LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022745.D
Acq On : 30 Oct 2024 21:12
Operator : RC/JU
Sample : P4493-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4F33

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	29	33	41	rVB	12918	17578	0.87%	0.080%
2	3.593	100	103	115	rBV	128357	213497	10.57%	0.975%
3	3.905	152	156	162	rVB2	4674	7776	0.38%	0.036%
4	4.240	208	213	214	rBV4	1616	2045	0.10%	0.009%
5	6.340	566	570	574	rVB7	1581	3037	0.15%	0.014%
6	6.775	639	644	647	rBV	6813	10824	0.54%	0.049%
7	6.828	647	653	666	rVV	184924	364343	18.04%	1.664%
8	6.981	673	679	687	rVV	162831	245163	12.14%	1.120%
9	7.181	706	713	725	rBV	216623	364060	18.02%	1.663%
10	7.634	783	790	799	rBV	339828	552951	27.37%	2.525%
11	7.746	807	809	815	rVB6	2924	4164	0.21%	0.019%
12	7.928	837	840	849	rVB9	2840	5437	0.27%	0.025%
13	8.340	902	910	928	rBV	268281	492960	24.40%	2.251%
14	8.775	977	984	996	rBV	191693	357222	17.68%	1.631%
15	8.940	1005	1012	1016	rVB10	2031	4719	0.23%	0.022%
16	9.181	1048	1053	1058	rBV2	10811	15798	0.78%	0.072%
17	9.228	1058	1061	1066	rVB6	1352	2087	0.10%	0.010%
18	9.334	1073	1079	1088	rBV2	14815	27105	1.34%	0.124%
19	9.493	1099	1106	1118	rBV	169015	328824	16.28%	1.502%
20	9.593	1119	1123	1131	rVB2	3493	7250	0.36%	0.033%
21	9.758	1144	1151	1156	rBV10	2357	5595	0.28%	0.026%
22	10.028	1190	1197	1214	rBV	262059	543487	26.91%	2.482%
23	10.393	1251	1259	1267	rBV	422692	764416	37.84%	3.491%
24	10.540	1277	1284	1300	rBV	161969	323814	16.03%	1.479%
25	10.952	1346	1354	1362	rVB10	5414	11770	0.58%	0.054%
26	11.210	1394	1398	1400	rBV5	1867	2774	0.14%	0.013%
27	11.422	1427	1434	1436	rBV8	1549	2874	0.14%	0.013%
28	11.669	1467	1476	1480	rVB2	6255	10427	0.52%	0.048%
29	11.904	1511	1516	1523	rBV9	2057	4296	0.21%	0.020%
30	11.987	1523	1530	1535	rVV2	6516	10459	0.52%	0.048%
31	12.534	1620	1623	1628	rBV7	1225	2386	0.12%	0.011%
32	12.599	1630	1634	1636	rBV5	1703	2525	0.13%	0.012%
33	12.616	1636	1637	1643	rVB6	2169	2895	0.14%	0.013%
34	12.693	1647	1650	1653	rBV4	2320	3028	0.15%	0.014%
35	12.857	1676	1678	1682	rVB5	2019	2190	0.11%	0.010%
36	13.069	1711	1714	1715	rBV3	3558	3235	0.16%	0.015%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4F33

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	13.104	1718	1720	1732	rVB3	4548	9303	0.46%	0.042%
38	13.210	1734	1738	1743	rVB8	3023	5292	0.26%	0.024%
39	13.569	1794	1799	1805	rVB8	4133	7778	0.39%	0.036%
40	13.675	1805	1817	1826	rBV	562477	851137	42.14%	3.887%
41	13.946	1851	1863	1876	rBV	598350	981444	48.59%	4.482%
42	14.098	1884	1889	1893	rBV7	2591	4317	0.21%	0.020%
43	14.151	1896	1898	1903	rVB6	3076	3511	0.17%	0.016%
44	14.251	1908	1915	1925	rBV	682448	1160359	57.44%	5.299%
45	14.328	1925	1928	1934	rVV7	5332	10354	0.51%	0.047%
46	14.387	1936	1938	1943	rVB6	2098	2312	0.11%	0.011%
47	14.516	1953	1960	1976	rBV2	129876	325413	16.11%	1.486%
48	14.675	1985	1987	1990	rBV3	5378	6932	0.34%	0.032%
49	15.098	2052	2059	2062	rBV8	5025	9854	0.49%	0.045%
50	15.128	2062	2064	2067	rVV4	2766	3303	0.16%	0.015%
51	15.163	2067	2070	2079	rVB4	3275	8742	0.43%	0.040%
52	15.269	2082	2088	2096	rBV	927448	1304533	64.58%	5.958%
53	15.334	2096	2099	2104	rVB5	4919	7919	0.39%	0.036%
54	15.422	2109	2114	2125	rBV	157685	227425	11.26%	1.039%
55	15.528	2128	2132	2140	rVB10	9767	19475	0.96%	0.089%
56	15.657	2146	2154	2163	rBV	207989	371708	18.40%	1.698%
57	15.763	2168	2172	2179	rVB9	6885	11011	0.55%	0.050%
58	16.022	2212	2216	2217	rBV4	4671	4734	0.23%	0.022%
59	16.081	2224	2226	2231	rBV6	1805	2055	0.10%	0.009%
60	16.216	2246	2249	2250	rBV3	3905	3981	0.20%	0.018%
61	16.540	2301	2304	2307	rBV5	2985	3541	0.18%	0.016%
62	16.728	2331	2336	2337	rBV5	4249	5416	0.27%	0.025%
63	16.828	2351	2353	2355	rBV3	3070	2585	0.13%	0.012%
64	16.881	2360	2362	2367	rVB2	5682	6367	0.32%	0.029%
65	16.969	2375	2377	2380	rBV4	2381	3009	0.15%	0.014%
66	17.075	2387	2395	2400	rBV	965497	1540350	76.26%	7.035%
67	17.116	2400	2402	2406	rVV	77834	90158	4.46%	0.412%
68	17.169	2406	2411	2422	rVB2	1002778	1466279	72.59%	6.697%
69	17.998	2545	2552	2562	rBV2	172901	330678	16.37%	1.510%
70	18.181	2577	2583	2587	rBV3	16837	33981	1.68%	0.155%
71	18.304	2601	2604	2606	rBV4	11092	11692	0.58%	0.053%
72	18.339	2608	2610	2617	rVB6	11462	19520	0.97%	0.089%
73	19.086	2733	2737	2743	rVB7	19695	32233	1.60%	0.147%
74	19.163	2746	2750	2751	rVV2	14367	18315	0.91%	0.084%
75	19.192	2751	2755	2764	rVB	153406	235829	11.67%	1.077%
76	19.333	2774	2779	2787	rBV4	47949	89414	4.43%	0.408%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F33

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	19.539	2808	2814	2825	rBV	1363221	2019979	100.00%	9.225%
78	21.186	3089	3094	3103	rBV8	104738	270059	13.37%	1.233%
79	21.404	3129	3131	3136	rVB	47974	52660	2.61%	0.241%
80	21.504	3141	3148	3154	rBV	1197991	1931747	95.63%	8.822%
81	24.533	3654	3663	3672	rVB	693521	1799922	89.11%	8.220%
82	24.763	3694	3702	3713	rVB	695913	1866144	92.38%	8.523%

Sum of corrected areas: 21895781

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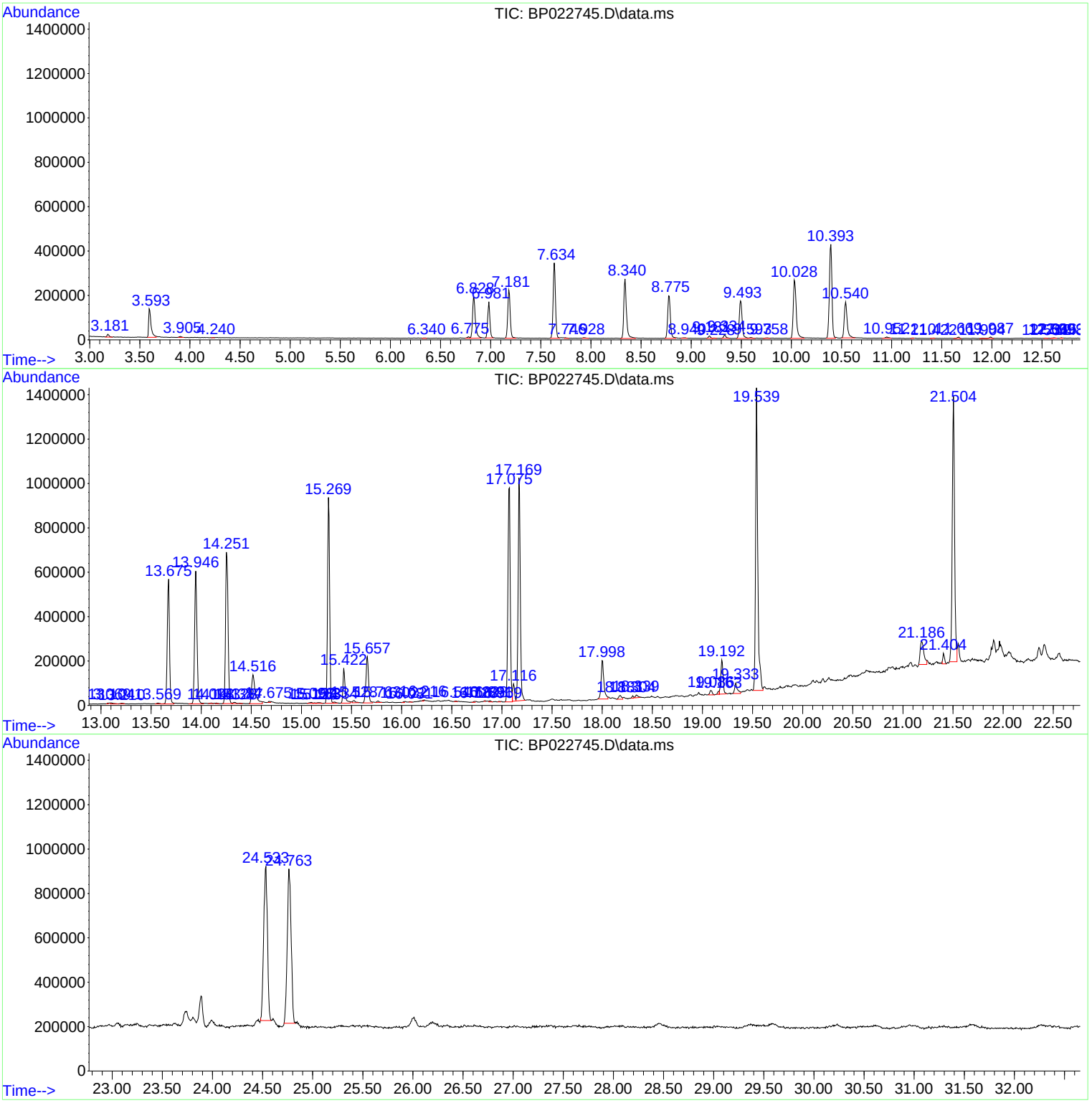
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP103024\
Data File : BP022745.D
Acq On : 30 Oct 2024 21:12
Operator : RC/JU
Sample : P4493-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

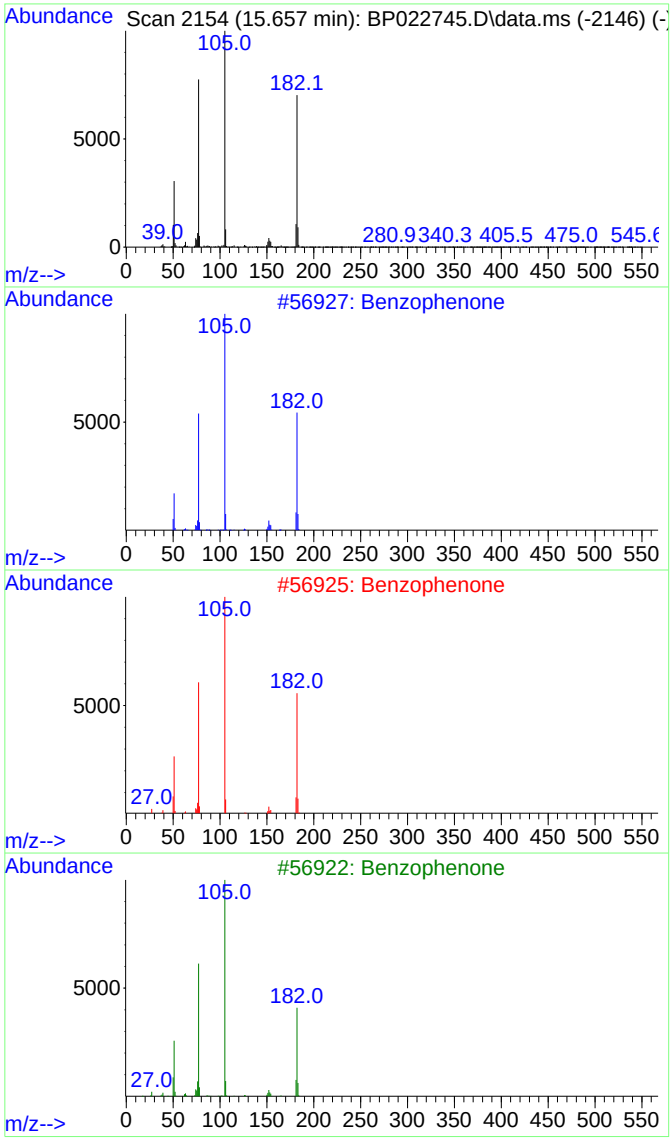
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

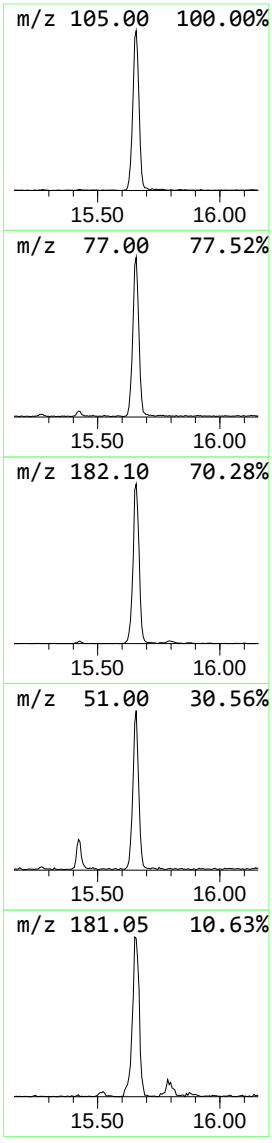
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	6.41 ng/ul	371708	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022745.D
Acq On : 30 Oct 2024 21:12
Operator : RC/JU
Sample : P4493-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

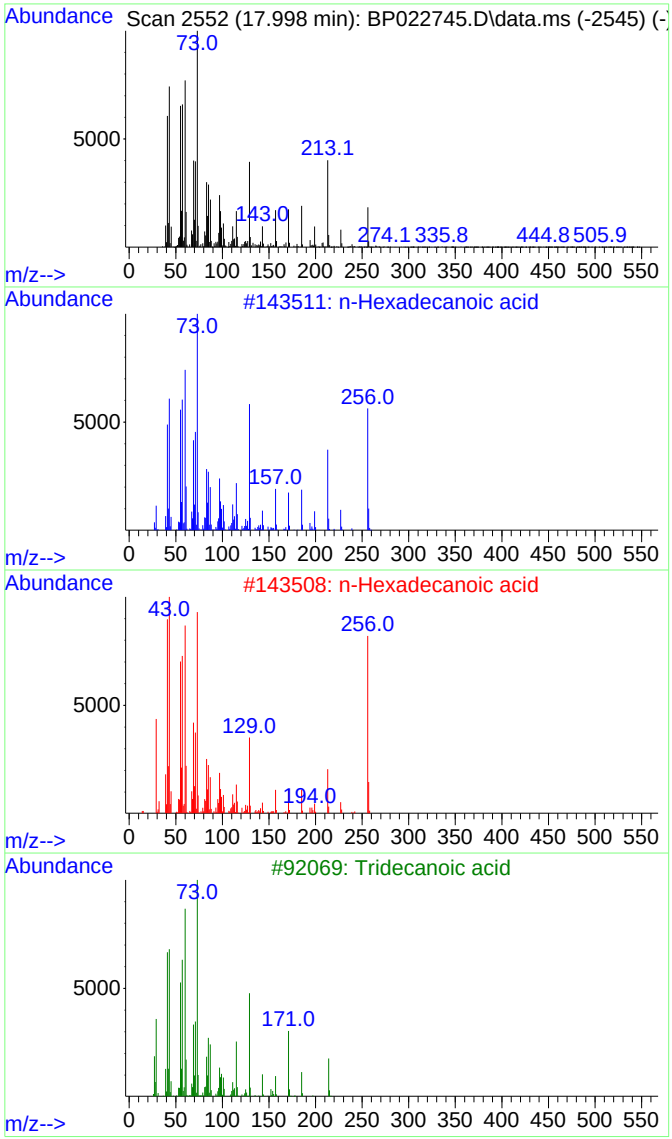
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

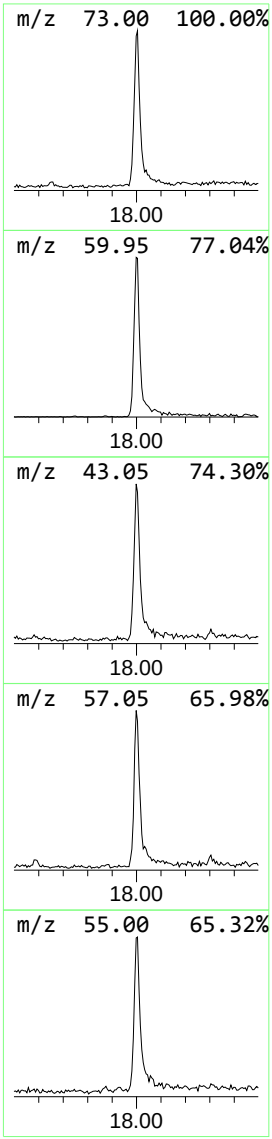
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	4.29 ng/ul	330678	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022745.D
Acq On : 30 Oct 2024 21:12
Operator : RC/JU
Sample : P4493-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F33

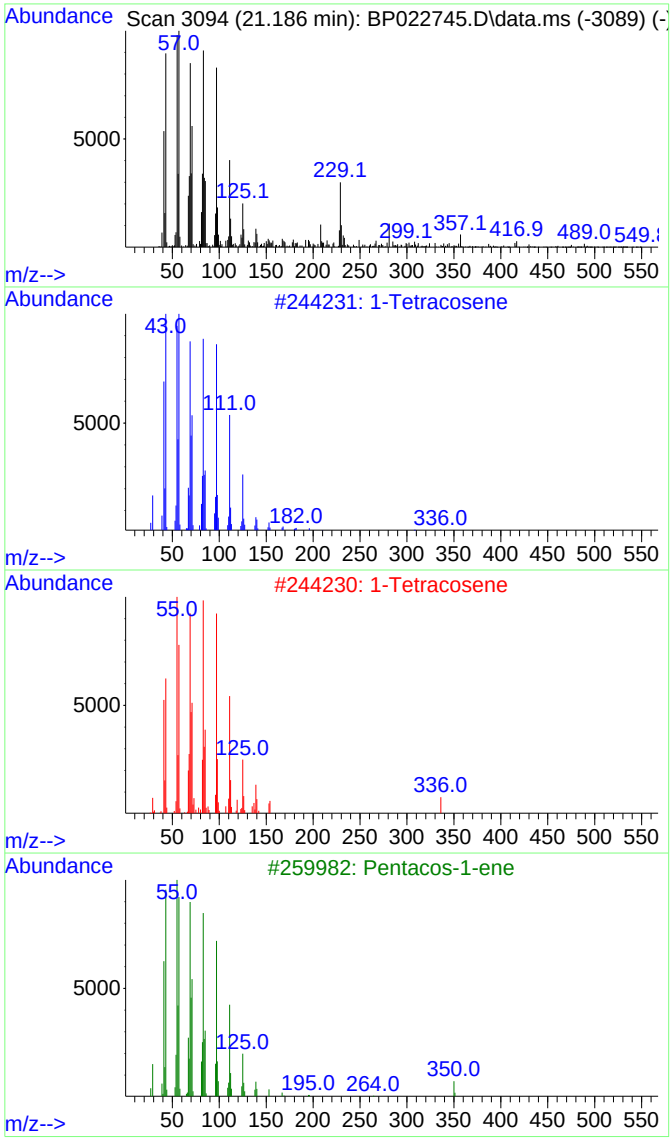
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

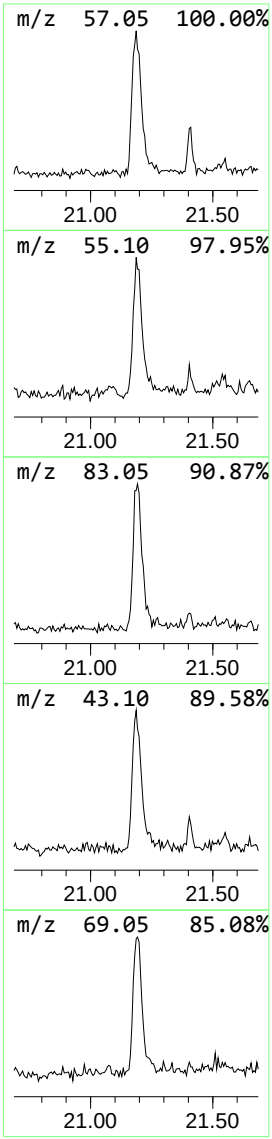
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.80 ng/ul	270059	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	Pentacos-1-ene	350	C25H50	016980-85-1	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
Benzophenone	15.657	6.4	ng/ul	371708	3	14.251	1160360	20.0
n-Hexadecanoic ...	17.998	4.3	ng/ul	330678	4	17.075	1540350	20.0
(DEL) Alkane: S...	21.186	2.8	ng/ul	270059	5	21.504	1931750	20.0