LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

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: BP022584.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	31	35	45	rVB	15825	26729	0.14%	0.010%
2	6.846	646	656	657	rBV	343232	434508	2.31%	0.170%
3	6.869	657	660	672	rVB	474969	819131	4.35%	0.320%
4	6.993	675	681	688	rBV	216586	355252	1.88%	0.139%
5	7.093	690	698	710	rVB	1818485	2929981	15.54%	1.144%
6	7.228	710	721	731	rBV2	1135851	2319672	12.31%	0.906%
7	7.652	783	793	794	rBV	430984	555956	2.95%	0.217%
8	7.687	794	799	808	rVB	3220465	5086556	26.98%	1.987%
9	7.999	842	852	862	rBV	3248396	5108607	27.10%	1.995%
10	8.363	907	914	921	rBV	371246	625092	3.32%	0.244%
11	8.452	921	929	942	rVV	2148971	3597781	19.09%	1.405%
12	8.710	965	973	981	rVV	1786079	3002530	15.93%	1.173%
13	8.793	981	987	990	rVV	304116	495652	2.63%	0.194%
14	8.834	990	994	1002	rVB	521441	806621	4.28%	0.315%
15	9.193	1049	1055	1062	rVB3	18483	27716	0.15%	0.011%
16	9.357	1071	1083	1101	rBV	2699970	4711081	24.99%	1.840%
17	9.504	1101	1108	1110	rVV	286931	462339	2.45%	0.181%
18	9.534	1110	1113	1124	rVV	570448	819513	4.35%	0.320%
19	9.651	1127	1133	1141	rVB	104980	173168	0.92%	0.068%
20	9.828	1156	1163	1175	rVB	2290493	3572897	18.95%	1.395%
21	10.069	1192	1204	1217	rBV2	1727012	3671189	19.48%	1.434%
22	10.404	1251	1261	1269	rBV	489497	921435	4.89%	0.360%
23	10.546	1278	1285	1303	rBV	296971	517996	2.75%	0.202%
24	10.740	1305	1318	1327	rBV	2943783	4989675	26.47%	1.949%
25	11.698	1473	1481	1498	rBV	845360	1369735	7.27%	0.535%
26	11.957	1520	1525	1529	rBV	25578	42053	0.22%	0.016%
27	12.069	1536	1544	1550	rBV	1410739	2414780	12.81%	0.943%
28	12.493	1609	1616	1622	rBV	39467	59948	0.32%	0.023%
29	12.687	1641	1649	1656	rBV	4111249	6415205	34.03%	2.505%
30	12.769	1656	1663	1678	rVB	841214	1491964	7.92%	0.583%
31	13.081	1711	1716	1720	rBV3	13312	19126	0.10%	0.007%
32	13.192	1727	1735	1740	rBV3	17374	32579	0.17%	0.013%
33	13.263	1743	1747	1751	rVV	14900	23208	0.12%	0.009%
34	13.310	1751	1755	1763	rVB2	11833	21902	0.12%	0.009%
35	13.675	1811	1817	1825	rBV	917896	1315848	6.98%	0.514%
36	13.857	1839	1848	1857	rBV	4198136	6781394	35.98%	2.648%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

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	13.963	1857	1866	1869	rBV2	895986	1630306	8.65%	0.637%
38	14.281	1909	1920	1925	rBV	857759	1299029	6.89%	0.507%
39	14.339	1925	1930	1935	rVV	5112854	6669079	35.38%	2.605%
40	14.392	1935	1939	1948	rVB	45763	70146	0.37%	0.027%
41	14.522	1950	1961	1970	rBV2	1598878	2851848	15.13%	1.114%
42	14.598	1970	1974	1979	rVB	60640	96635	0.51%	0.038%
43	14.663	1979	1985	1990	rBV	3658243	4651473	24.68%	1.817%
44	14.916	2022	2028	2038	rVB	62566	102409	0.54%	0.040%
45	15.139	2061	2066	2077	rVB6	20636	42601	0.23%	0.017%
46	15.281	2083	2090	2095	rBV	1278548	2015607	10.69%	0.787%
47	15.345	2095	2101	2107	rVV	10123076	14086344	74.73%	5.501%
48	15.410	2107	2112	2123	rVB	447417	615002	3.26%	0.240%
49	15.586	2136	2142	2149	rBV	99592	155414	0.82%	0.061%
50	15.663	2149	2155	2166	rVB	509244	639231	3.39%	0.250%
51	15.951	2199	2204	2207	rBV4	16289	21352	0.11%	0.008%
52	16.028	2211	2217	2224	rBV6	51033	101231	0.54%	0.040%
53	16.251	2244	2255	2261	rBV2	1492674	2263875	12.01%	0.884%
54	16.381	2269	2277	2282	rBV	9491999	13568184	71.98%	5.299%
55	16.728	2326	2336	2350	rBV	6904165	9856035	52.29%	3.849%
56	17.075	2389	2395	2398	rBV	1239695	1703473	9.04%	0.665%
57	17.116	2398	2402	2406	rVV	2373116	3343487	17.74%	1.306%
58	17.169	2406	2411	2414	rVV2	1401193	2170792	11.52%	0.848%
59	17.210	2414	2418	2426	rVB	2193627	3231546	17.14%	1.262%
60	17.498	2462	2467	2473	rVB3	28545	48875	0.26%	0.019%
61	17.716	2499	2504	2510	rVV4	56053	101491	0.54%	0.040%
62	17.775	2510	2514	2520	rVB	110541	129853	0.69%	0.051%
63	17.957	2541	2545	2550	rBV8	18423	26221	0.14%	0.010%
64	18.022	2550	2556	2561	rBV	479014	665937	3.53%	0.260%
65	18.086	2561	2567	2573	rVB	7049529	9281246	49.24%	3.625%
66	18.180	2579	2583	2588	rVB5	24649	39390	0.21%	0.015%
67	18.316	2601	2606	2611	rBV3	35717	72802	0.39%	0.028%
68	18.410	2617	2622	2631	rBV8	37266	87673	0.47%	0.034%
69	18.486	2631	2635	2641	rVV3	38805	74408	0.39%	0.029%
70	18.551	2641	2646	2653	rVB	268836	354122	1.88%	0.138%
71	18.798	2684	2688	2692	rBV2	26977	37621	0.20%	0.015%
72	18.886	2696	2703	2705	rBV2	82837	159214	0.84%	0.062%
73	18.916	2705	2708	2717	rVB3	98596	175944	0.93%	0.069%
74	19.104	2737	2740	2743	rBV3	25813	36309	0.19%	0.014%
75	19.139	2743	2746	2751	rVV3	49051	76751	0.41%	0.030%
76	19.222	2753	2760	2769	rVB	10685036	13494075	71.59%	5.270%

LSC Area Percent Report

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Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

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	19.351	2778	2782	2790	rBV	168352	253855	1.35%	0.099%
78	19.463	2798	2801	2806	rVB	69536	92764	0.49%	0.036%
79	19.563	2812	2818	2820	rBV	2099633	2958993	15.70%	1.156%
80	19.592	2820	2823	2832	rVB	4959631	5903899	31.32%	2.306%
81	20.122	2909	2913	2920	rBV5	95707	208237	1.10%	0.081%
82	20.286	2937	2941	2946	rBV4	129433	186728	0.99%	0.073%
83	20.486	2973	2975	2978	rBV2	55335	53003	0.28%	0.021%
84	20.539	2979	2984	2989	rVB	2020411	2456096	13.03%	0.959%
85	21.186	3089	3094	3106	rVB	399757	703395	3.73%	0.275%
86	21.345	3118	3121	3126	rVB	110293	149967	0.80%	0.059%
87	21.427	3129	3135	3140	rVV	8619439	11038988	58.56%	4.311%
88	21.498	3140	3147	3152	rVV	8951636	14316170	75.95%	5.591%
89	21.563	3152	3158	3166	rVB	11126283	18849610	100.00%	7.362%
90	23.768	3520	3533	3541	rVB	6912303	17518713	92.94%	6.842%
91	24.551	3658	3666	3672	rBV	1163304	2853625	15.14%	1.114%
92	24.627	3672	3679	3688	rVB	1456136	3661313	19.42%	1.430%
93	24.774	3695	3704	3714	rVB2	710593	1941738	10.30%	0.758%
94	28.556	4330	4347	4364	rVB	2286257	9881189	52.42%	3.859%
95	29.609	4517	4526	4527	rBV	500206	961624	5.10%	0.376%

Sum of corrected areas: 256055757

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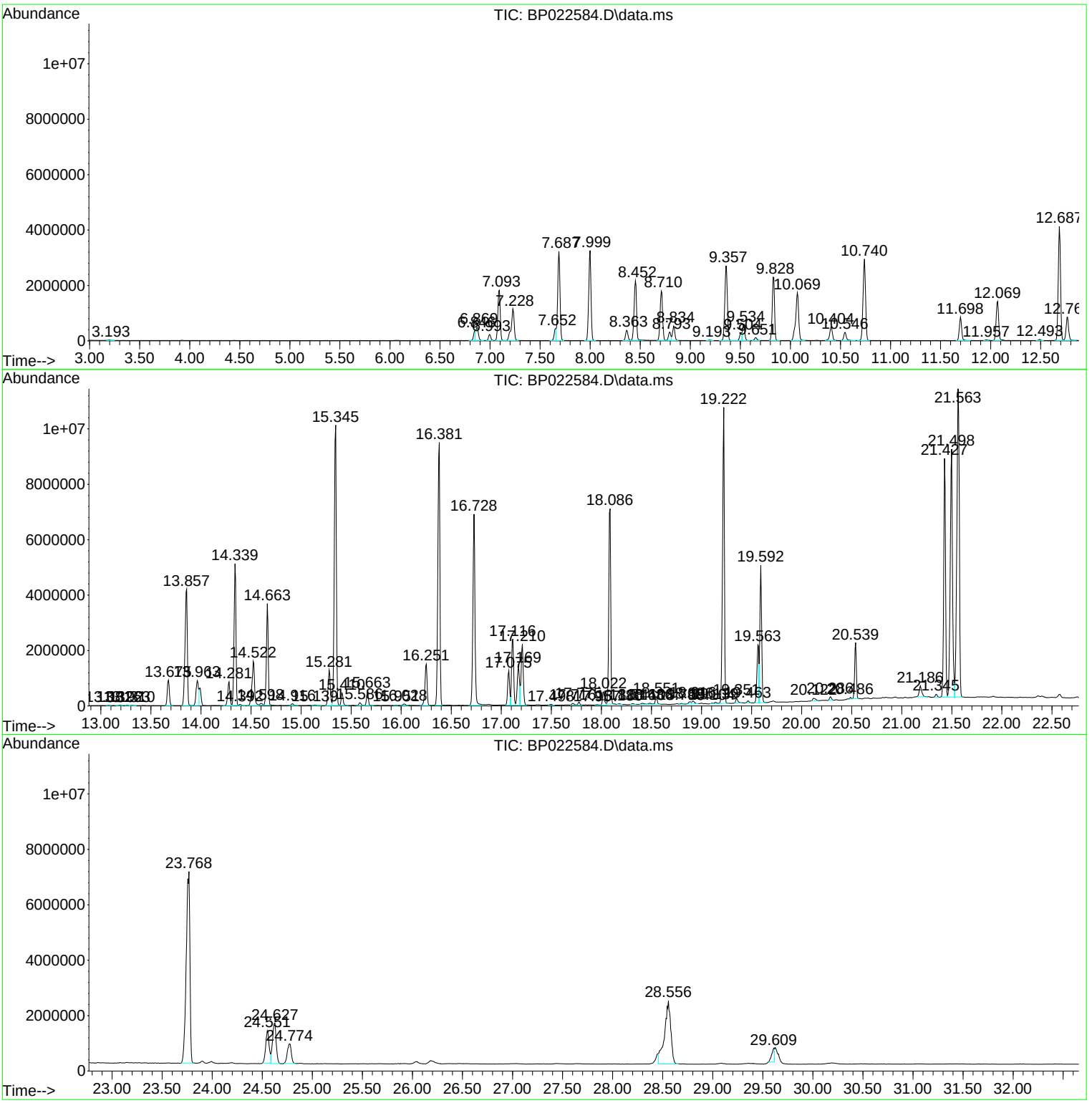
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

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\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
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Instrument :
BNA_P
ClientSampleId :
A4E91

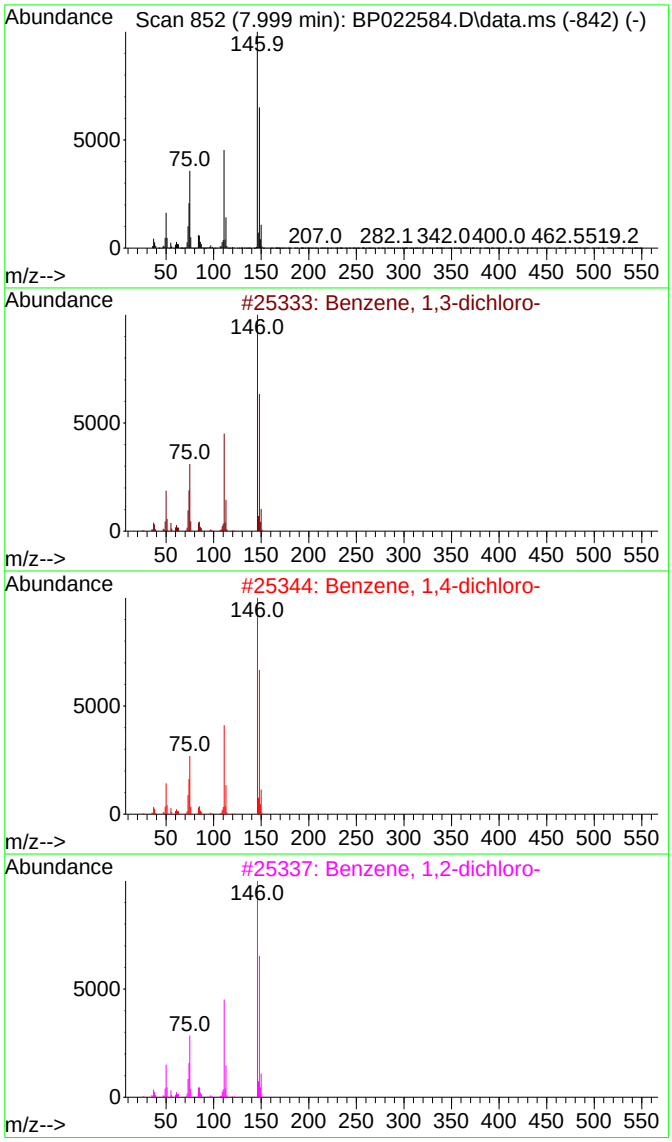
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

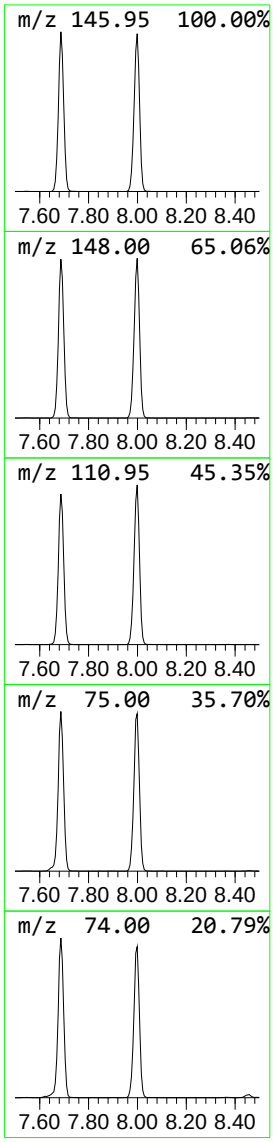
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.999	183.78 ng/ul	5108610	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

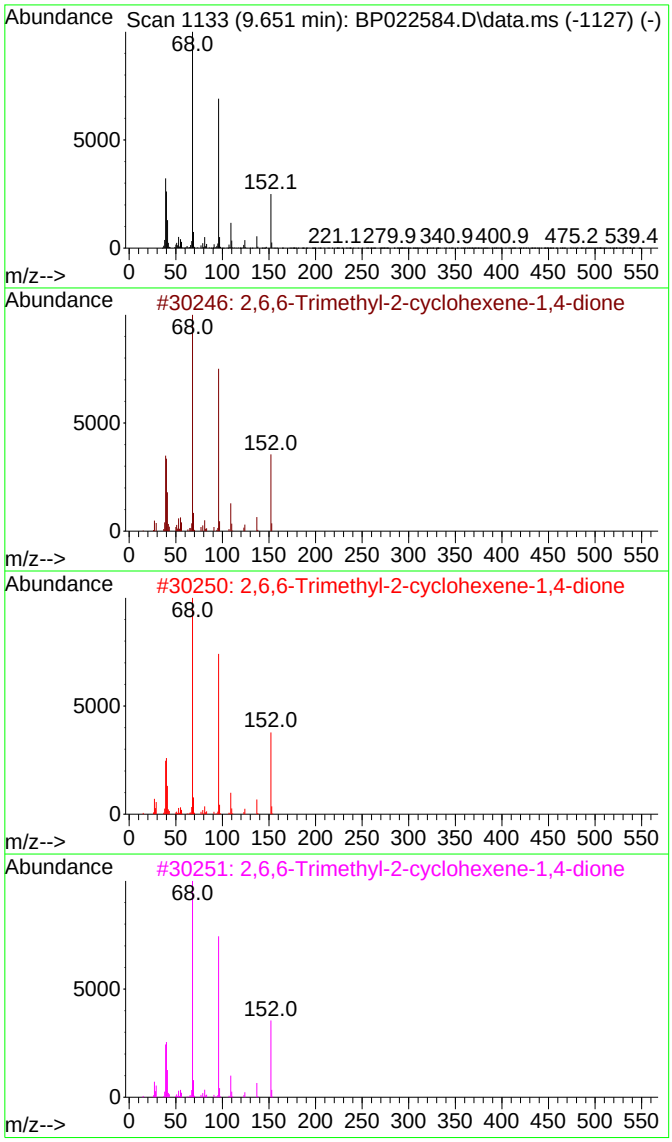
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

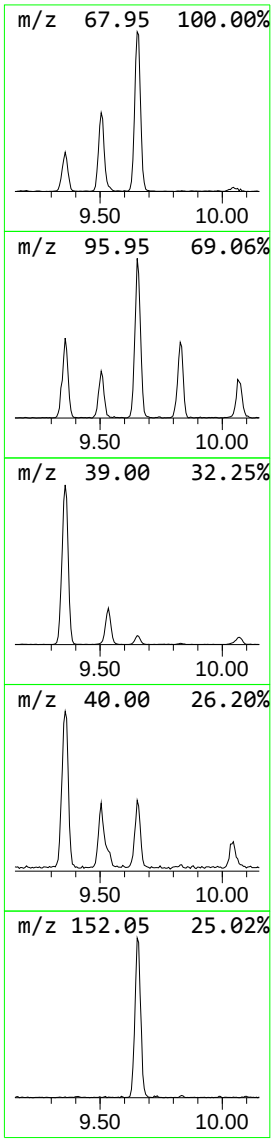
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,6,6-Trimethyl-2-cyclohexe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	3.76 ng/ul	173168	Naphthalene-d8	10.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,6-Trimethyl-2-cyclohexene-1,...	152	C9H12O2	001125-21-9	96
2	2,6,6-Trimethyl-2-cyclohexene-1,...	152	C9H12O2	001125-21-9	94
3	2,6,6-Trimethyl-2-cyclohexene-1,...	152	C9H12O2	001125-21-9	94
4	2,6,6-Trimethyl-2-cyclohexene-1,...	152	C9H12O2	001125-21-9	86
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

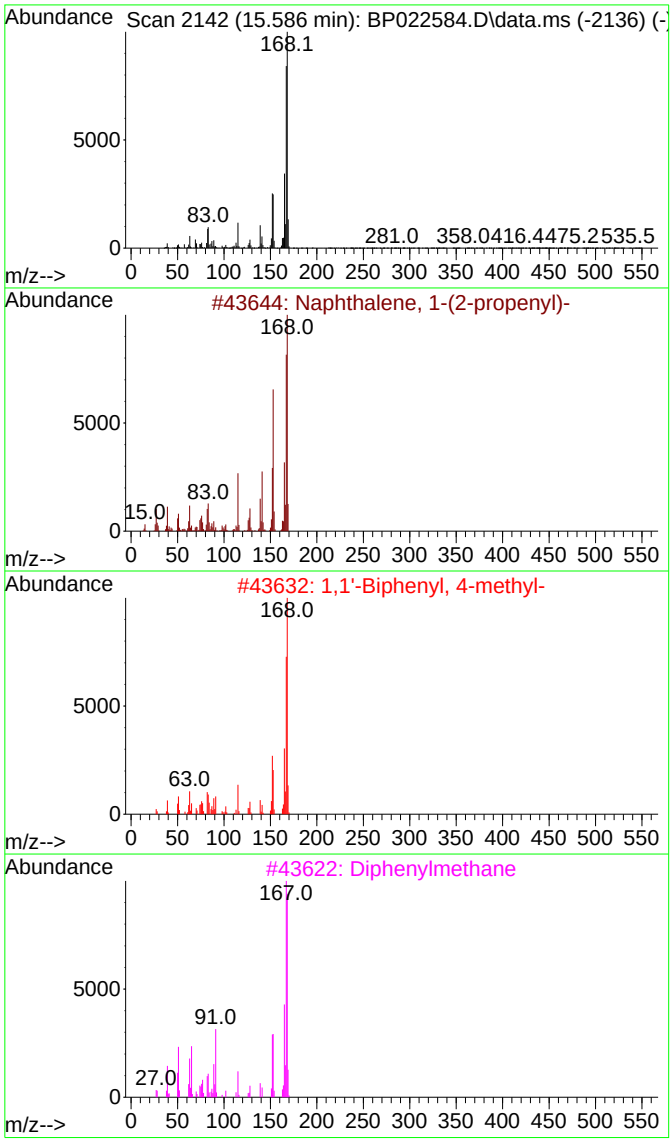
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

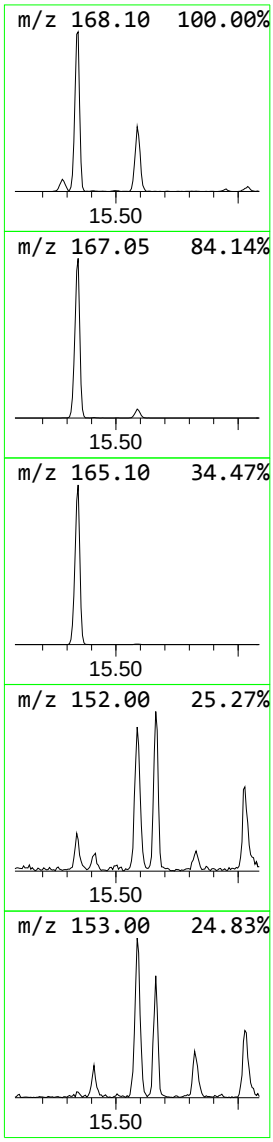
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.586	2.39 ng/ul	155414	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	93
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
3	Diphenylmethane	168	C13H12	000101-81-5	93
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
5	Diphenylmethane	168	C13H12	000101-81-5	91





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Acq On : 24 Oct 2024 12:21
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Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

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

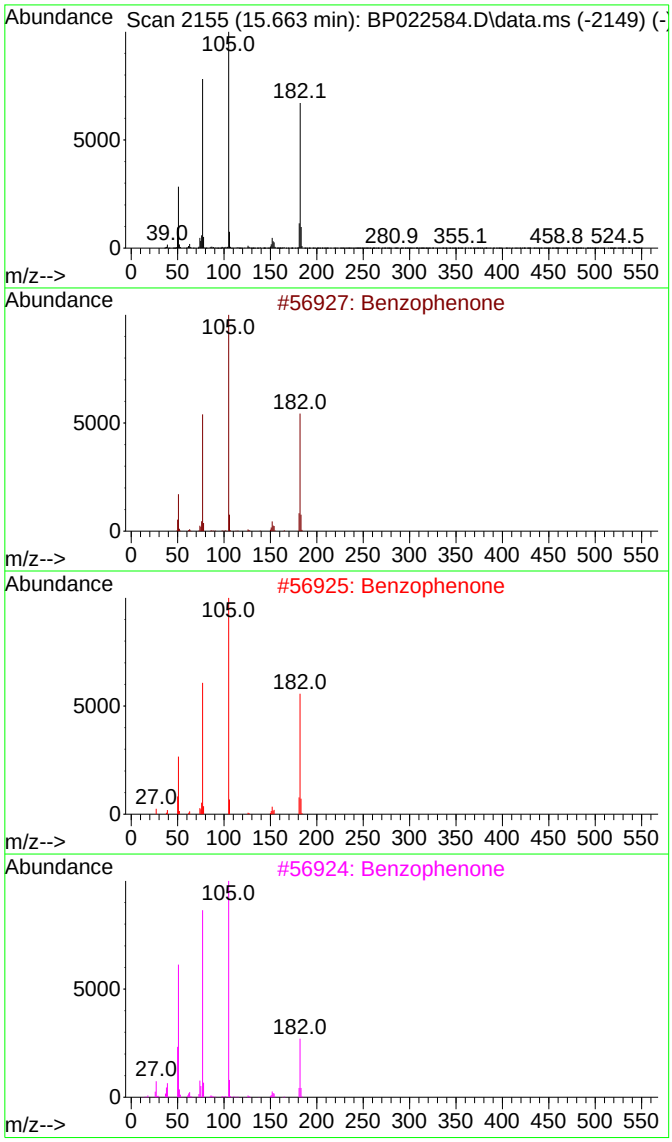
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

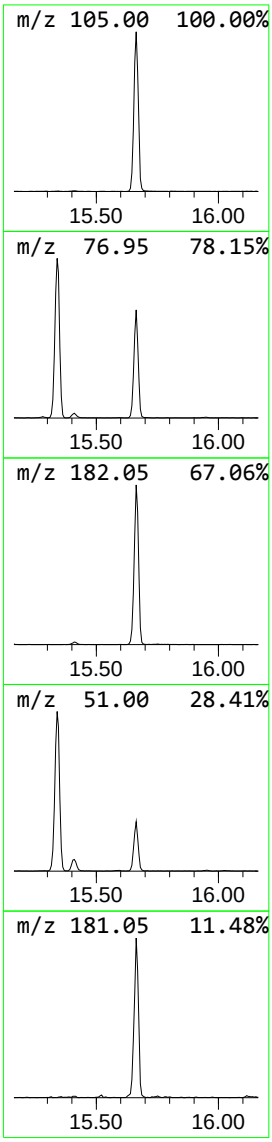
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	9.84 ng/ul	639231	Acenaphthene-d10	14.281

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	93
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

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

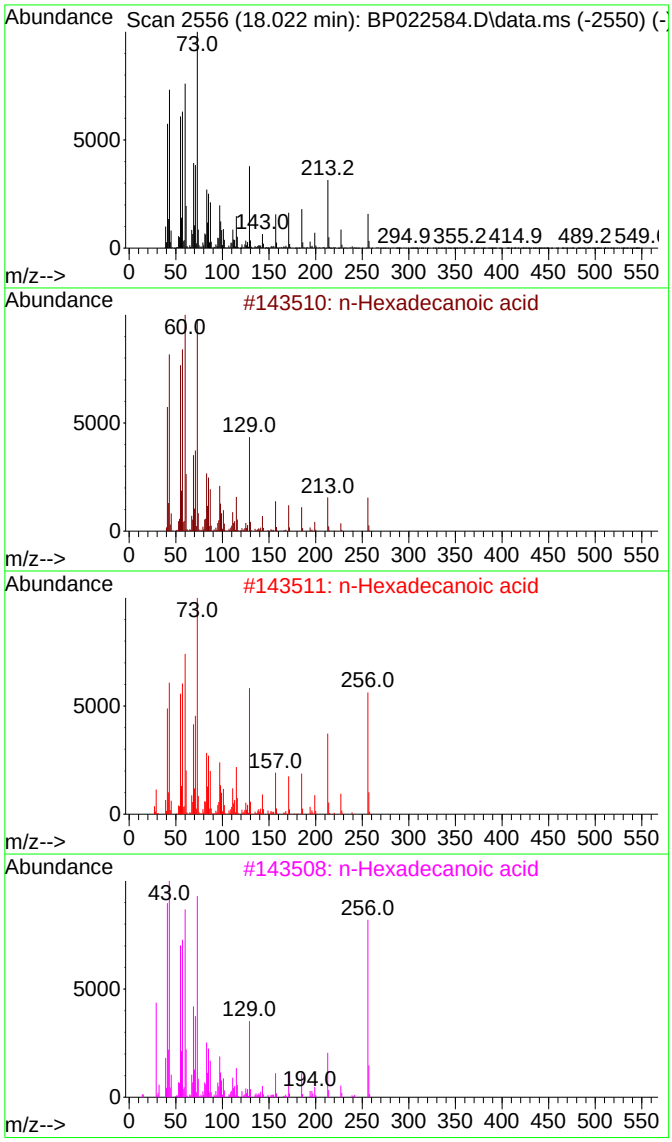
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

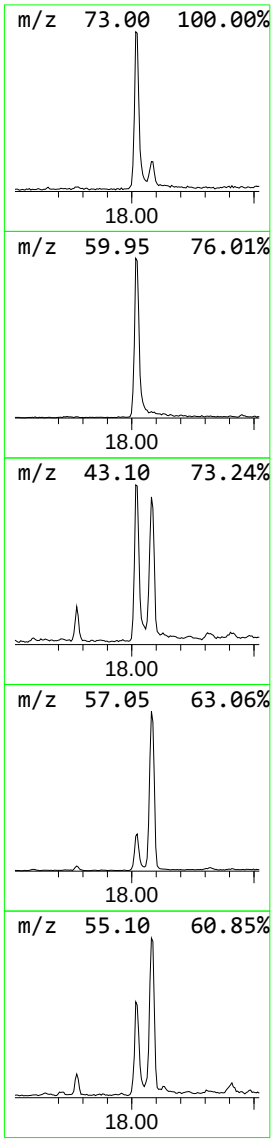
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	7.82 ng/ul	665937	Phenanthrene-d10	17.075

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	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

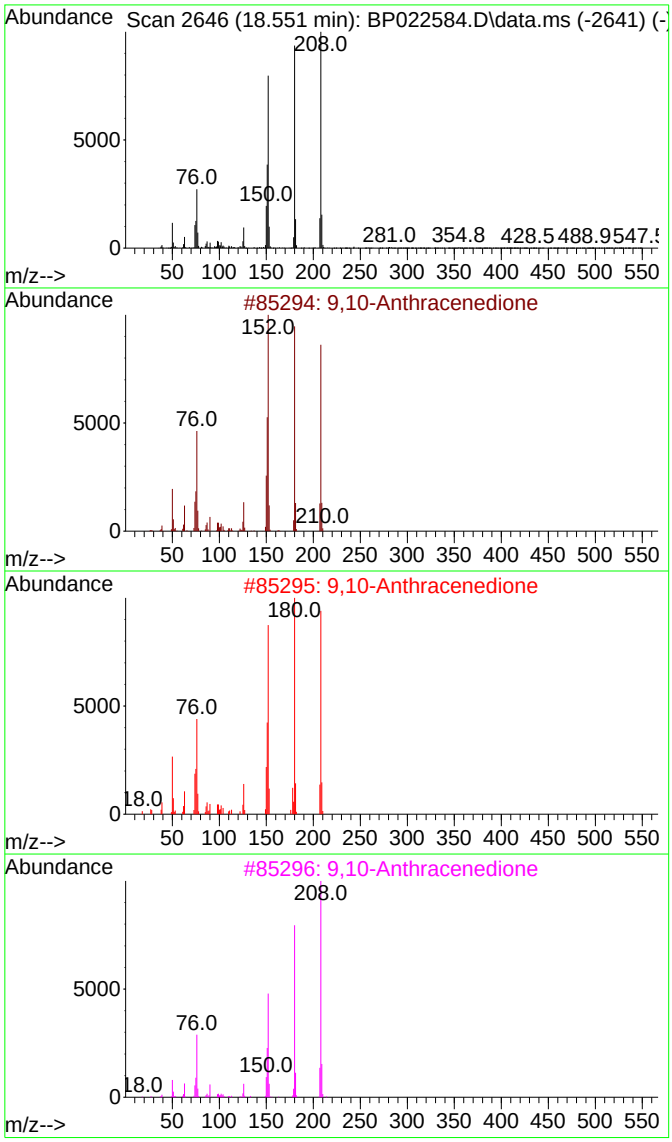
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

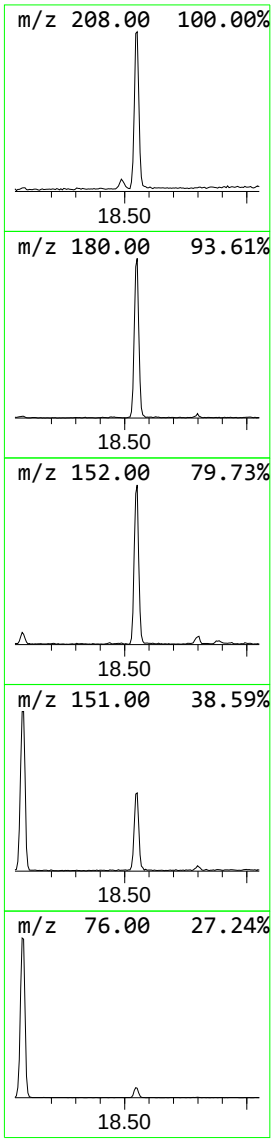
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	4.16 ng/ul	354122	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

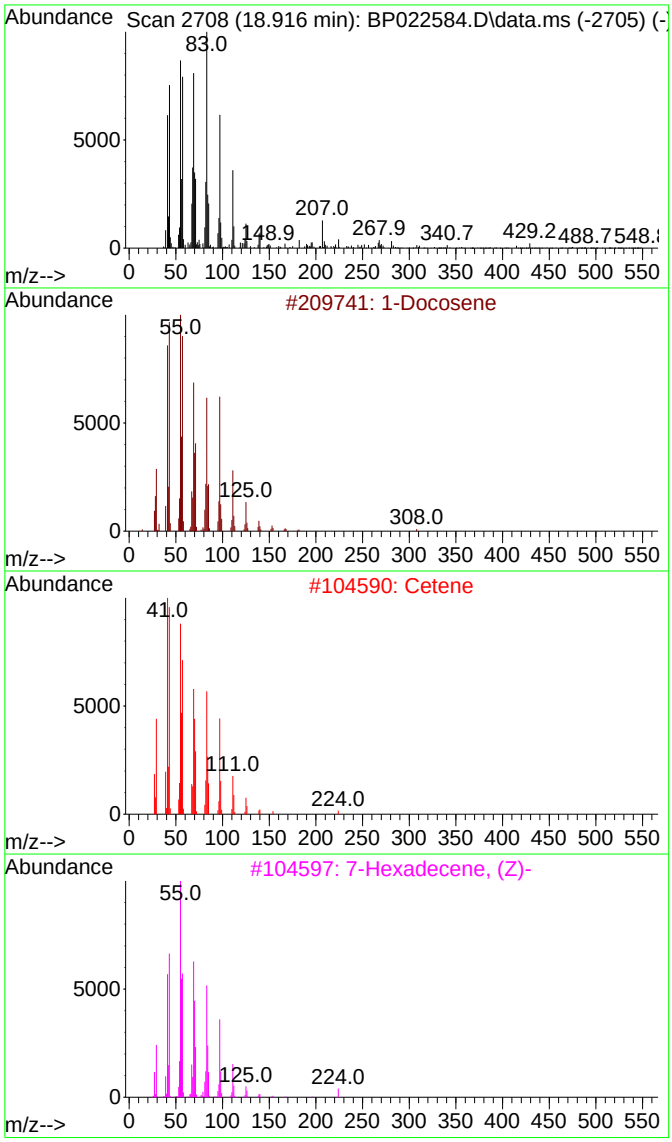
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

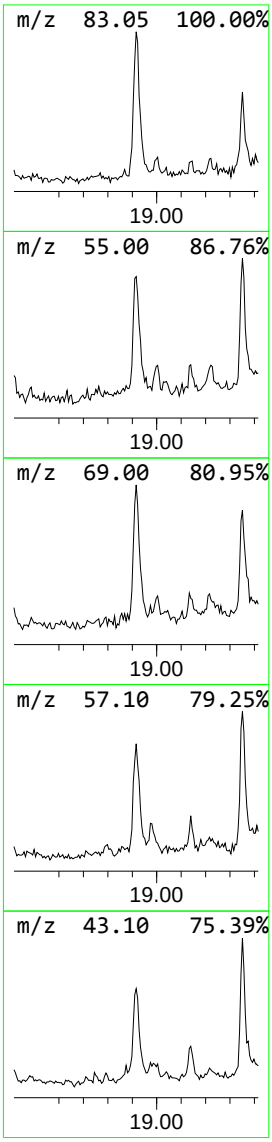
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.916	2.07 ng/ul	175944	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Cetene	224	C16H32	000629-73-2	87
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	87
4	1-Tetracosene	336	C24H48	010192-32-2	74
5	1-Hexadecanol	242	C16H34O	036653-82-4	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022584.D
Acq On : 24 Oct 2024 12:21
Operator : RC/JU
Sample : P4415-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E91

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
Benzene, 1,3-di...	7.999	183.8	ng/ul	5108610	1	7.652	555956	20.0
2,6,6-Trimethyl...	9.651	3.8	ng/ul	173168	2	10.410	921435	20.0
Naphthalene, 1-...	15.586	2.4	ng/ul	155414	3	14.281	1299030	20.0
Benzophenone	15.663	9.8	ng/ul	639231	3	14.281	1299030	20.0
n-Hexadecanoic ...	18.022	7.8	ng/ul	665937	4	17.075	1703470	20.0
9,10-Anthracene...	18.551	4.2	ng/ul	354122	4	17.075	1703470	20.0
(DEL) Alkane: S...	18.916	2.1	ng/ul	175944	4	17.075	1703470	20.0