LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020075.D
Acq On : 22 Apr 2024 13:44
Operator : MA/JU
Sample : P2104-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

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-BP041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	22	25	31	rVB2	23078	31102	1.52%	0.114%
2	3.511	69	72	78	rBV2	12159	21551	1.05%	0.079%
3	3.634	89	93	107	rBV	244338	409699	19.99%	1.499%
4	3.928	139	143	149	rVB2	11164	18141	0.89%	0.066%
5	6.687	610	612	617	rVB5	1616	2254	0.11%	0.008%
6	6.828	629	636	651	rBV	390371	757120	36.94%	2.770%
7	6.993	657	664	678	rBV	340069	553325	27.00%	2.024%
8	7.181	689	696	709	rBV	416643	710789	34.68%	2.600%
9	7.640	766	774	783	rBV	540887	881357	43.00%	3.224%
10	8.222	870	873	877	rBV5	1644	2398	0.12%	0.009%
11	8.352	885	895	910	rBV	481047	901255	43.97%	3.297%
12	8.610	935	939	943	rVB6	1722	3525	0.17%	0.013%
13	8.799	963	971	981	rBV	416779	754086	36.79%	2.758%
14	8.952	994	997	1002	rVB6	3162	4542	0.22%	0.017%
15	9.152	1026	1031	1036	rVB	8521	14236	0.69%	0.052%
16	9.381	1064	1070	1075	rBV6	6481	13517	0.66%	0.049%
17	9.510	1085	1092	1108	rBV	353213	666788	32.53%	2.439%
18	10.046	1176	1183	1201	rBV	463572	923426	45.05%	3.378%
19	10.251	1213	1218	1219	rBV5	4301	6158	0.30%	0.023%
20	10.410	1238	1245	1260	rVB	677861	1191416	58.13%	4.358%
21	10.569	1263	1272	1290	rBV	439118	912475	44.52%	3.338%
22	11.204	1370	1380	1392	rBV2	7912	30554	1.49%	0.112%
23	11.487	1425	1428	1431	rBV5	1436	2129	0.10%	0.008%
24	11.640	1449	1454	1455	rBV4	1724	2057	0.10%	0.008%
25	11.657	1455	1457	1463	rVB6	2381	3328	0.16%	0.012%
26	11.957	1503	1508	1510	rBV5	1729	2876	0.14%	0.011%
27	12.022	1513	1519	1528	rVV5	7424	15977	0.78%	0.058%
28	12.628	1611	1622	1624	rBV5	1859	5019	0.24%	0.018%
29	12.763	1641	1645	1650	rVB8	1961	3076	0.15%	0.011%
30	12.898	1664	1668	1674	rVB9	1615	3162	0.15%	0.012%
31	13.116	1700	1705	1710	rBV6	4585	8884	0.43%	0.032%
32	13.198	1712	1719	1728	rBV	18846	35147	1.71%	0.129%
33	13.275	1728	1732	1736	rVV7	1944	2674	0.13%	0.010%
34	13.734	1802	1810	1826	rBV	871086	1286592	62.77%	4.706%
35	14.016	1847	1858	1870	rBV	904502	1431166	69.82%	5.235%
36	14.222	1888	1893	1897	rVB8	2523	4770	0.23%	0.017%

LSC Area Percent Report

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Sample : P2104-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AC2

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-BP041924.MA.M
Title : SVOA CALIBRATION

37	14.328	1904	1911	1918	rBV	837902	1342100	65.48%	4.909%
38	14.410	1923	1925	1929	rVB5	2520	2777	0.14%	0.010%
39	14.587	1940	1955	1981	rBV2	192234	620889	30.29%	2.271%
40	14.775	1984	1987	1997	rVB9	12665	31833	1.55%	0.116%
41	14.934	2010	2014	2017	rBV6	2037	3211	0.16%	0.012%
42	15.204	2055	2060	2064	rVB7	3469	5437	0.27%	0.020%
43	15.351	2078	2085	2101	rBV	1116582	1681410	82.03%	6.151%
44	15.510	2104	2112	2123	rBV	130028	251864	12.29%	0.921%
45	15.604	2125	2128	2133	rVB6	3921	6902	0.34%	0.025%
46	15.792	2157	2160	2161	rBV3	2539	2396	0.12%	0.009%
47	15.945	2181	2186	2187	rBV5	2877	3585	0.17%	0.013%
48	16.004	2192	2196	2200	rBV6	2443	4696	0.23%	0.017%
49	16.051	2200	2204	2208	rBV6	2794	5431	0.26%	0.020%
50	16.110	2210	2214	2219	rVB8	3162	5712	0.28%	0.021%
51	16.169	2219	2224	2227	rBV7	4584	8017	0.39%	0.029%
52	16.575	2289	2293	2299	rBV8	7296	14286	0.70%	0.052%
53	17.169	2388	2394	2406	rBV	964359	1440383	70.27%	5.269%
54	17.281	2406	2413	2425	rVB2	1126030	1759022	85.82%	6.434%
55	17.375	2425	2429	2432	rBV5	5155	8068	0.39%	0.030%
56	17.404	2432	2434	2439	rVB6	3741	4975	0.24%	0.018%
57	17.492	2445	2449	2457	rBV6	12417	36828	1.80%	0.135%
58	17.592	2463	2466	2473	rVB3	23243	36975	1.80%	0.135%
59	17.886	2510	2516	2522	rVB3	4731	12295	0.60%	0.045%
60	18.004	2531	2536	2538	rBV5	4556	7151	0.35%	0.026%
61	18.133	2552	2558	2578	rBV	300760	589939	28.78%	2.158%
62	18.580	2631	2634	2640	rVB	31024	38207	1.86%	0.140%
63	19.227	2739	2744	2748	rBV4	16712	26665	1.30%	0.098%
64	19.486	2783	2788	2800	rBV	113210	218302	10.65%	0.799%
65	19.680	2816	2821	2832	rVB	1354199	2049655	100.00%	7.498%
66	20.686	2989	2992	2997	rVB	66337	76122	3.71%	0.278%
67	21.351	3100	3105	3119	rVB	304351	548192	26.75%	2.005%
68	21.674	3154	3160	3172	rVB	971490	1509808	73.66%	5.523%
69	24.839	3690	3698	3709	rVB2	658928	1945837	94.93%	7.118%
70	25.074	3731	3738	3749	rVB	577404	1421851	69.37%	5.201%

Sum of corrected areas: 27337392

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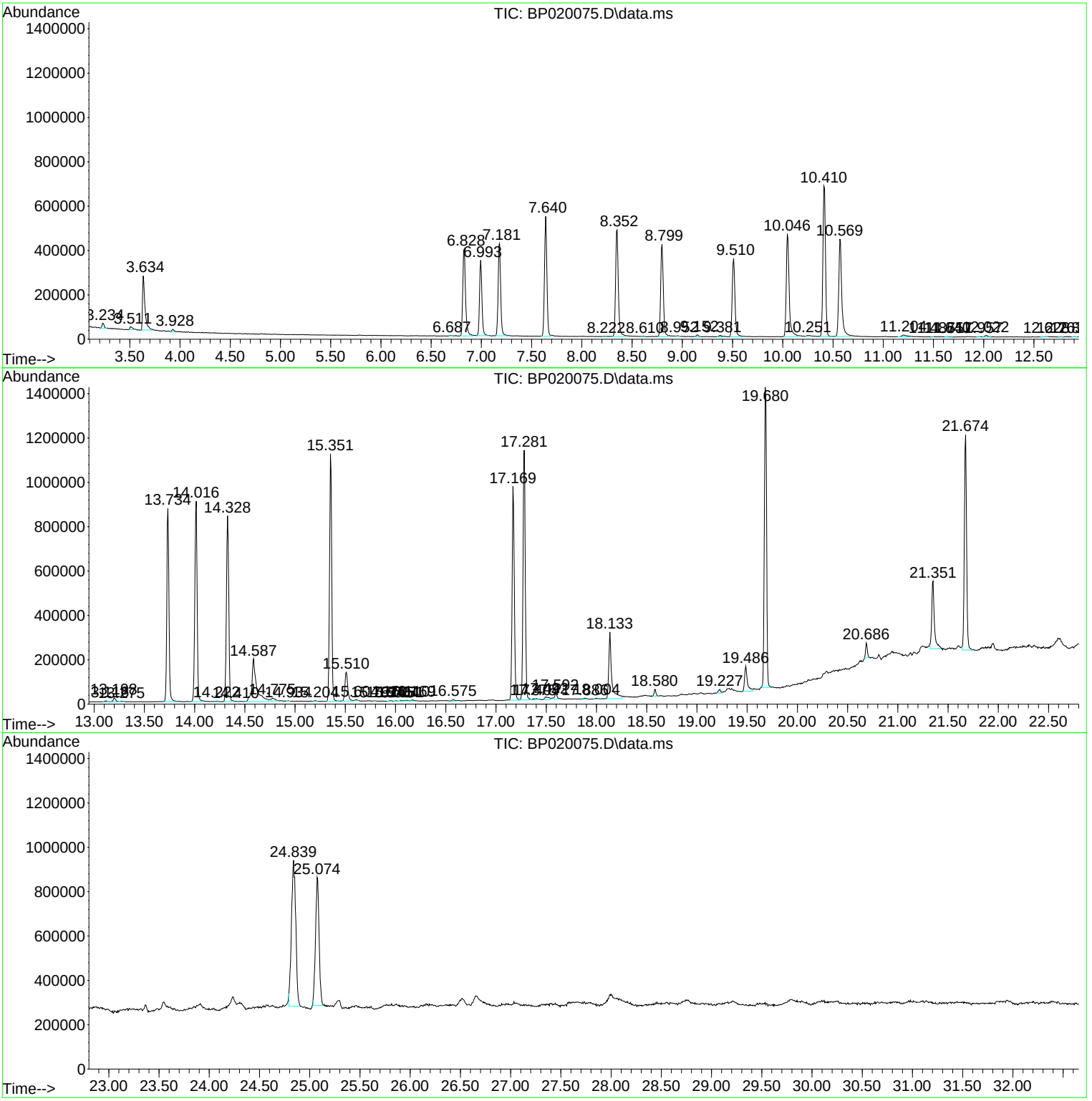
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

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



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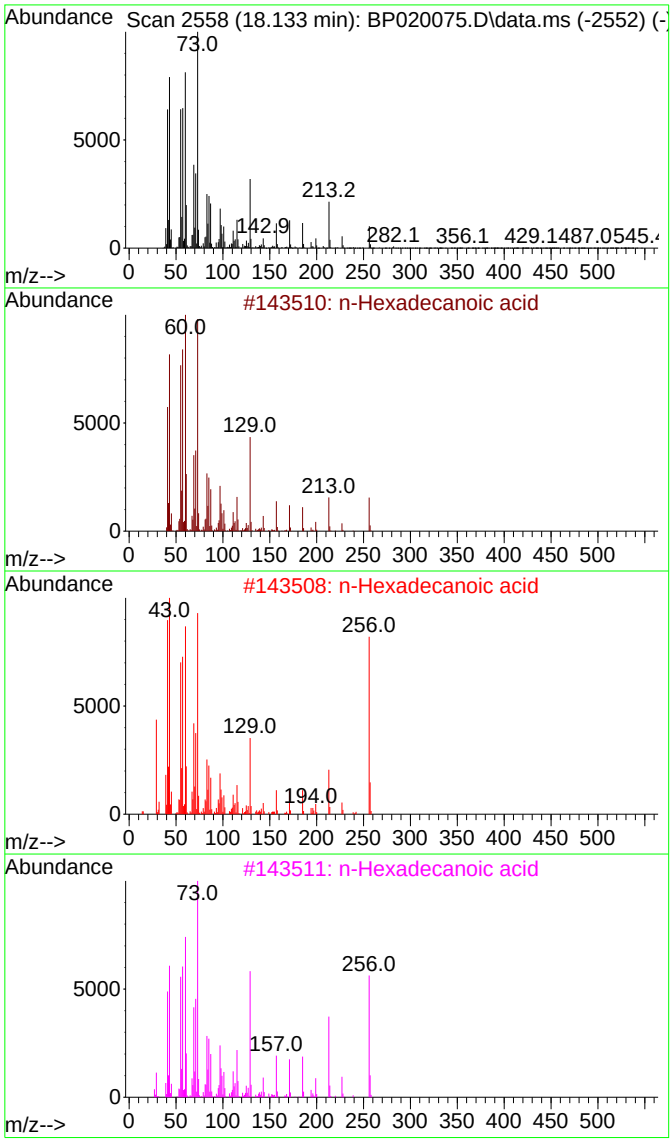
Quant Title : SVOA CALIBRATION

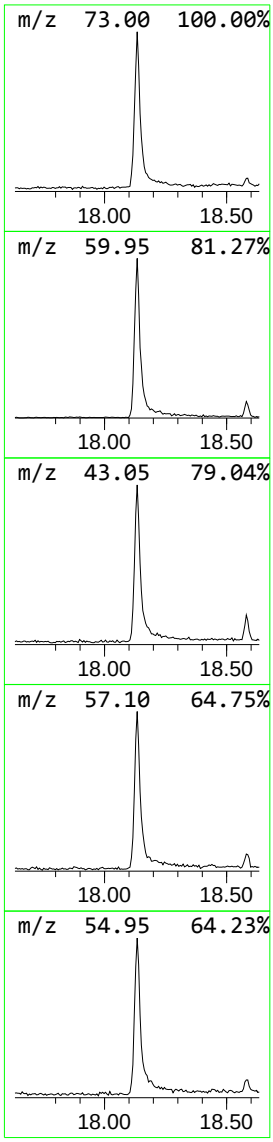
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	8.19 ng/ul	589939	Phenanthrene-d10	17.169

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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020075.D
Acq On : 22 Apr 2024 13:44
Operator : MA/JU
Sample : P2104-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

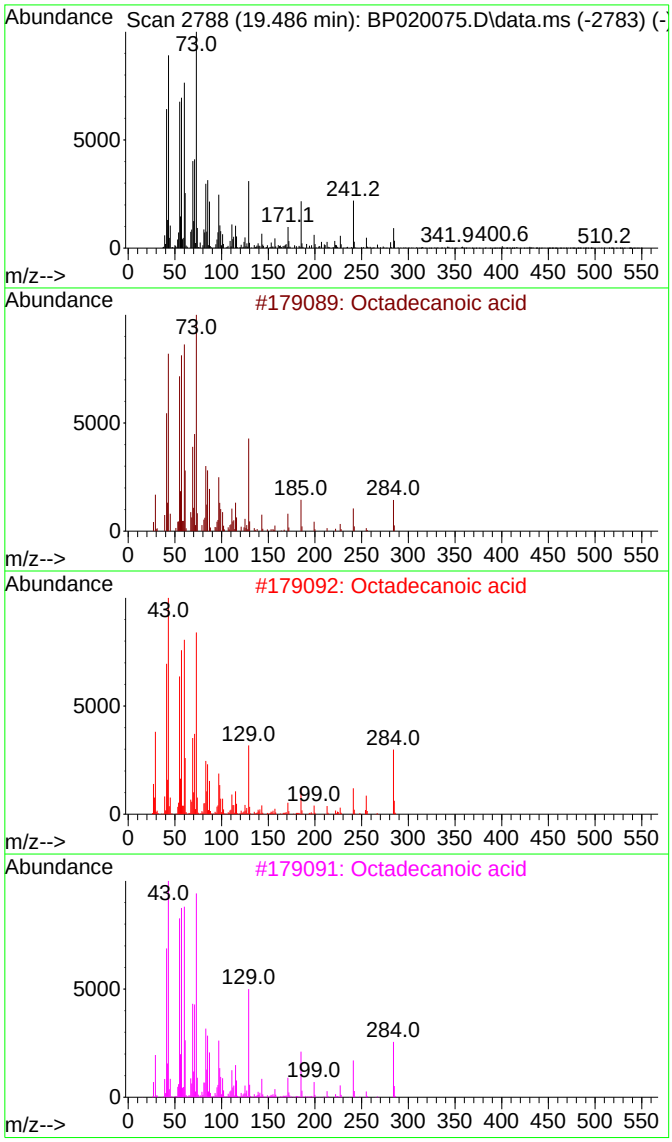
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

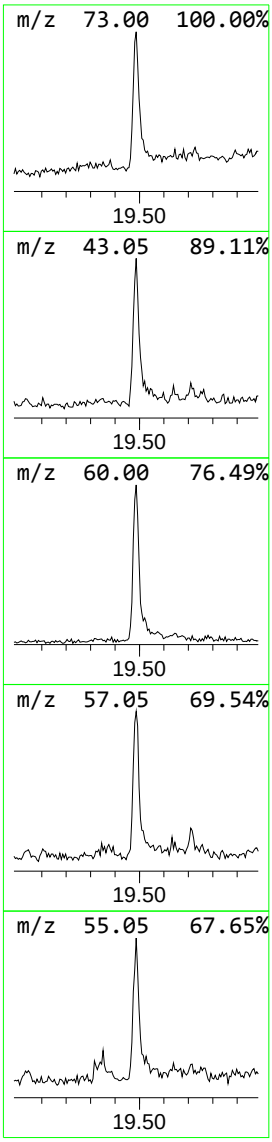
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.486	2.89 ng/ul	218302	Chrysene-d12	21.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020075.D
Acq On : 22 Apr 2024 13:44
Operator : MA/JU
Sample : P2104-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

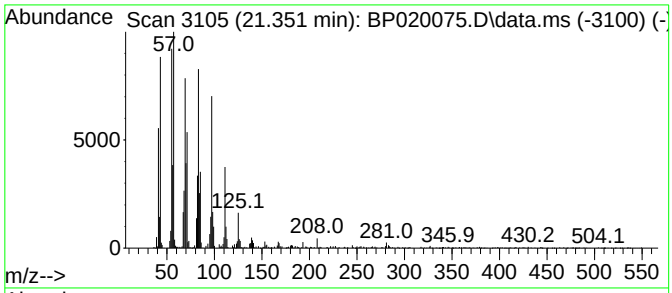
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

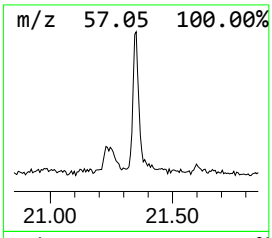
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

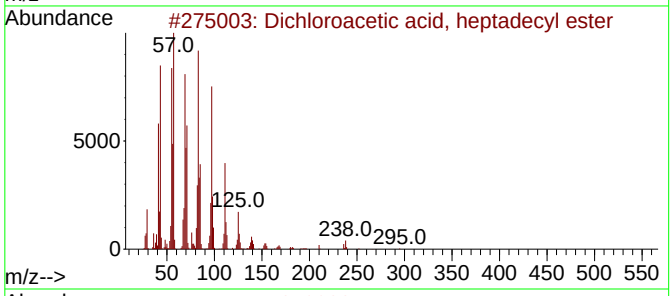
****
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

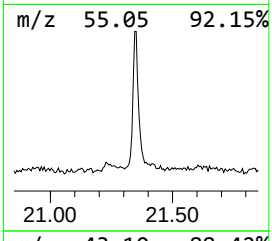
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.351	7.26 ng/ul	548192	Chrysene-d12	21.674

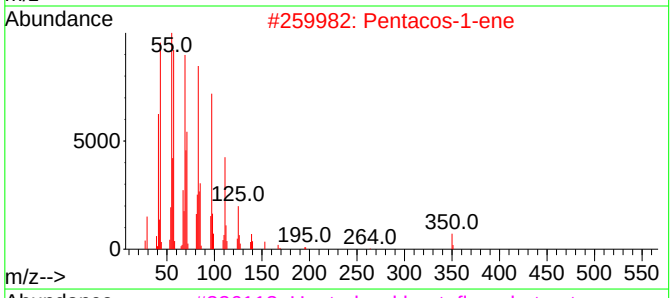
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91

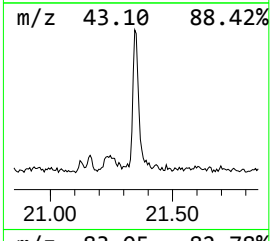


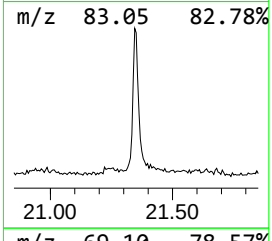


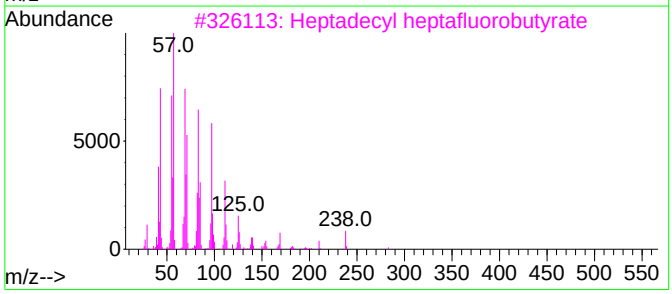


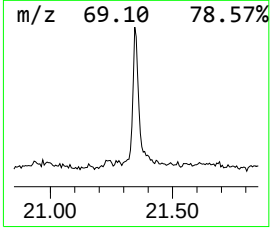












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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 ...	18.133	8.2	ng/ul	589939	4	17.169	1440380	20.0
Octadecanoic acid	19.486	2.9	ng/ul	218302	5	21.674	1509810	20.0
Dichloroacetic ...	21.351	7.3	ng/ul	548192	5	21.674	1509810	20.0