LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022681.D
Acq On : 28 Oct 2024 15:38
Operator : RC/JU
Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

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: BP022681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	30	34	41	rVB	21508	29164	0.90%	0.104%
2	3.599	100	104	114	rBV	275450	431823	13.39%	1.544%
3	3.911	154	157	164	rVB3	4734	6492	0.20%	0.023%
4	4.069	179	184	187	rBV7	2984	4453	0.14%	0.016%
5	4.463	247	251	256	rVB7	4792	6564	0.20%	0.023%
6	4.511	256	259	263	rVB	4126	5156	0.16%	0.018%
7	4.834	308	314	317	rBV7	2442	3718	0.12%	0.013%
8	4.875	317	321	327	rVB8	2997	4743	0.15%	0.017%
9	5.493	419	426	435	rBV2	17571	33078	1.03%	0.118%
10	5.705	456	462	467	rVB4	6380	10942	0.34%	0.039%
11	5.810	475	480	485	rVB3	6223	9265	0.29%	0.033%
12	6.022	509	516	521	rBV	55696	90862	2.82%	0.325%
13	6.069	521	524	532	rVB3	10875	17264	0.54%	0.062%
14	6.187	541	544	550	rBV8	2834	4990	0.15%	0.018%
15	6.263	550	557	562	rVV4	10689	27205	0.84%	0.097%
16	6.422	579	584	588	rBV6	4514	7796	0.24%	0.028%
17	6.475	588	593	597	rVV	24503	40570	1.26%	0.145%
18	6.522	597	601	607	rVB	36419	52508	1.63%	0.188%
19	6.605	610	615	622	rVB5	5382	7979	0.25%	0.029%
20	6.840	649	655	668	rVV	340233	600409	18.61%	2.147%
21	6.993	674	681	692	rVB	257473	418119	12.96%	1.495%
22	7.193	706	715	727	rBV	357688	588797	18.25%	2.105%
23	7.346	736	741	746	rVB8	2513	4818	0.15%	0.017%
24	7.652	785	793	801	rBV	249009	425179	13.18%	1.520%
25	8.352	904	912	923	rBV	432887	739934	22.94%	2.646%
26	8.787	979	986	997	rBV	354017	595179	18.45%	2.128%
27	9.193	1048	1055	1060	rBV2	9096	14446	0.45%	0.052%
28	9.346	1076	1081	1087	rBV2	27424	45995	1.43%	0.164%
29	9.499	1101	1107	1114	rBV	304583	526199	16.31%	1.882%
30	9.551	1114	1116	1122	rVB4	16823	27134	0.84%	0.097%
31	10.040	1192	1199	1220	rBV	433081	804968	24.95%	2.878%
32	10.404	1253	1261	1269	rBV	341562	569243	17.65%	2.036%
33	10.546	1278	1285	1308	rBV	365821	711893	22.07%	2.546%
34	10.951	1346	1354	1363	rBV8	9314	22424	0.70%	0.080%
35	11.216	1395	1399	1403	rBV6	2363	3949	0.12%	0.014%
36	11.663	1469	1475	1483	rBV5	4384	8465	0.26%	0.030%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

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	11.998	1525	1532	1537	rBV2	7228	13499	0.42%	0.048%
38	12.604	1631	1635	1641	rVB7	2174	3766	0.12%	0.013%
39	12.692	1646	1650	1653	rBV5	3580	5173	0.16%	0.018%
40	13.069	1705	1714	1717	rBV9	4571	7742	0.24%	0.028%
41	13.210	1734	1738	1744	rBV7	3142	5556	0.17%	0.020%
42	13.663	1808	1815	1827	rBV	951525	1292260	40.06%	4.621%
43	13.787	1830	1836	1844	rVB	3118	7661	0.24%	0.027%
44	13.945	1851	1863	1874	rBV	963233	1439426	44.62%	5.147%
45	14.157	1895	1899	1905	rVB5	4007	6083	0.19%	0.022%
46	14.257	1907	1916	1928	rBV	566204	866222	26.85%	3.097%
47	14.381	1933	1937	1942	rVB7	2509	3948	0.12%	0.014%
48	14.498	1947	1957	1975	rBV	226231	562908	17.45%	2.013%
49	14.692	1986	1990	1998	rVB8	9520	18650	0.58%	0.067%
50	15.069	2051	2054	2056	rBV3	3801	4378	0.14%	0.016%
51	15.128	2060	2064	2070	rVB8	2893	3998	0.12%	0.014%
52	15.263	2080	2087	2097	rBV	1112246	1853184	57.45%	6.627%
53	15.404	2105	2111	2124	rBV	367979	586597	18.18%	2.098%
54	15.510	2125	2129	2137	rVB7	6909	12849	0.40%	0.046%
55	15.639	2143	2151	2157	rBV	461239	633100	19.63%	2.264%
56	15.910	2193	2197	2201	rBV7	2269	3671	0.11%	0.013%
57	16.210	2243	2248	2254	rBV2	12765	19682	0.61%	0.070%
58	16.528	2297	2302	2309	rVB10	2725	5630	0.17%	0.020%
59	16.980	2375	2379	2382	rBV6	3227	4639	0.14%	0.017%
60	17.051	2384	2391	2400	rVV	825973	1168769	36.23%	4.179%
61	17.157	2402	2409	2423	rVV	1470115	2160993	66.99%	7.727%
62	17.257	2423	2426	2427	rVV3	4577	5308	0.16%	0.019%
63	17.280	2427	2430	2438	rVB10	7340	11416	0.35%	0.041%
64	17.457	2456	2460	2469	rVB10	2869	6517	0.20%	0.023%
65	17.633	2486	2490	2495	rVV8	3338	5234	0.16%	0.019%
66	17.992	2545	2551	2565	rBV	372157	583499	18.09%	2.087%
67	18.304	2600	2604	2613	rVB7	8790	15642	0.48%	0.056%
68	18.445	2624	2628	2632	rBV6	3973	7186	0.22%	0.026%
69	18.692	2668	2670	2673	rBV4	3669	3582	0.11%	0.013%
70	18.857	2694	2698	2703	rBV6	12927	22281	0.69%	0.080%
71	19.092	2734	2738	2742	rBV	22154	30461	0.94%	0.109%
72	19.169	2746	2751	2756	rBV2	24833	52050	1.61%	0.186%
73	19.327	2773	2778	2788	rBV	109839	170579	5.29%	0.610%
74	19.539	2808	2814	2822	rBV	2158984	2734833	84.78%	9.779%
75	20.121	2911	2913	2918	rVB3	18900	21325	0.66%	0.076%
76	21.168	3087	3091	3101	rVB3	114727	252127	7.82%	0.902%

LSC Area Percent Report

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Acq On : 28 Oct 2024 15:38
Operator : RC/JU
Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	21.492	3140	3146	3157	rVB	955673	1550054	48.05%	5.543%
78	24.533	3653	3663	3674	rVB	1296176	3225890	100.00%	11.535%
79	24.757	3691	3701	3713	rVB	649099	1675244	51.93%	5.990%

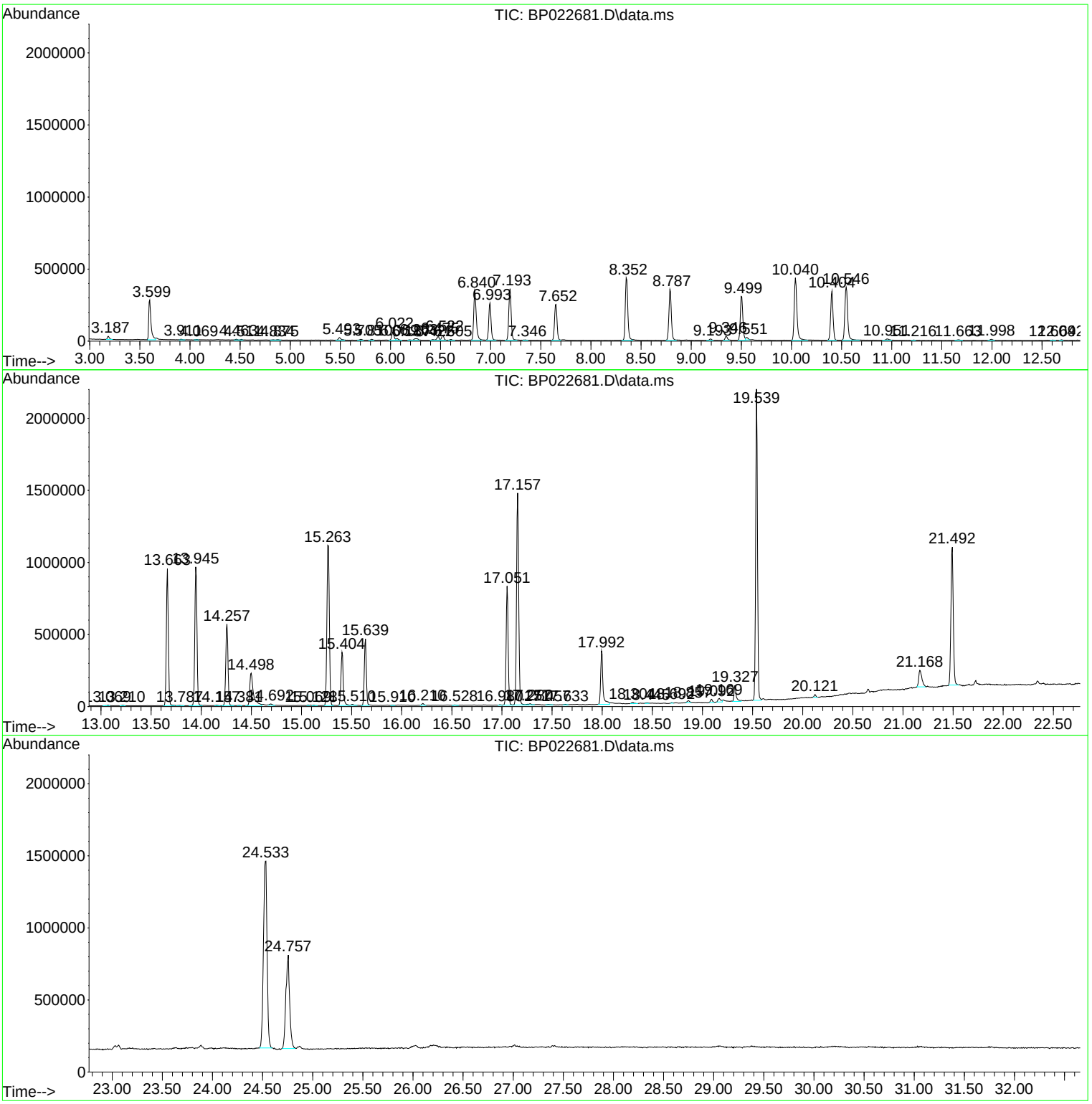
Sum of corrected areas: 27965335

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022681.D
Acq On : 28 Oct 2024 15:38
Operator : RC/JU
Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

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\BP102824\
Data File : BP022681.D
Acq On : 28 Oct 2024 15:38
Operator : RC/JU
Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

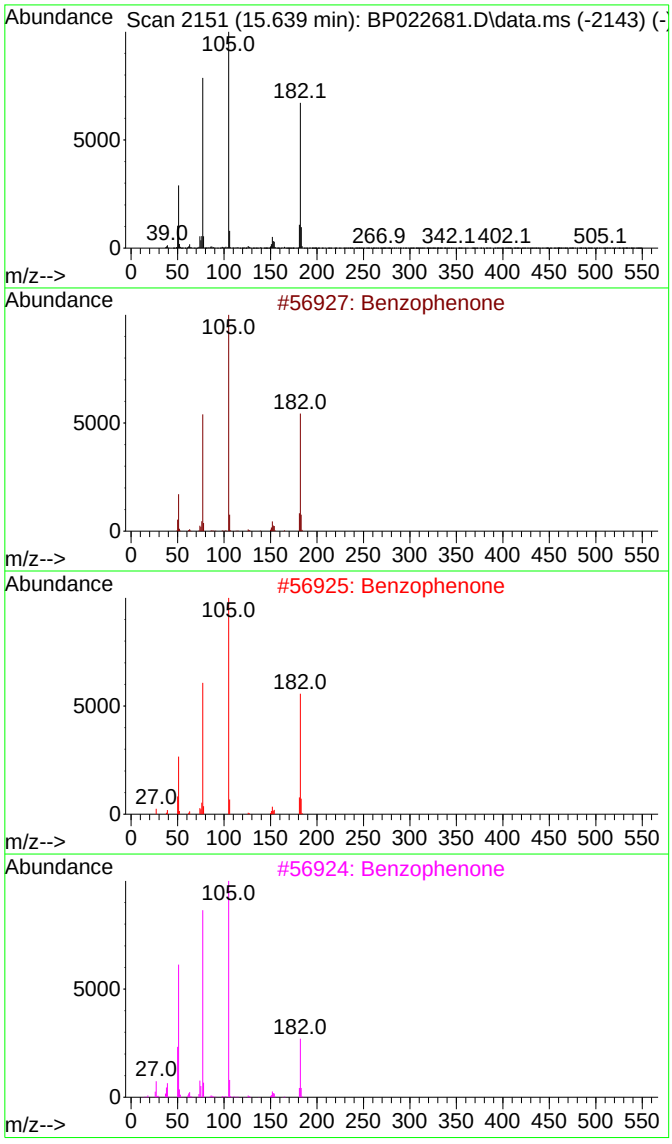
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

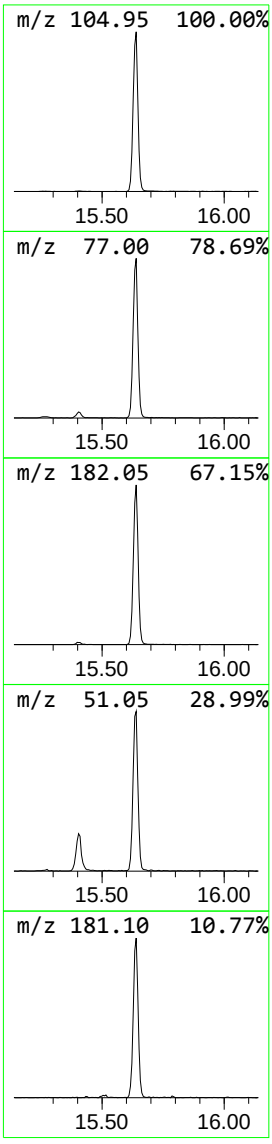
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	14.62 ng/ul	633100	Acenaphthene-d10	14.257

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	90
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022681.D
Acq On : 28 Oct 2024 15:38
Operator : RC/JU
Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

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

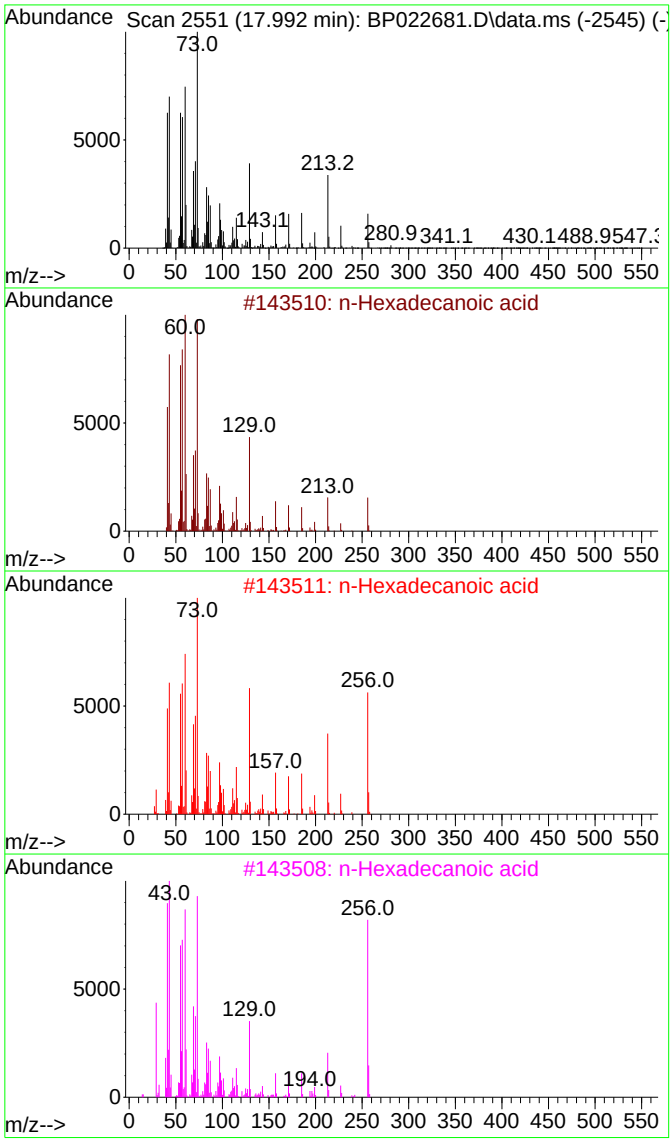
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

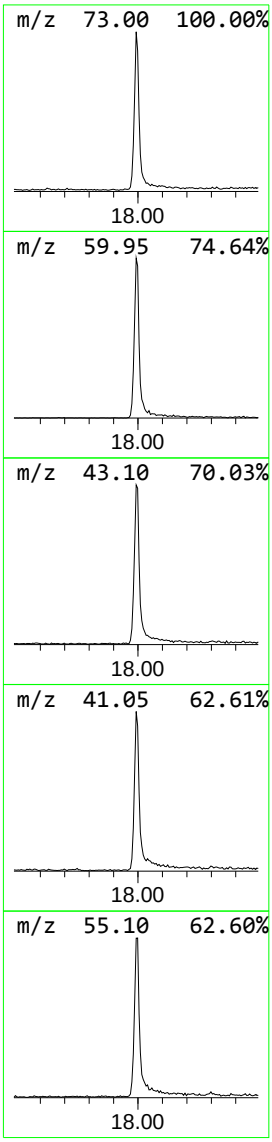
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	9.98 ng/ul	583499	Phenanthrene-d10	17.051

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022681.D
Acq On : 28 Oct 2024 15:38
Operator : RC/JU
Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

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

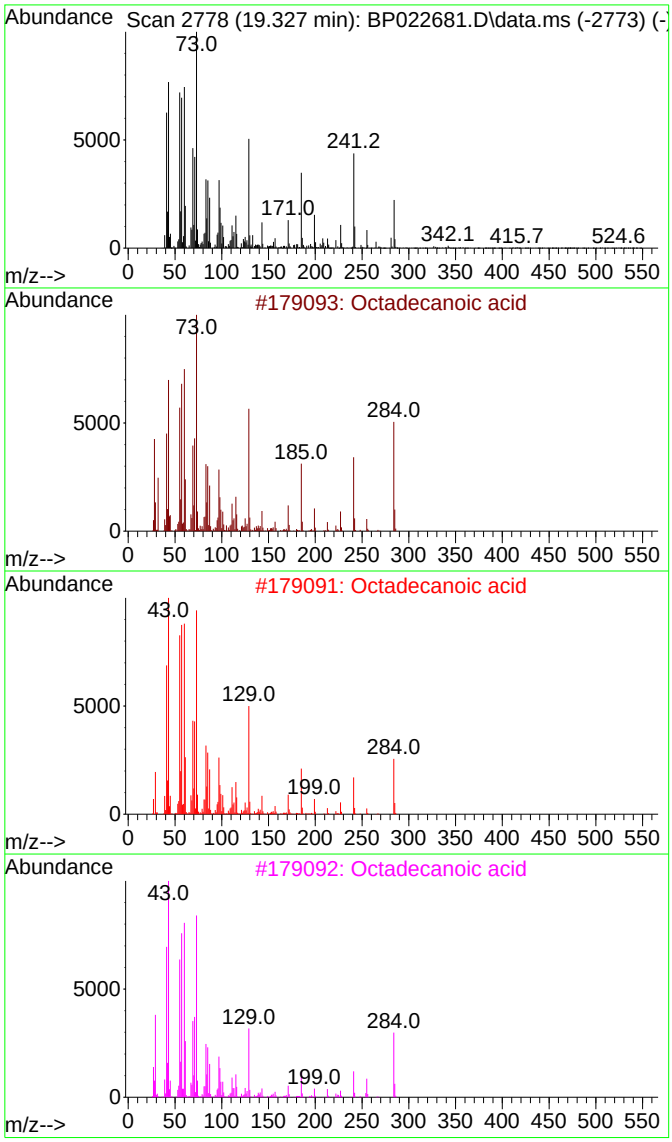
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

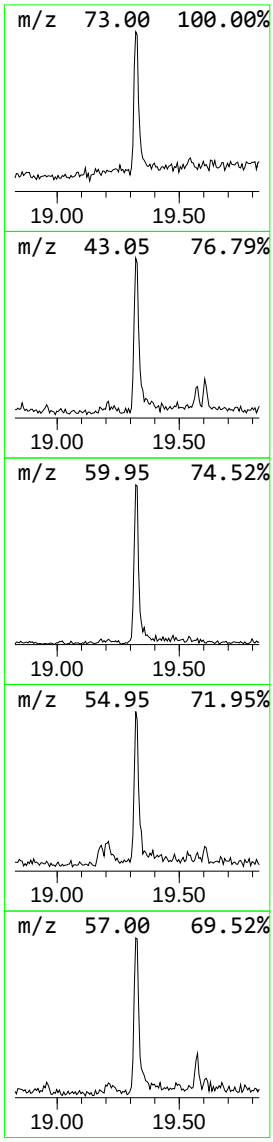
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	2.20 ng/ul	170579	Chrysene-d12	21.492

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Sample : P4529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H13

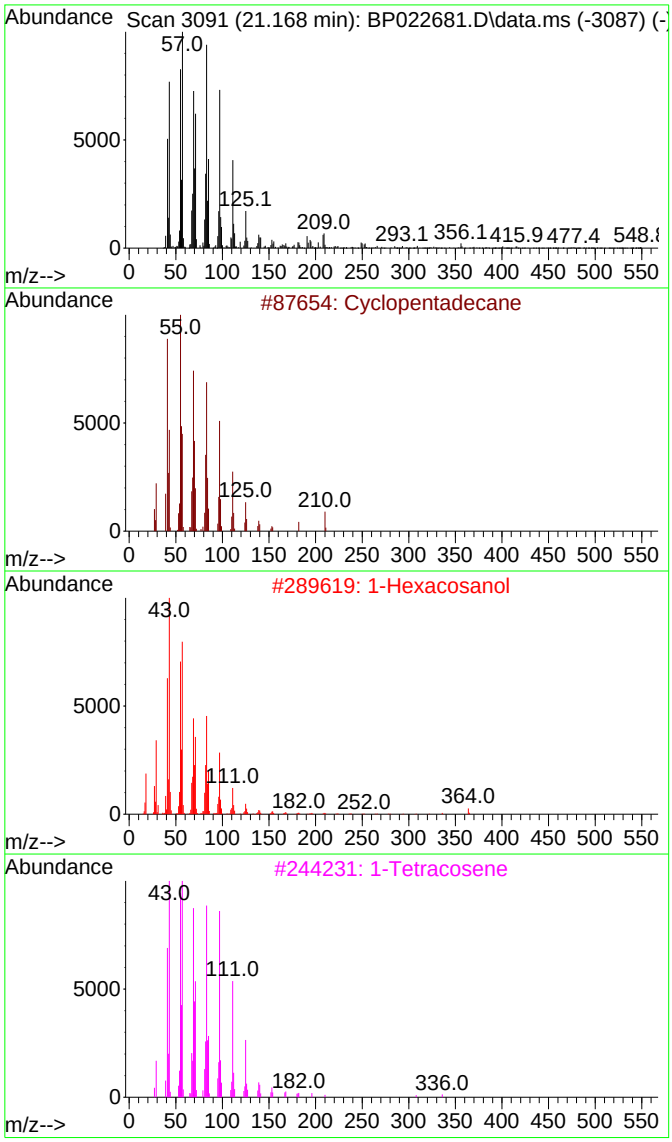
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

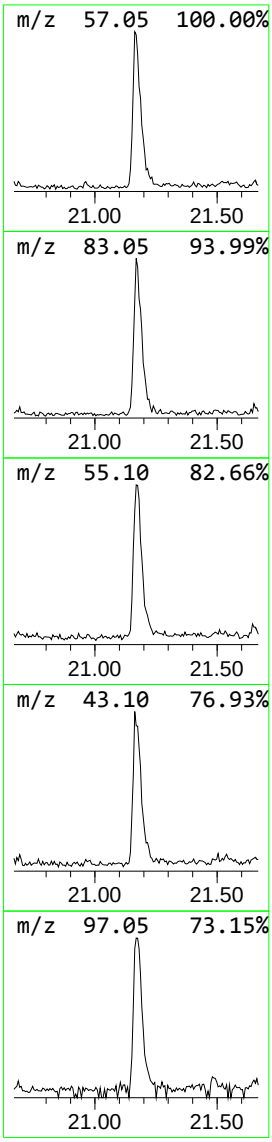
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.169 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.169	3.25 ng/ul	252127	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	1-Hexacosanol	382	C26H54O	000506-52-5	90
3	1-Tetracosene	336	C24H48	010192-32-2	87
4	1-Docosene	308	C22H44	001599-67-3	87
5	Pentacos-1-ene	350	C25H50	016980-85-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022681.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
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	15.639	14.6	ng/ul	633100	3	14.257	866222	20.0
n-Hexadecanoic ...	17.992	10.0	ng/ul	583499	4	17.051	1168770	20.0
Octadecanoic acid	19.327	2.2	ng/ul	170579	5	21.492	1550050	20.0
(DEL) Alkane: C...	21.169	3.3	ng/ul	252127	5	21.492	1550050	20.0