LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121224\
Data File : BP023404.D
Acq On : 12 Dec 2024 20:33
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E28S5

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-BP112624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	4	6	10	rVB4	5229	5084	0.23%	0.022%
2	3.105	16	20	28	rVB	15069	21607	0.97%	0.095%
3	3.346	59	61	65	rVB5	2119	2389	0.11%	0.011%
4	3.522	87	91	105	rBV	120060	226054	10.15%	0.997%
5	3.822	139	142	146	rVV	8409	9788	0.44%	0.043%
6	5.599	442	444	448	rVB5	2071	2473	0.11%	0.011%
7	6.758	635	641	658	rBV2	143602	371735	16.69%	1.640%
8	6.893	658	664	675	rVV	148704	258008	11.58%	1.138%
9	6.963	675	676	679	rVB2	2721	2432	0.11%	0.011%
10	7.093	692	698	713	rBV	198470	344207	15.45%	1.519%
11	7.246	722	724	733	rVB9	1683	4515	0.20%	0.020%
12	7.534	764	773	785	rBV	349447	610184	27.39%	2.692%
13	7.693	798	800	807	rVB8	1958	3406	0.15%	0.015%
14	8.163	876	880	887	rVB10	1533	3555	0.16%	0.016%
15	8.263	887	897	914	rBV	132066	327961	14.72%	1.447%
16	8.687	962	969	987	rBV	166538	343185	15.41%	1.514%
17	9.069	1030	1034	1039	rVB5	3742	5883	0.26%	0.026%
18	9.257	1061	1066	1073	rBV2	12974	26045	1.17%	0.115%
19	9.399	1082	1090	1106	rBV	156608	309881	13.91%	1.367%
20	9.499	1106	1107	1114	rVB7	2342	2713	0.12%	0.012%
21	9.863	1166	1169	1177	rBV10	2144	4297	0.19%	0.019%
22	9.952	1177	1184	1201	rBV	175809	462638	20.77%	2.041%
23	10.281	1231	1240	1248	rBV	433941	771123	34.62%	3.402%
24	10.340	1248	1250	1261	rVB3	15146	27449	1.23%	0.121%
25	10.452	1263	1269	1288	rBV	113902	334921	15.04%	1.478%
26	10.881	1333	1342	1346	rBV	3657	8152	0.37%	0.036%
27	11.187	1392	1394	1401	rVB8	1746	3507	0.16%	0.015%
28	11.687	1473	1479	1489	rBV8	3629	7949	0.36%	0.035%
29	11.893	1510	1514	1521	rVB9	3879	6888	0.31%	0.030%
30	11.975	1523	1528	1532	rBV6	3562	6437	0.29%	0.028%
31	12.187	1558	1564	1570	rBV7	3919	6654	0.30%	0.029%
32	12.534	1619	1623	1627	rVV7	1883	3092	0.14%	0.014%
33	12.957	1692	1695	1701	rBV5	5143	6098	0.27%	0.027%
34	13.157	1717	1729	1743	rBV2	50716	149459	6.71%	0.659%
35	13.269	1746	1748	1753	rVB6	2367	4070	0.18%	0.018%
36	13.393	1764	1769	1774	rVB8	10404	13267	0.60%	0.059%

LSC Area Percent Report

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Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

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-BP112624.MA.M
Title : SVOA CALIBRATION

37	13.569	1788	1799	1812	rBV	466670	797864	35.82%	3.520%
38	13.663	1813	1815	1819	rVB4	2506	3165	0.14%	0.014%
39	13.834	1836	1844	1861	rBV	499704	808443	36.30%	3.567%
40	14.040	1874	1879	1883	rBV7	7438	10881	0.49%	0.048%
41	14.145	1890	1897	1907	rBV	687423	1078421	48.42%	4.758%
42	14.387	1932	1938	1942	rVB9	2948	5852	0.26%	0.026%
43	14.475	1942	1953	1969	rBV4	59150	290635	13.05%	1.282%
44	14.592	1969	1973	1979	rVB9	7843	17703	0.79%	0.078%
45	14.769	2001	2003	2011	rVB9	3046	6368	0.29%	0.028%
46	14.963	2032	2036	2041	rBV6	2049	3763	0.17%	0.017%
47	15.022	2041	2046	2051	rVB8	6008	9127	0.41%	0.040%
48	15.157	2063	2069	2086	rVB	710711	1034365	46.44%	4.564%
49	15.334	2094	2099	2111	rBV	136598	260305	11.69%	1.149%
50	15.545	2127	2135	2147	rBV	200212	337975	15.17%	1.491%
51	15.681	2155	2158	2159	rBV3	2022	2318	0.10%	0.010%
52	15.904	2192	2196	2197	rBV4	5108	6095	0.27%	0.027%
53	16.069	2219	2224	2229	rBV5	11837	19316	0.87%	0.085%
54	16.122	2230	2233	2241	rVB9	6731	11215	0.50%	0.049%
55	16.369	2269	2275	2281	rBV5	16747	32266	1.45%	0.142%
56	16.616	2313	2317	2321	rBV7	3064	6263	0.28%	0.028%
57	16.716	2330	2334	2337	rBV5	7811	11493	0.52%	0.051%
58	16.863	2354	2359	2365	rBV2	30008	46283	2.08%	0.204%
59	16.957	2366	2375	2380	rBV	812336	1416207	63.58%	6.249%
60	16.998	2380	2382	2386	rVV	38545	45994	2.06%	0.203%
61	17.057	2386	2392	2405	rVV	688214	1137653	51.08%	5.020%
62	17.145	2405	2407	2411	rVB5	10052	10864	0.49%	0.048%
63	17.186	2412	2414	2415	rBV2	3428	2686	0.12%	0.012%
64	17.322	2435	2437	2439	rBV3	2206	2707	0.12%	0.012%
65	17.416	2451	2453	2455	rBV3	3551	3758	0.17%	0.017%
66	17.469	2460	2462	2465	rVB4	5122	4911	0.22%	0.022%
67	17.628	2486	2489	2498	rVB10	8620	22637	1.02%	0.100%
68	17.769	2508	2513	2517	rBV2	53644	85017	3.82%	0.375%
69	17.828	2518	2523	2527	rVV	216625	301792	13.55%	1.332%
70	17.881	2527	2532	2558	rVB	532215	964012	43.28%	4.254%
71	18.198	2580	2586	2591	rBV6	26032	55440	2.49%	0.245%
72	18.333	2606	2609	2614	rVB6	11404	17268	0.78%	0.076%
73	18.463	2629	2631	2637	rBV7	11656	17283	0.78%	0.076%
74	19.098	2731	2739	2743	rBV	148218	294339	13.21%	1.299%
75	19.227	2757	2761	2768	rBV2	92829	150723	6.77%	0.665%
76	19.439	2791	2797	2812	rBV	928477	1576763	70.79%	6.957%

LSC Area Percent Report

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Acq On : 12 Dec 2024 20:33
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

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-BP112624.MA.M
Title : SVOA CALIBRATION

77	20.363	2952	2954	2958	rBV5	28389	35801	1.61%	0.158%
78	21.057	3068	3072	3082	rBV6	116997	319686	14.35%	1.411%
79	21.380	3121	3127	3140	rBV	1229108	2129181	95.59%	9.395%
80	23.063	3408	3413	3422	rVB	138456	261632	11.75%	1.154%
81	24.333	3622	3629	3639	rBV	536276	1393011	62.54%	6.147%
82	24.557	3658	3667	3687	rVB	809073	2227384	100.00%	9.828%
83	31.715	4882	4884	4901	rVB5	246200	689470	30.95%	3.042%

Sum of corrected areas: 22663441

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121224\
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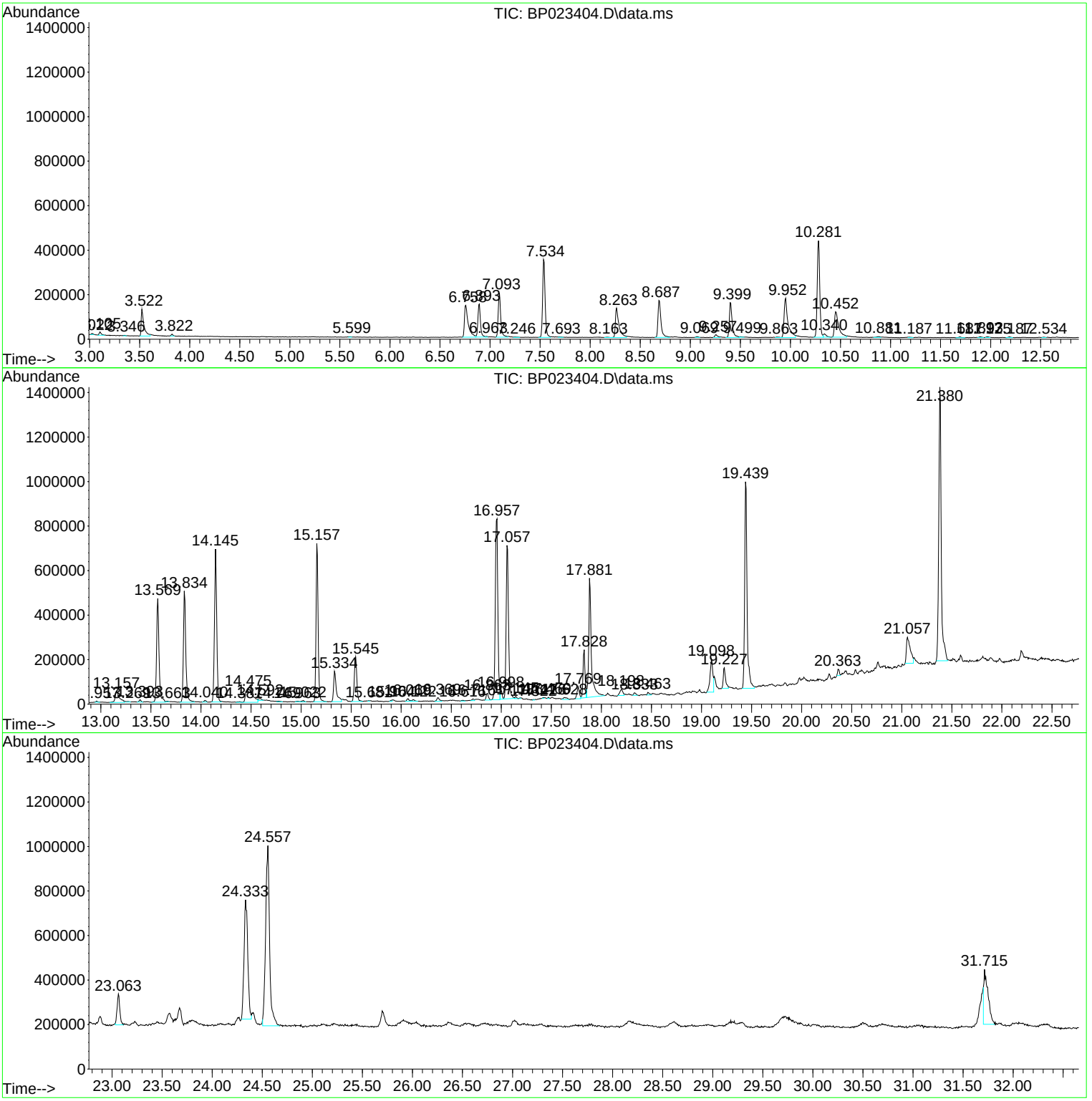
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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\BP121224\
Data File : BP023404.D
Acq On : 12 Dec 2024 20:33
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

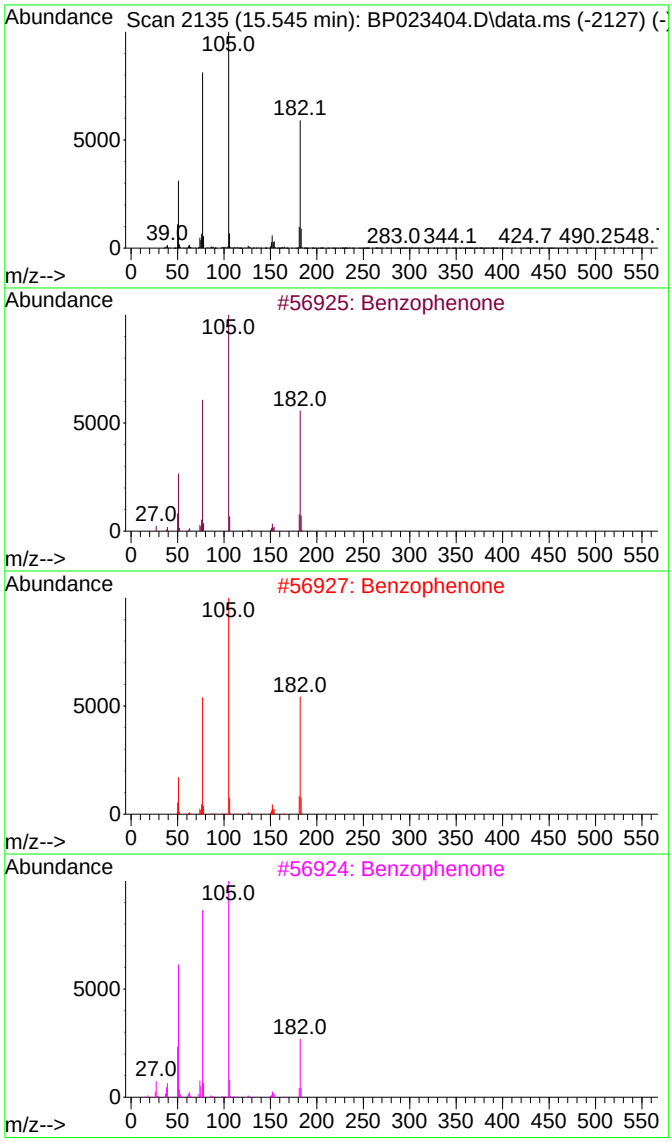
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

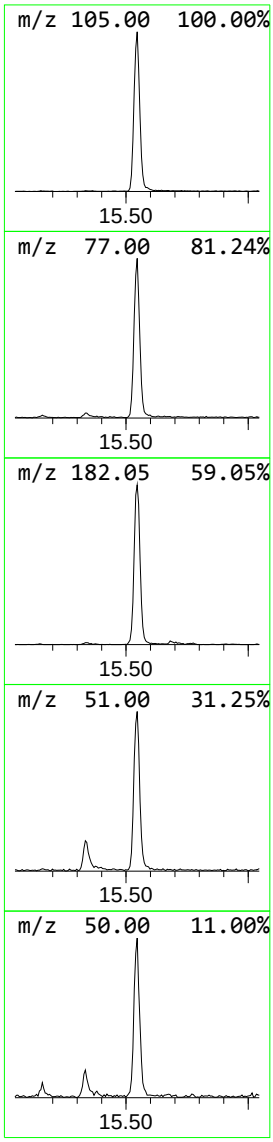
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	6.27 ng/ul	337975	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
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\BP121224\
Data File : BP023404.D
Acq On : 12 Dec 2024 20:33
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

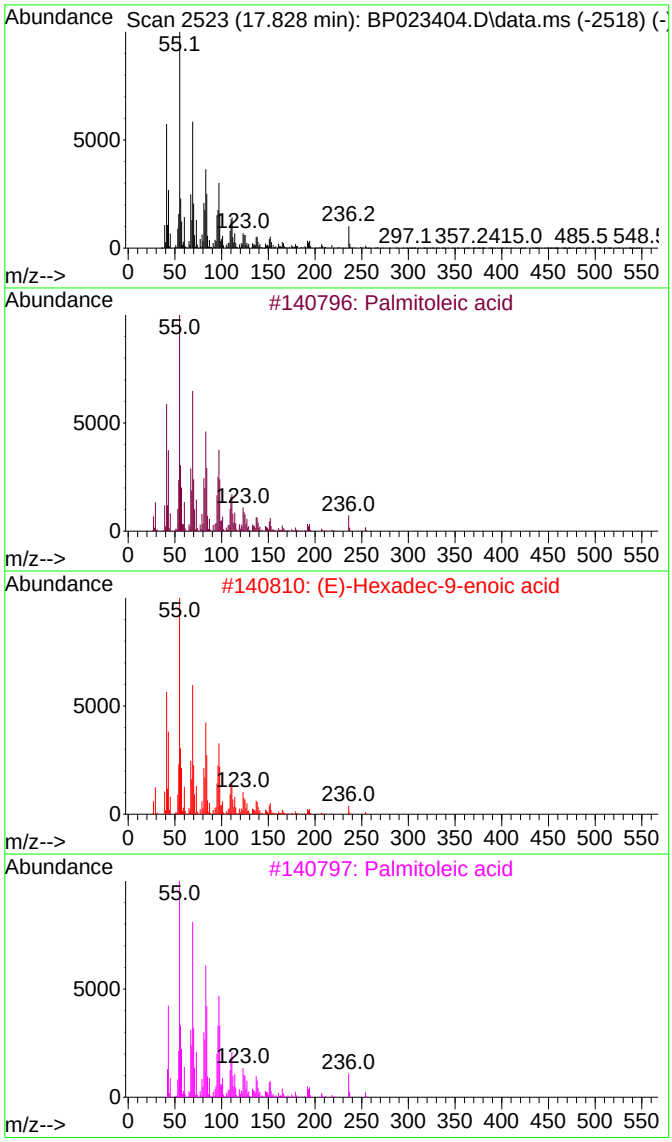
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

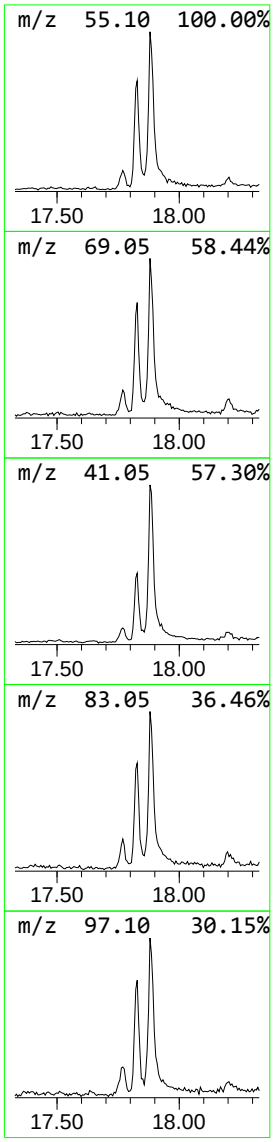
****

Peak Number 3 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	4.26 ng/ul	301792	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	99
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
3	Palmitoleic acid	254	C16H30O2	000373-49-9	98
4	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	96
5	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121224\
Data File : BP023404.D
Acq On : 12 Dec 2024 20:33
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

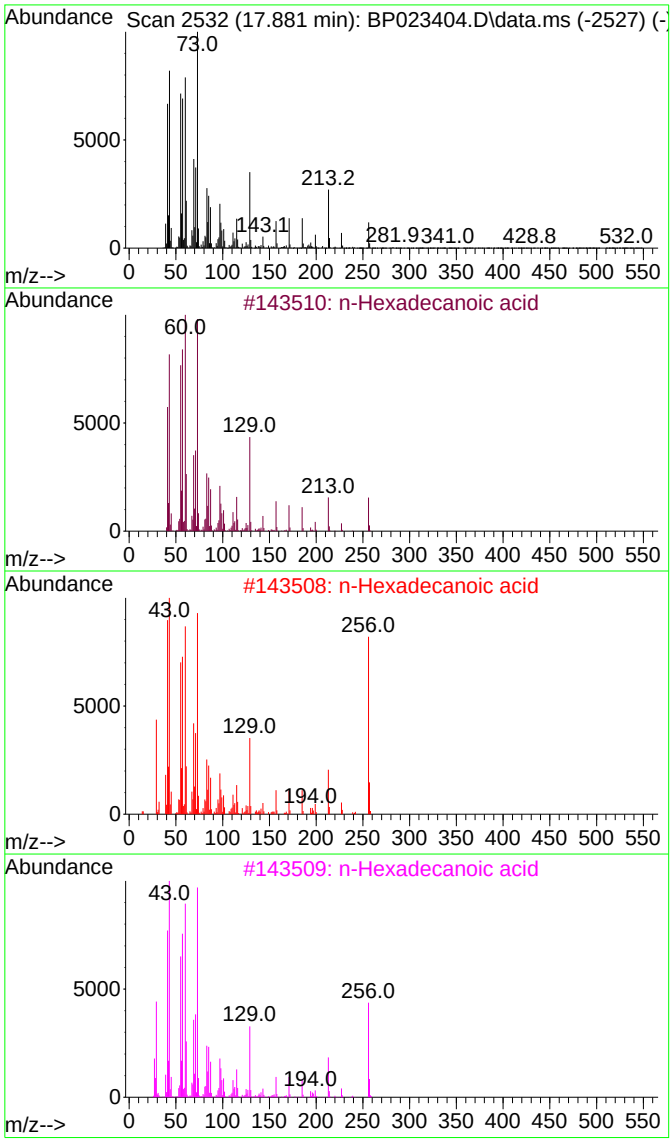
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

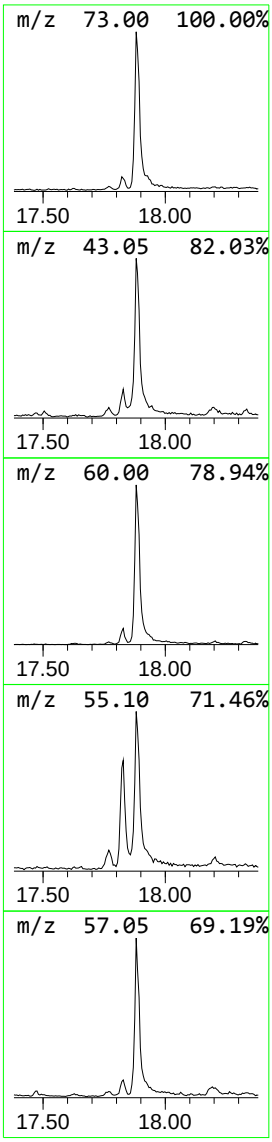
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	13.61 ng/ul	964012	Phenanthrene-d10	16.957

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	91





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Data File : BP023404.D
Acq On : 12 Dec 2024 20:33
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

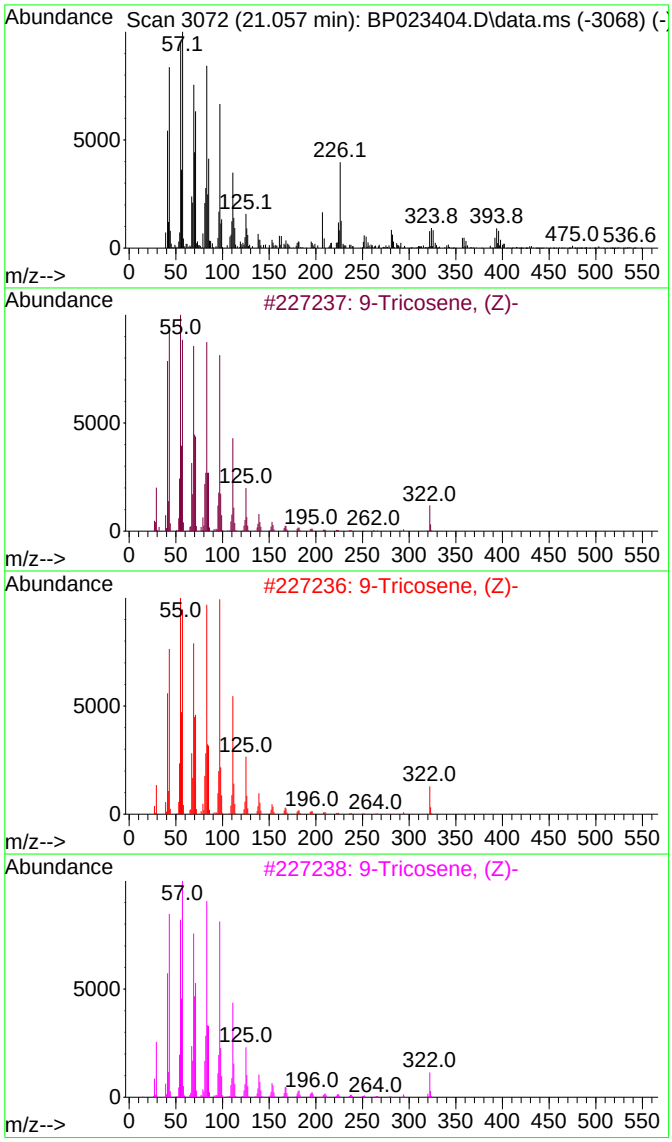
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

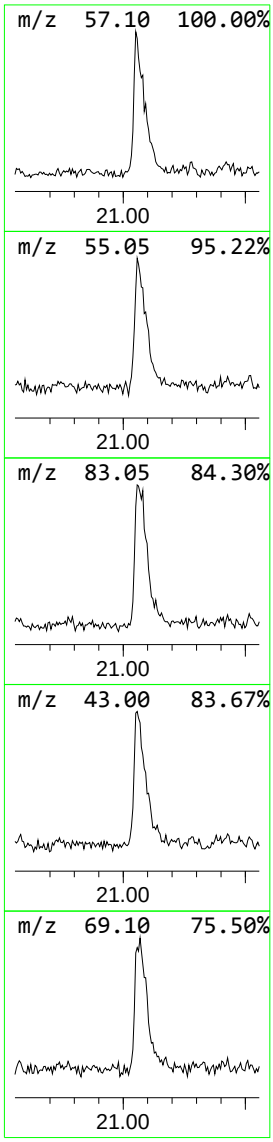
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	3.00 ng/ul	319686	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
4	5-Methyl-Z-5-docosene	322	C23H46	1000131-17-1	60
5	9-Tricosanol, acetate	382	C25H50O2	039754-92-2	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121224\
Data File : BP023404.D
Acq On : 12 Dec 2024 20:33
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28S5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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	15.545	6.3	ng/ul	337975	3	14.145	1078420	20.0
Palmitoleic acid	17.828	4.3	ng/ul	301792	4	16.957	1416210	20.0
n-Hexadecanoic ...	17.881	13.6	ng/ul	964012	4	16.957	1416210	20.0
(DEL) Alkane: S...	21.057	3.0	ng/ul	319686	5	21.380	2129180	20.0