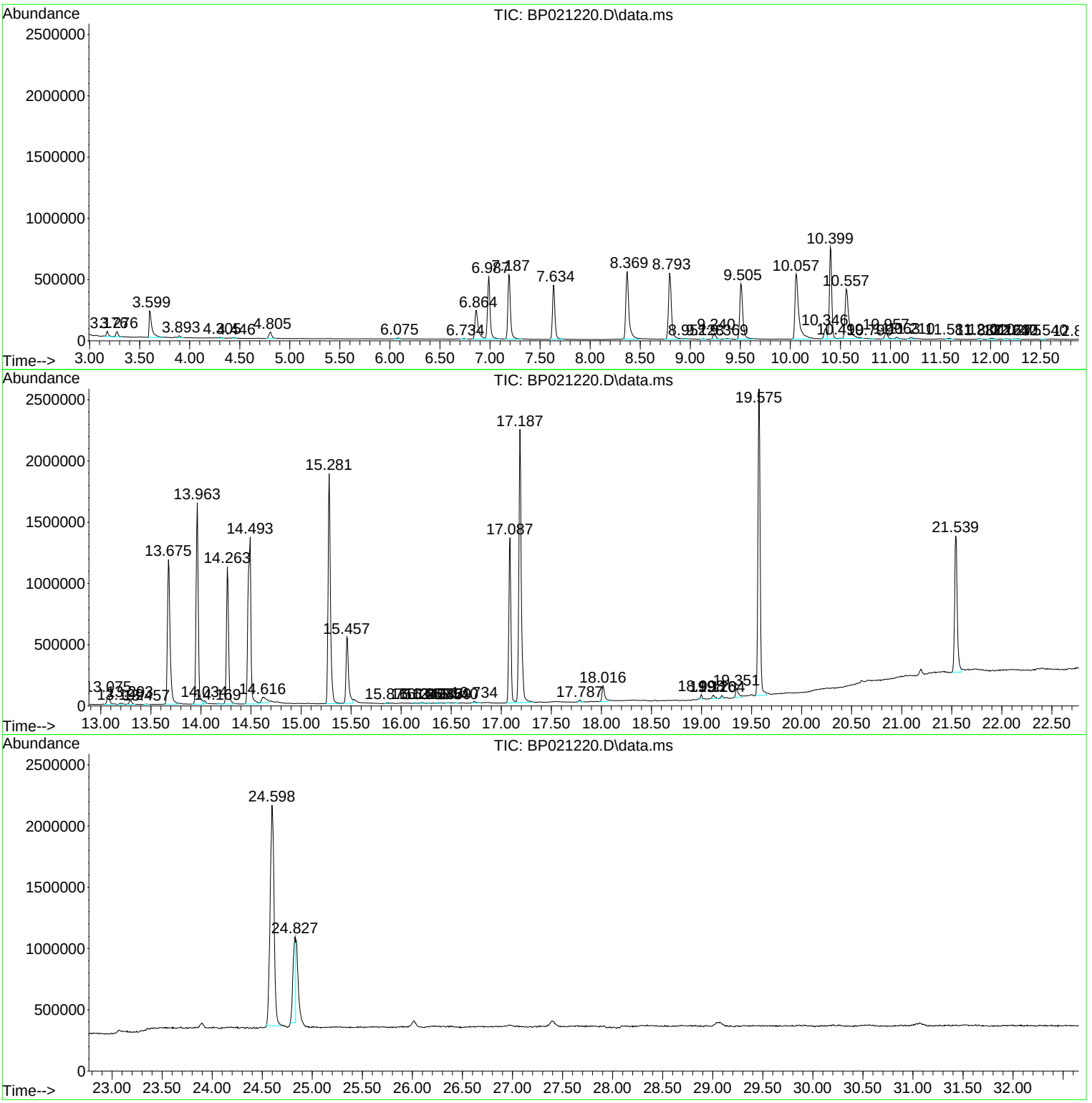
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YDZJ2

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



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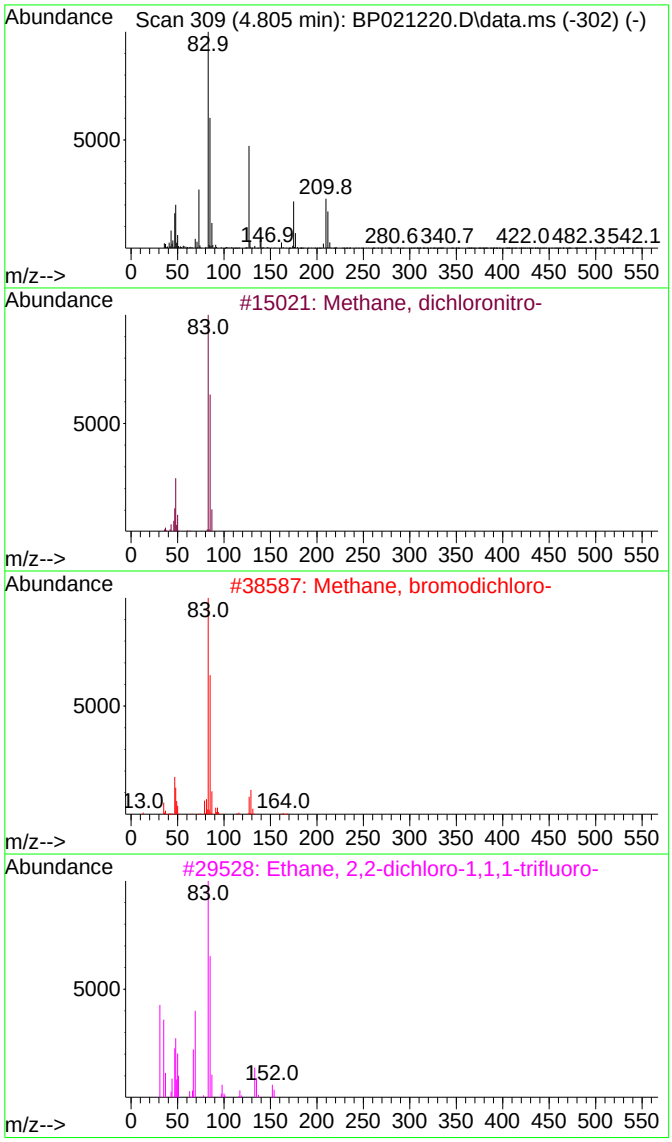
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

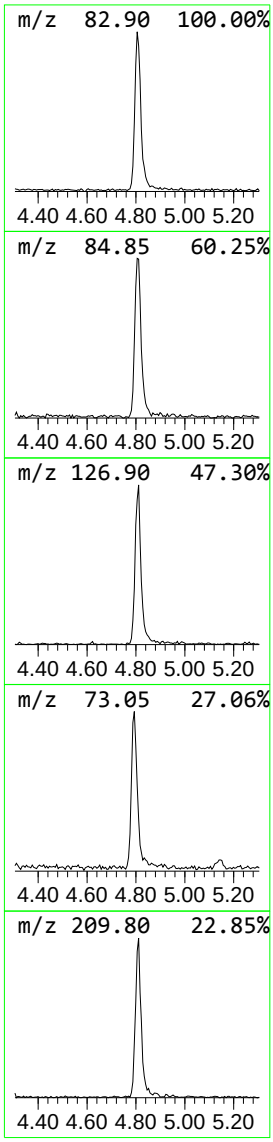
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.805	2.81 ng/ul	107870	1,4-Dichlorobenzene-d4	7.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, dichloronitro-	129	CHCl2NO2	007119-89-3	47
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	43
3	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	38
4	Dichloroacetic anhydride	238	C4H2Cl4O3	004124-30-5	37
5	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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Acq On : 29 Jul 2024 22:57
Operator : MA/JU
Sample : P3280-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YDZJ2

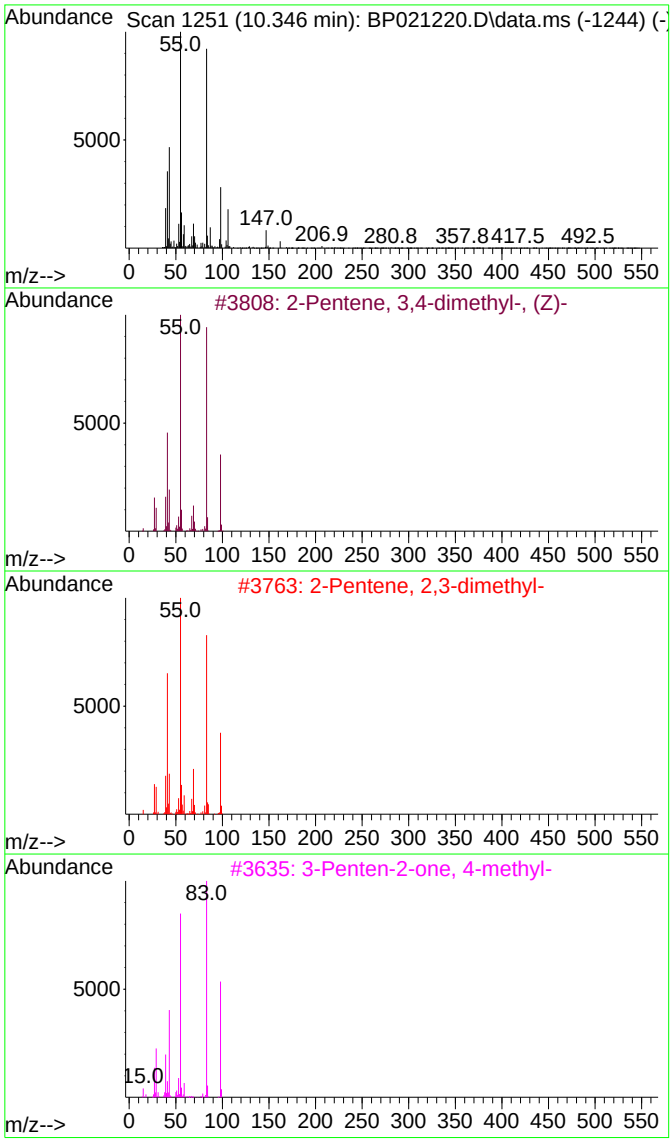
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

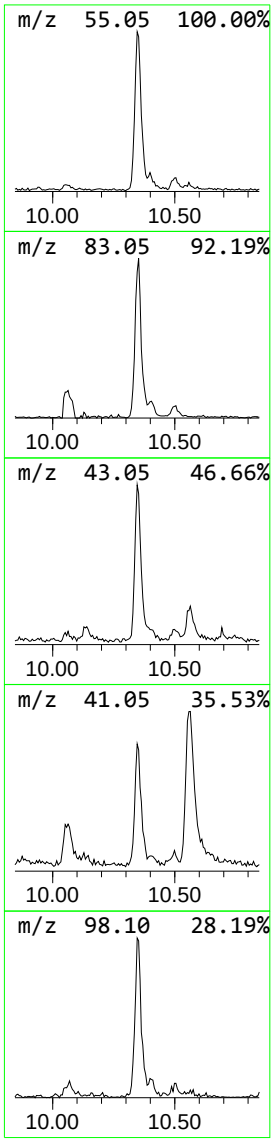
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.346	2.38 ng/ul	146180	Naphthalene-d8	10.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	70
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	64
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	62
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021220.D
Acq On : 29 Jul 2024 22:57
Operator : MA/JU
Sample : P3280-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YDZJ2

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

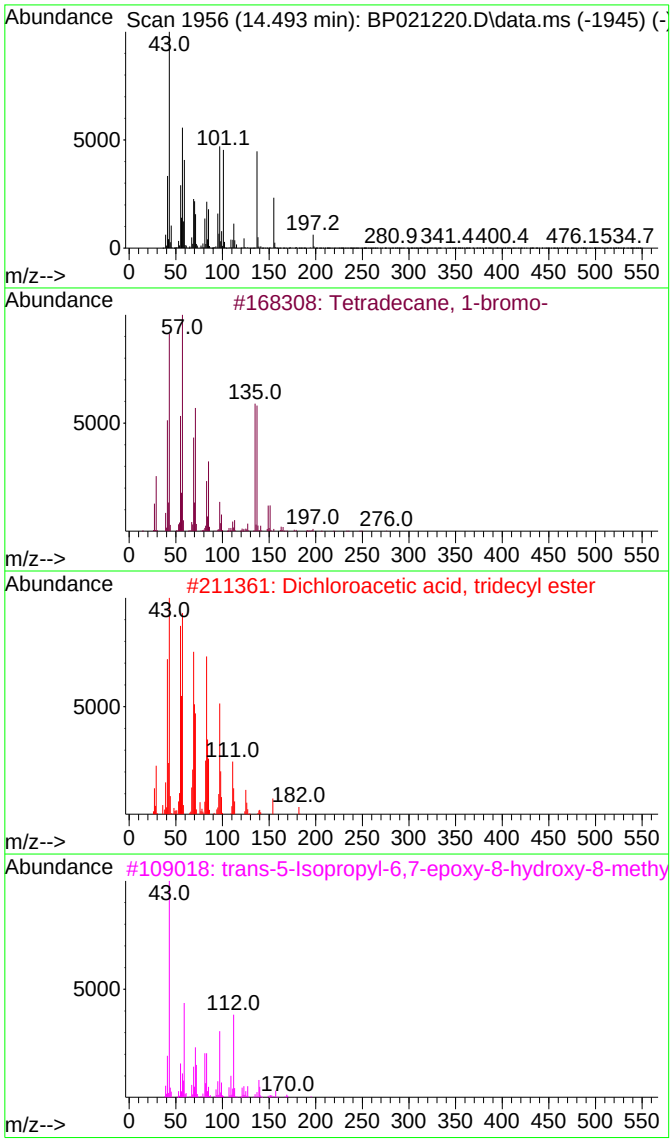
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

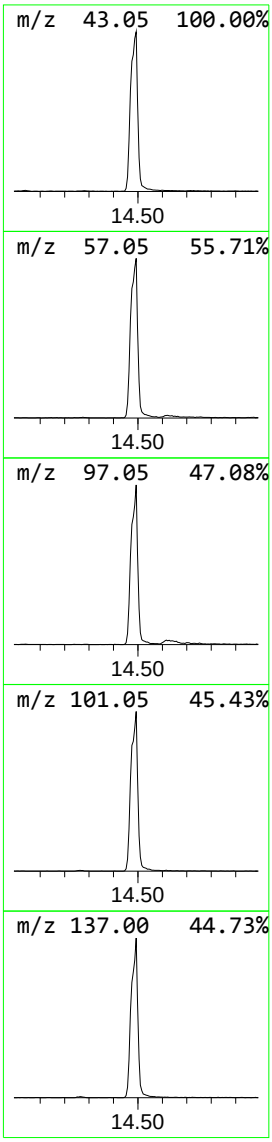
****

Peak Number 3 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	33.44 ng/ul	2739260	Acenaphthene-d10	14.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	10
3	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	10
4	6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	069729-17-5	10
5	Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	10





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

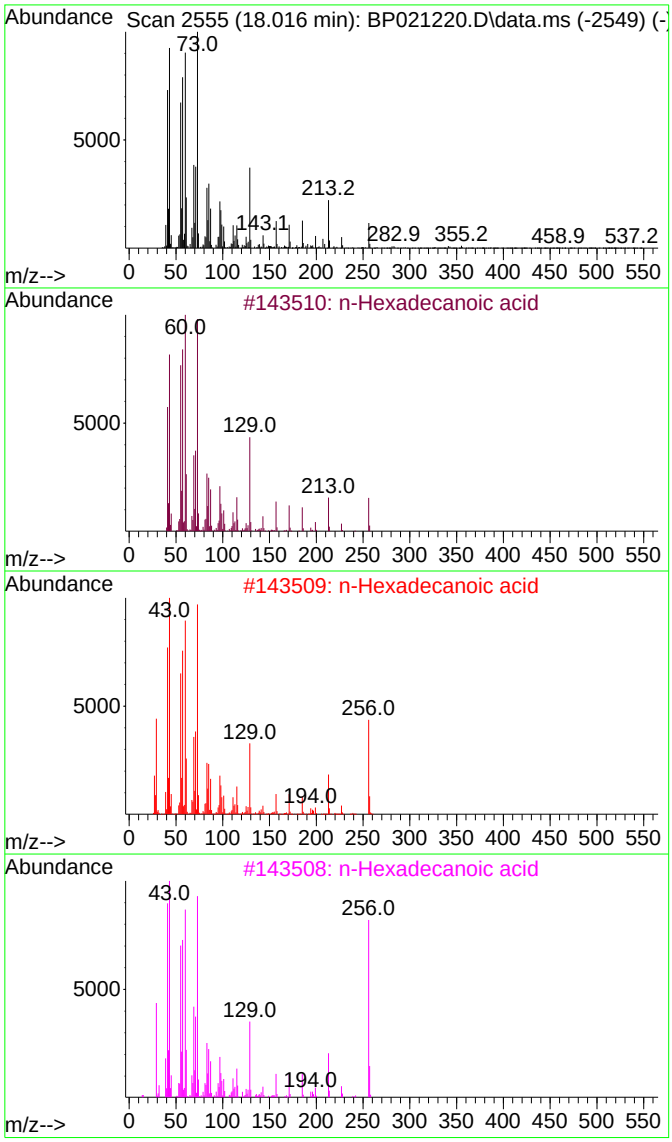
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

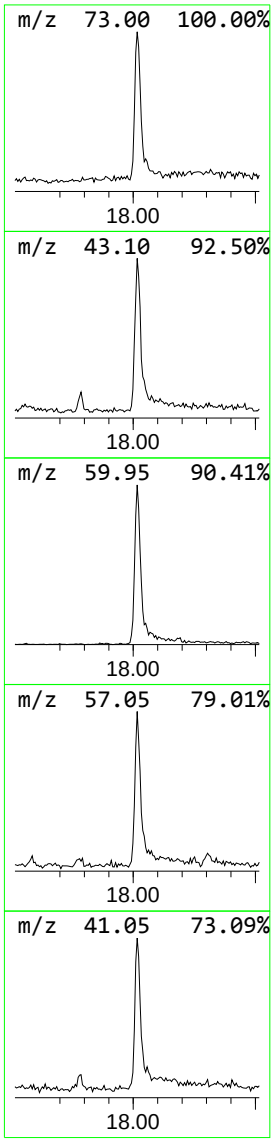
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	2.52 ng/ul	245419	Phenanthrene-d10	17.087

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Tentatively Identified Compound (LSC) summary

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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
unknown-01	4.805	2.8	ng/ul	107870	1	7.634	767899	20.0
(DEL) Alkane: S...	10.346	2.4	ng/ul	146180	2	10.399	1229030	20.0
unknown-02	14.493	33.4	ng/ul	2739260	3	14.263	1638070	20.0
n-Hexadecanoic ...	18.016	2.5	ng/ul	245419	4	17.087	1949190	20.0