LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFK1

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-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015642.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	33	36	42	rVB2	11103	16590	1.13%	0.094%
2	3.846	109	112	116	rVB	16228	20205	1.38%	0.115%
3	3.893	118	120	123	rVV4	9101	9472	0.65%	0.054%
4	3.946	125	129	138	rVV	73255	107648	7.33%	0.612%
5	4.028	139	143	146	rVV	12872	20128	1.37%	0.114%
6	4.069	146	150	156	rVB2	15458	24026	1.64%	0.137%
7	4.175	164	168	174	rVB4	10404	16398	1.12%	0.093%
8	4.758	261	267	270	rBV4	11808	18334	1.25%	0.104%
9	4.922	289	295	296	rBV6	4646	8028	0.55%	0.046%
10	5.122	322	329	332	rBV5	4645	8059	0.55%	0.046%
11	5.234	339	348	352	rBV7	9889	22434	1.53%	0.128%
12	5.669	420	422	429	rVV7	5316	10113	0.69%	0.058%
13	6.046	479	486	492	rBV7	9791	21349	1.45%	0.121%
14	6.299	524	529	540	rBV6	7266	19826	1.35%	0.113%
15	6.599	575	580	584	rVB8	4431	8582	0.58%	0.049%
16	6.710	595	599	605	rVB6	6595	11711	0.80%	0.067%
17	6.934	630	637	643	rVV10	5870	12521	0.85%	0.071%
18	7.246	682	690	702	rBV	104665	251127	17.10%	1.429%
19	7.404	711	717	727	rBV	108614	185099	12.61%	1.053%
20	7.610	745	752	760	rBV	137561	251859	17.15%	1.433%
21	7.675	760	763	767	rVV3	9952	15239	1.04%	0.087%
22	8.081	825	832	847	rVV	437168	766373	52.19%	4.360%
23	8.810	949	956	966	rBV	59800	144714	9.85%	0.823%
24	8.928	969	976	986	rBV	70283	137895	9.39%	0.784%
25	9.263	1026	1033	1047	rBV	133607	290314	19.77%	1.651%
26	9.993	1150	1157	1165	rBV2	97849	207658	14.14%	1.181%
27	10.304	1204	1210	1215	rBV10	6880	17434	1.19%	0.099%
28	10.363	1215	1220	1229	rVV6	10152	28827	1.96%	0.164%
29	10.551	1245	1252	1272	rBV2	87183	275949	18.79%	1.570%
30	10.910	1305	1313	1319	rBV	596865	1056019	71.91%	6.007%
31	11.081	1338	1342	1349	rVV5	13182	29843	2.03%	0.170%
32	11.775	1457	1460	1462	rVV4	5672	7938	0.54%	0.045%
33	11.798	1462	1464	1471	rVB8	6627	11286	0.77%	0.064%
34	11.904	1477	1482	1487	rBV2	19244	30257	2.06%	0.172%
35	12.251	1536	1541	1546	rBV7	12119	22829	1.55%	0.130%
36	12.304	1546	1550	1556	rBV7	9934	19070	1.30%	0.108%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
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Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

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-BP060723.MA.M
Title : SVOA CALIBRATION

37	12.504	1580	1584	1590	rVB9	5085	9193	0.63%	0.052%
38	12.575	1590	1596	1605	rBV	18192	38336	2.61%	0.218%
39	12.781	1626	1631	1639	rVB	15712	30574	2.08%	0.174%
40	13.239	1705	1709	1719	rVB3	14913	25687	1.75%	0.146%
41	13.322	1719	1723	1727	rVB6	6420	9096	0.62%	0.052%
42	13.534	1753	1759	1763	rBV2	19324	31511	2.15%	0.179%
43	13.610	1768	1772	1778	rVB4	18646	32378	2.20%	0.184%
44	13.898	1817	1821	1822	rBV4	7934	9772	0.67%	0.056%
45	14.045	1842	1846	1851	rBV4	19918	35894	2.44%	0.204%
46	14.134	1852	1861	1867	rBV	319537	501013	34.12%	2.850%
47	14.181	1867	1869	1874	rVB2	29070	36142	2.46%	0.206%
48	14.251	1874	1881	1886	rBV3	35891	60749	4.14%	0.346%
49	14.422	1904	1910	1922	rBV	362022	613765	41.80%	3.491%
50	14.545	1926	1931	1935	rVB7	9321	14399	0.98%	0.082%
51	14.604	1935	1941	1950	rVB	22319	39405	2.68%	0.224%
52	14.686	1950	1955	1956	rBV5	9857	15263	1.04%	0.087%
53	14.728	1956	1962	1969	rBV	891072	1315000	89.55%	7.480%
54	15.016	2005	2011	2017	rBV8	16359	47691	3.25%	0.271%
55	15.133	2027	2031	2036	rVV4	12427	23407	1.59%	0.133%
56	15.210	2039	2044	2052	rVB9	11654	31442	2.14%	0.179%
57	15.339	2062	2066	2073	rBV8	10203	20643	1.41%	0.117%
58	15.398	2073	2076	2080	rVV5	6300	10241	0.70%	0.058%
59	15.510	2088	2095	2098	rBV6	19514	37595	2.56%	0.214%
60	15.551	2098	2102	2109	rVB3	30367	41670	2.84%	0.237%
61	15.722	2125	2131	2145	rBV	404036	685365	46.67%	3.899%
62	15.881	2153	2158	2165	rBV6	25366	70811	4.82%	0.403%
63	16.092	2188	2194	2206	rVB	158193	264611	18.02%	1.505%
64	16.228	2213	2217	2219	rBV4	11885	14429	0.98%	0.082%
65	16.439	2245	2253	2259	rBV	67740	137952	9.39%	0.785%
66	16.592	2274	2279	2283	rBV7	8733	18591	1.27%	0.106%
67	16.651	2284	2289	2295	rVB	38189	60532	4.12%	0.344%
68	16.786	2307	2312	2319	rBV	27865	47465	3.23%	0.270%
69	17.022	2348	2352	2356	rBV7	10564	17094	1.16%	0.097%
70	17.145	2370	2373	2374	rBV3	9386	10463	0.71%	0.060%
71	17.216	2381	2385	2390	rBV2	37843	53049	3.61%	0.302%
72	17.310	2398	2401	2406	rVB2	18372	25985	1.77%	0.148%
73	17.375	2408	2412	2419	rVB7	15436	26880	1.83%	0.153%
74	17.439	2421	2423	2426	rBV4	6816	8489	0.58%	0.048%
75	17.492	2426	2432	2436	rVV	895917	1347675	91.78%	7.666%
76	17.533	2436	2439	2444	rVV	107841	165166	11.25%	0.940%

LSC Area Percent Report

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Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFK1

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-BP060723.MA.M
Title : SVOA CALIBRATION

77	17.592	2444	2449	2460	rVB	353449	563558	38.38%	3.206%
78	17.757	2474	2477	2480	rBV5	7570	9940	0.68%	0.057%
79	17.822	2486	2488	2492	rVB5	13152	15545	1.06%	0.088%
80	17.957	2507	2511	2516	rBV2	36752	46817	3.19%	0.266%
81	18.127	2538	2540	2545	rVB6	11418	13536	0.92%	0.077%
82	18.245	2556	2560	2563	rBV5	13234	18374	1.25%	0.105%
83	18.292	2565	2568	2573	rBV5	23678	42429	2.89%	0.241%
84	18.351	2573	2578	2584	rBV2	181270	341159	23.23%	1.941%
85	18.533	2606	2609	2614	rBV3	28915	47730	3.25%	0.272%
86	18.622	2621	2624	2628	rBV2	40666	50926	3.47%	0.290%
87	19.227	2724	2727	2733	rVB2	83587	108913	7.42%	0.620%
88	19.333	2741	2745	2748	rBV2	47665	69669	4.74%	0.396%
89	19.492	2767	2772	2778	rVB	256124	351379	23.93%	1.999%
90	19.580	2784	2787	2791	rBV5	48344	76109	5.18%	0.433%
91	19.786	2820	2822	2823	rBV	49323	40647	2.77%	0.231%
92	19.816	2823	2827	2830	rVV	337025	435453	29.65%	2.477%
93	20.304	2907	2910	2917	rVB2	77739	98954	6.74%	0.563%
94	20.786	2990	2992	2995	rBV	71612	69597	4.74%	0.396%
95	21.251	3067	3071	3078	rVB4	169571	285992	19.48%	1.627%
96	21.580	3121	3127	3131	rBV	959725	1468444	100.00%	8.353%
97	23.292	3414	3418	3423	rVB	298850	441242	30.05%	2.510%
98	23.968	3529	3533	3539	rVB	283930	477504	32.52%	2.716%
99	24.133	3555	3561	3570	rVB	678021	1384971	94.32%	7.878%
100	24.745	3660	3665	3677	rVB	473275	1029819	70.13%	5.858%

Sum of corrected areas: 17579284

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
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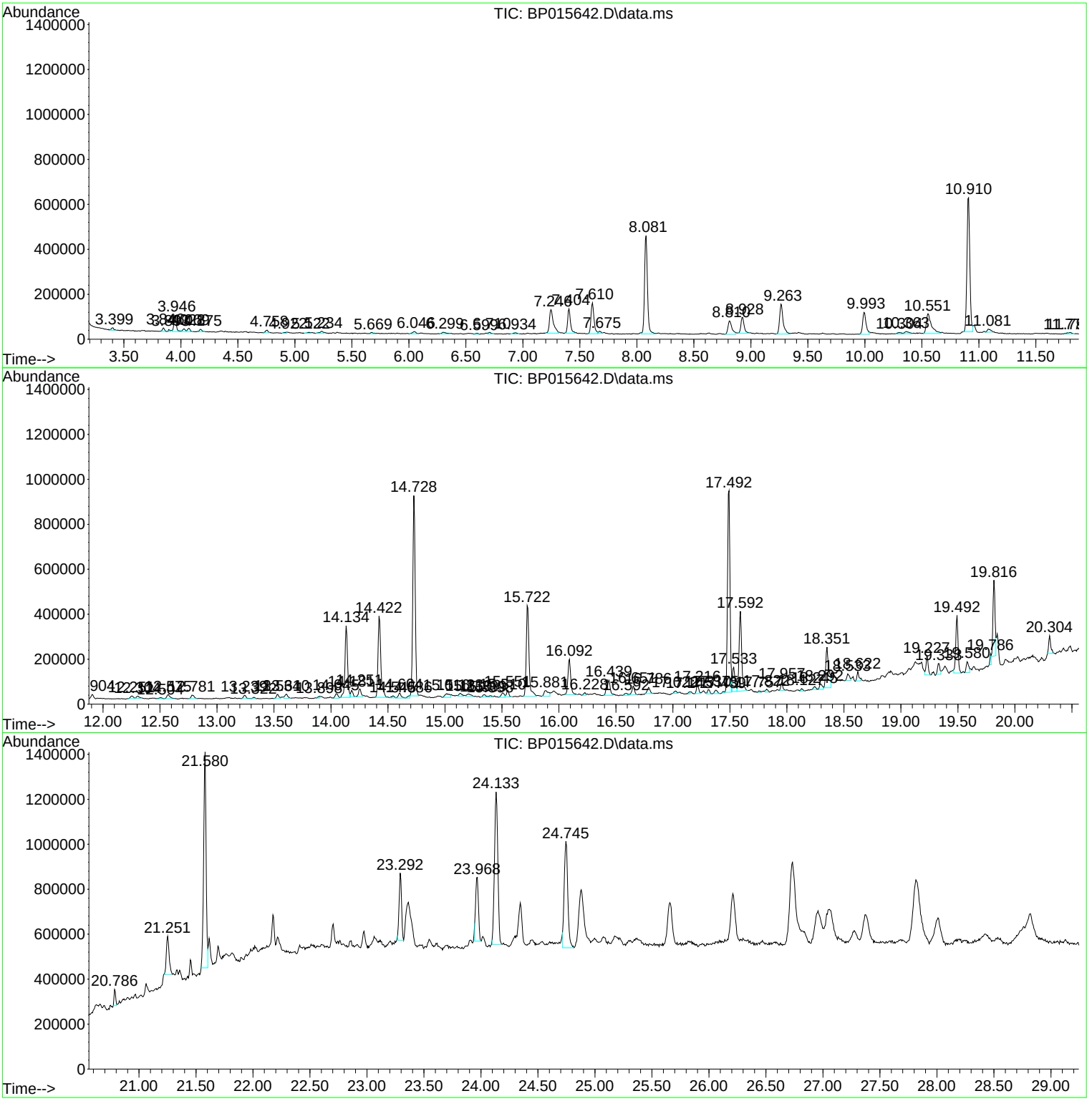
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

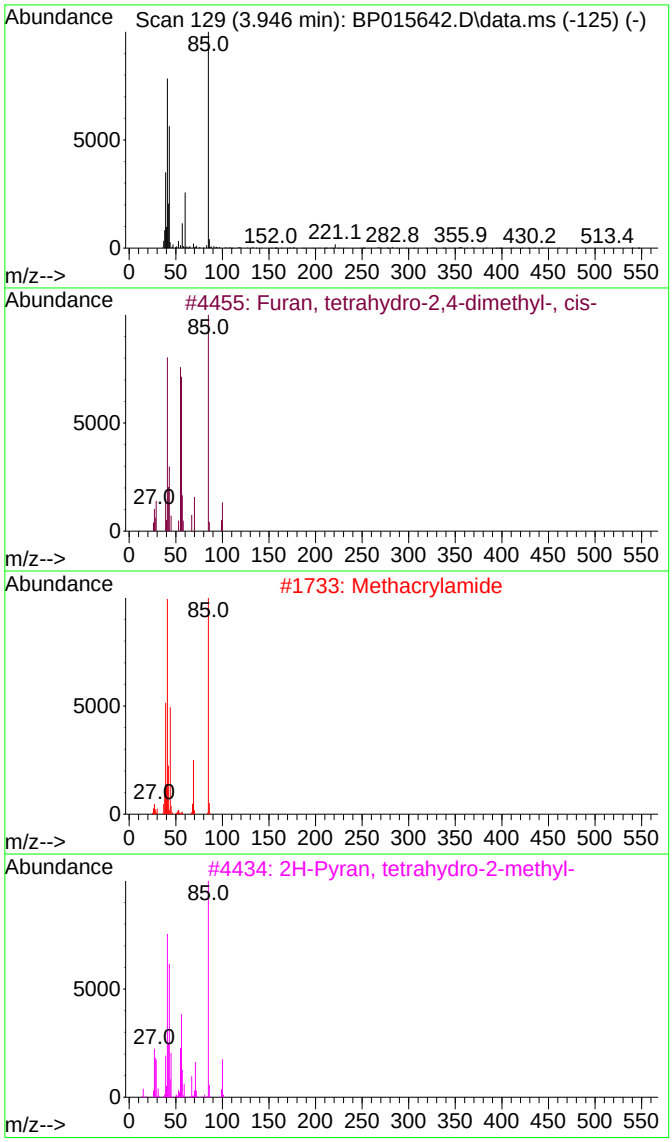
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

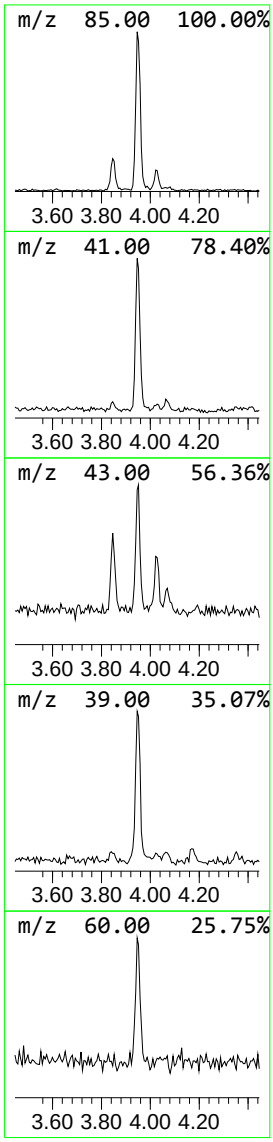
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Furan, tetrahydro-2,4-dimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.946	2.81 ng/ul	107648	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	50
2	Methacrylamide	85	C4H7NO	000079-39-0	47
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
4	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	38
5	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

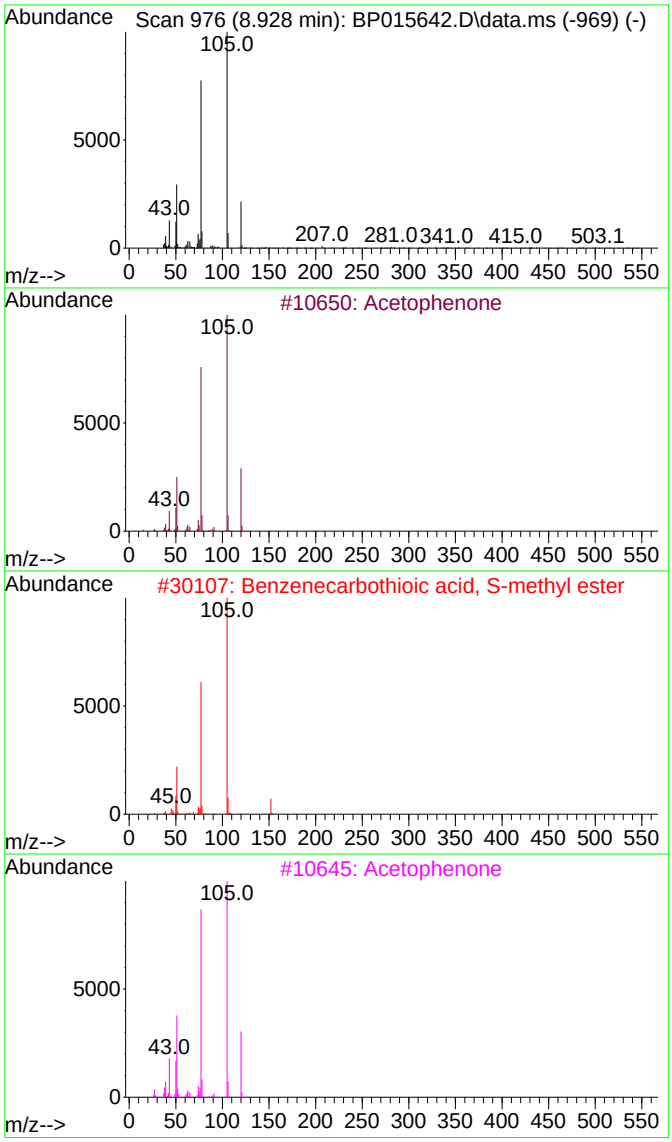
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

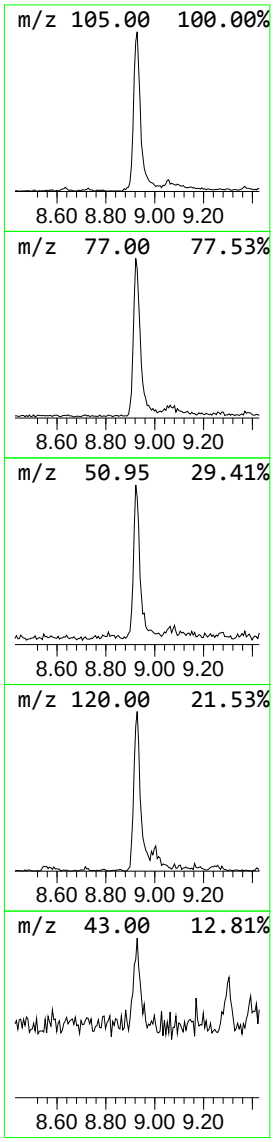
****

Peak Number 2 Aceto phenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	3.60 ng/ul	137895	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	91
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	83
3	Acetophenone	120	C8H8O	000098-86-2	83
4	Benzoylformic acid	150	C8H6O3	000611-73-4	72
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

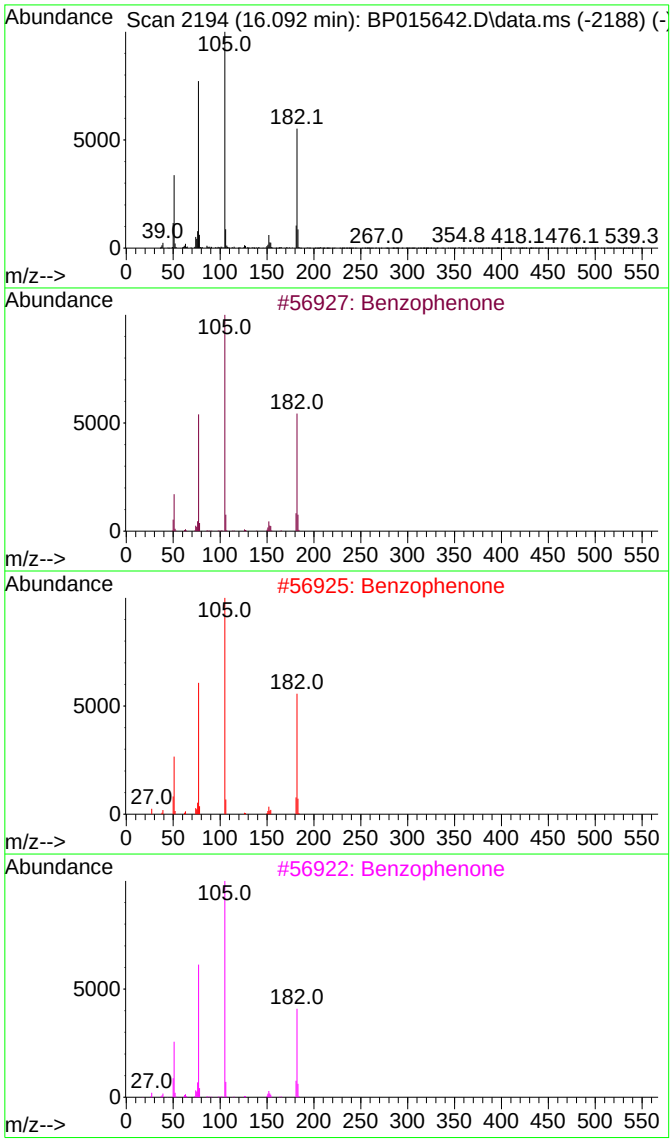
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

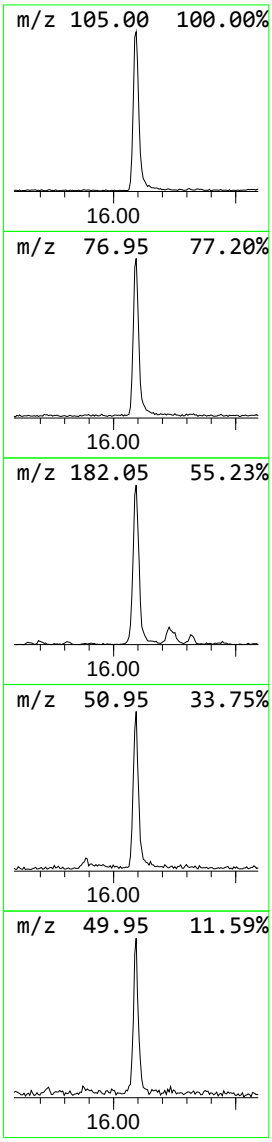
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	4.02 ng/ul	264611	Acenaphthene-d10	14.728

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	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

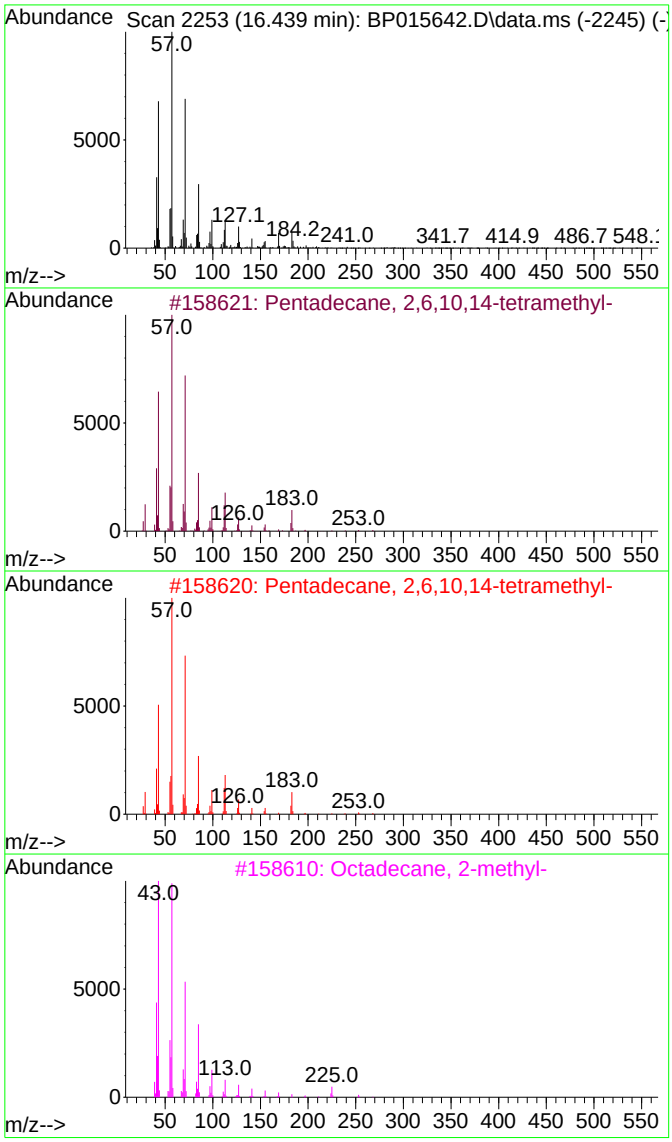
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

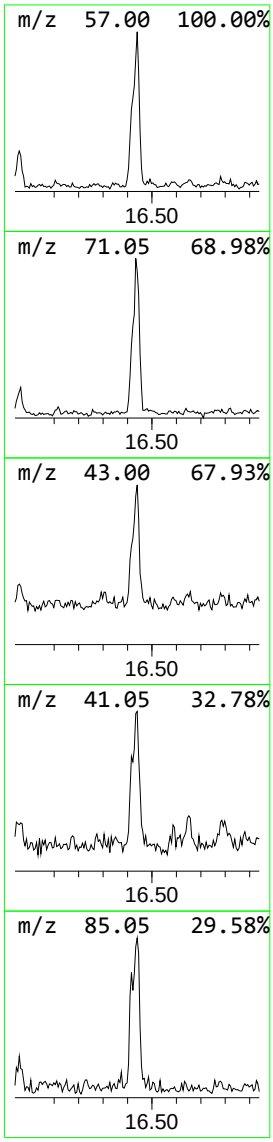
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	2.05 ng/ul	137952	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	95
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	95
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

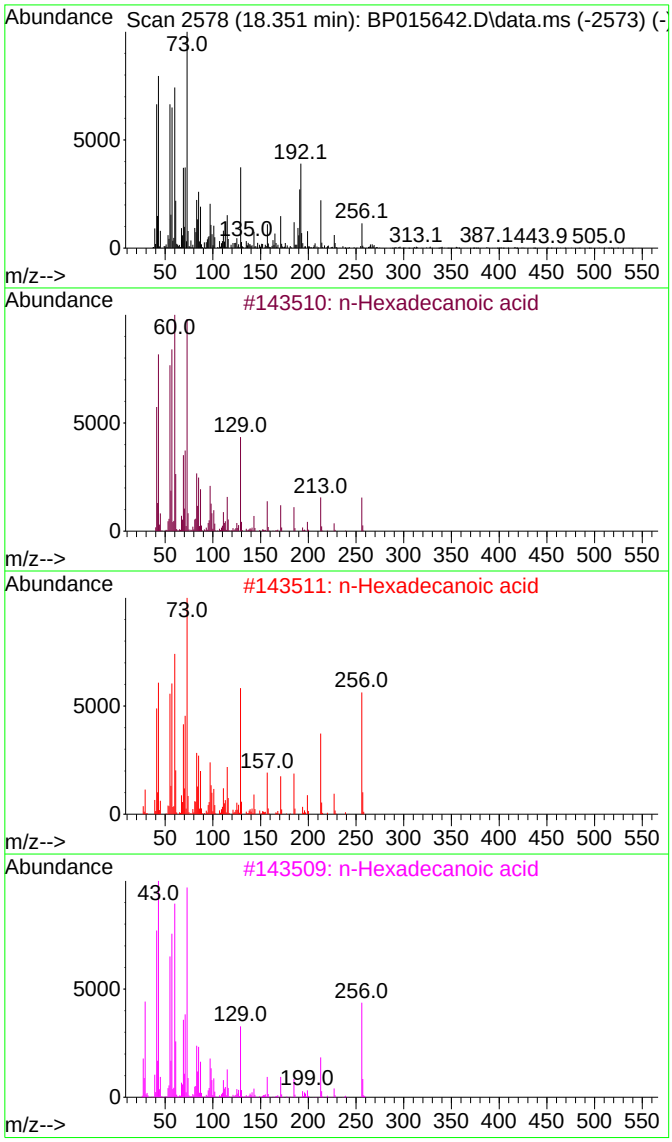
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

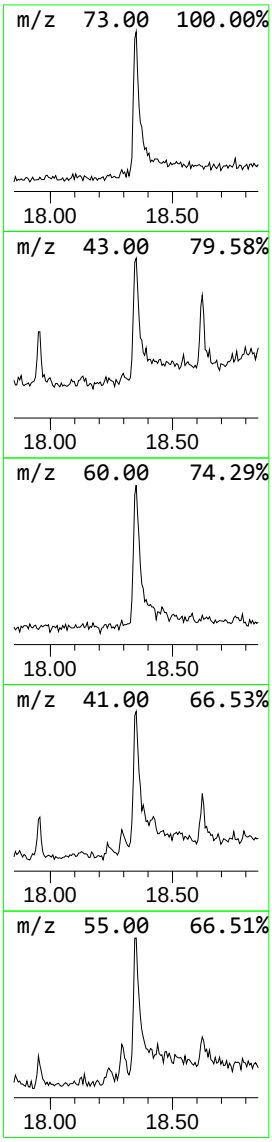
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	5.06 ng/ul	341159	Phenanthrene-d10	17.492

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

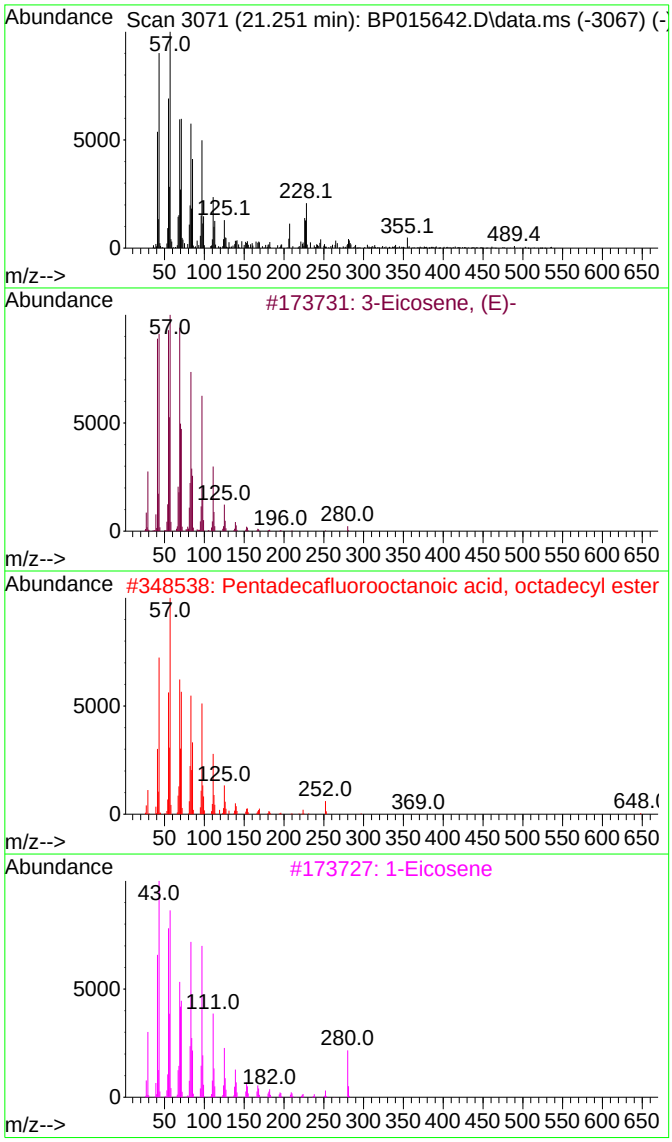
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

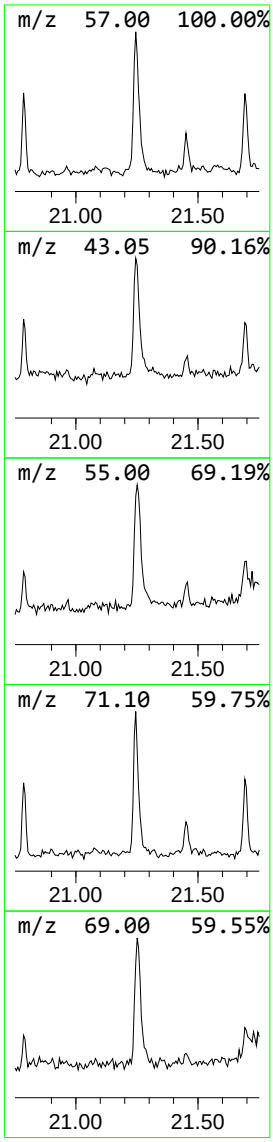
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	3.90 ng/ul	285992	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	1-Eicosene	280	C20H40	003452-07-1	90
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

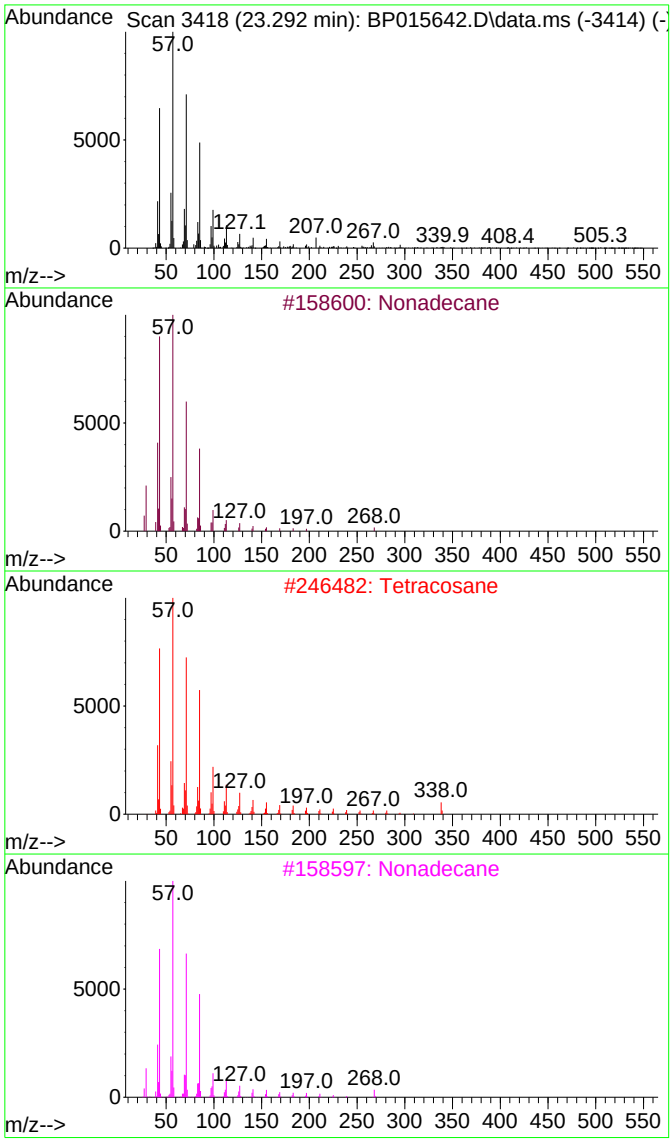
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

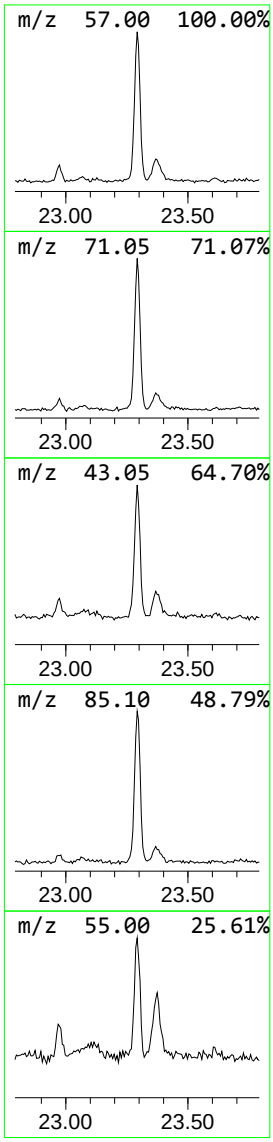
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	6.37 ng/ul	441242	Perylene-d12	24.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	Tetracosane	338	C24H50	000646-31-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

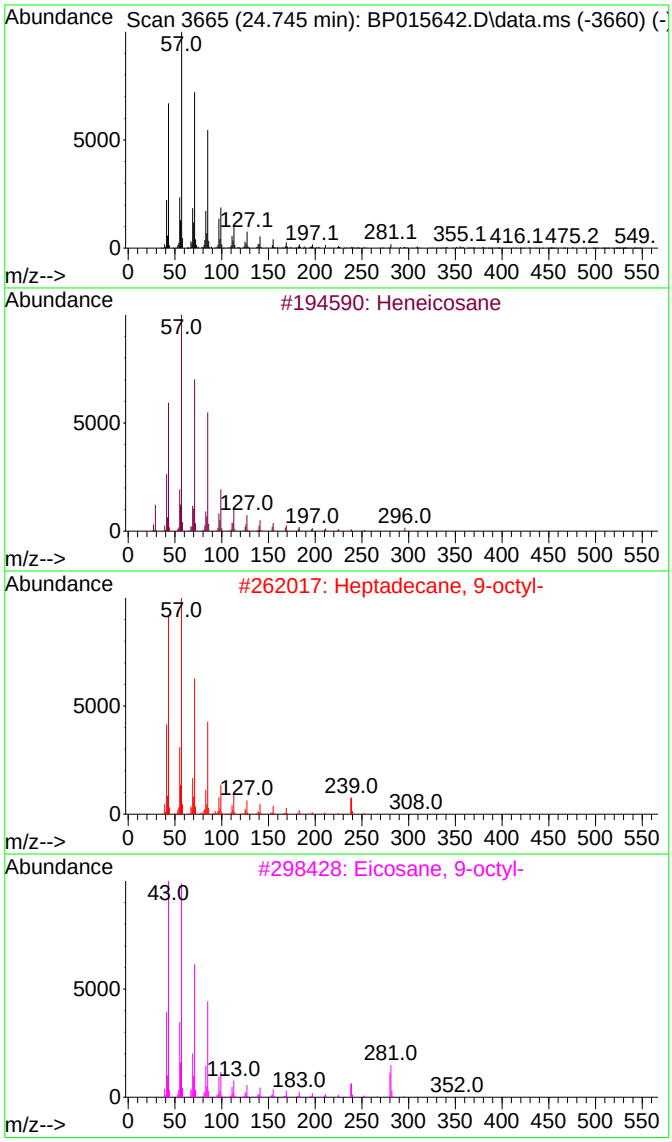
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

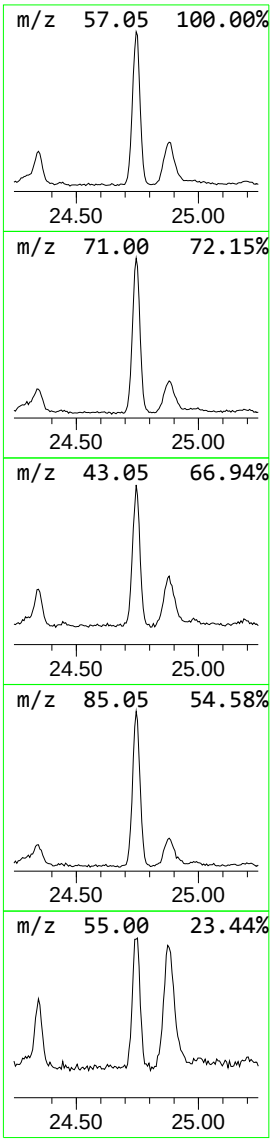
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.745	14.87 ng/ul	1029820	Perylene-d12	24.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
Sample : 03083-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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
Furan, tetrahyd...	3.946	2.8	ng/ul	107648	1	8.081	766373	20.0
Aceto phenone	8.928	3.6	ng/ul	137895	1	8.081	766373	20.0
Benzophenone	16.092	4.0	ng/ul	264611	3	14.728	1315000	20.0
(DEL) Alkane: S...	16.439	2.0	ng/ul	137952	4	17.492	1347680	20.0
n-Hexadecanoic ...	18.351	5.1	ng/ul	341159	4	17.492	1347680	20.0
(DEL) Alkane: S...	21.251	3.9	ng/ul	285992	5	21.580	1468440	20.0
(DEL) Alkane: S...	23.292	6.4	ng/ul	441242	6	24.133	1384970	20.0
(DEL) Alkane: S...	24.745	14.9	ng/ul	1029820	6	24.133	1384970	20.0