LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

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-BP010824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	19	22	32	rVB	30527	45476	0.16%	0.058%
2	3.646	91	95	109	rBV	119953	186450	0.67%	0.239%
3	4.881	300	305	315	rVB	21136	38154	0.14%	0.049%
4	6.969	654	660	676	rVB	558387	890093	3.19%	1.142%
5	7.122	680	686	699	rVB	434043	665471	2.39%	0.854%
6	7.316	711	719	731	rBV	531266	834108	2.99%	1.070%
7	7.781	790	798	806	rBV	547138	845581	3.03%	1.085%
8	8.510	913	922	934	rBV	674464	1122738	4.03%	1.441%
9	8.616	935	940	948	rVB	20825	36390	0.13%	0.047%
10	8.946	990	996	1010	rBV	518385	867229	3.11%	1.113%
11	9.669	1109	1119	1131	rBV	460452	760002	2.73%	0.975%
12	10.210	1204	1211	1229	rBV	697147	1231828	4.42%	1.581%
13	10.575	1264	1273	1283	rBV	747698	1239908	4.45%	1.591%
14	10.728	1290	1299	1318	rBV	465003	878644	3.15%	1.127%
15	11.999	1508	1515	1521	rBV2	19715	31509	0.11%	0.040%
16	12.116	1526	1535	1541	rBV2	29292	63252	0.23%	0.081%
17	13.198	1715	1719	1723	rBV	31011	52069	0.19%	0.067%
18	13.246	1723	1727	1733	rVV	72574	104971	0.38%	0.135%
19	13.328	1733	1741	1747	rVV2	34030	64032	0.23%	0.082%
20	13.422	1751	1757	1761	rVB5	26644	40752	0.15%	0.052%
21	13.563	1775	1781	1786	rBV2	57645	92324	0.33%	0.118%
22	13.687	1796	1802	1806	rBV	171612	262834	0.94%	0.337%
23	13.734	1806	1810	1819	rVB6	40324	75091	0.27%	0.096%
24	13.845	1821	1829	1835	rBV	1322816	1781239	6.39%	2.285%
25	13.898	1835	1838	1842	rVB2	39485	51982	0.19%	0.067%
26	13.945	1842	1846	1855	rVB5	36189	65476	0.23%	0.084%
27	14.122	1864	1876	1889	rBV	1350061	2144564	7.70%	2.752%
28	14.240	1892	1896	1899	rBV2	74288	111890	0.40%	0.144%
29	14.322	1904	1910	1914	rBV2	324883	460256	1.65%	0.591%
30	14.428	1922	1928	1935	rVB	1176027	1718272	6.17%	2.205%
31	14.663	1962	1968	1980	rBV	397973	722480	2.59%	0.927%
32	14.822	1991	1995	1999	rVB2	45540	57909	0.21%	0.074%
33	14.881	2001	2005	2008	rVV2	59902	85822	0.31%	0.110%
34	14.940	2012	2015	2019	rVV2	45207	55933	0.20%	0.072%
35	15.034	2025	2031	2032	rBV3	81307	120736	0.43%	0.155%
36	15.063	2032	2036	2041	rVB2	227110	338247	1.21%	0.434%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

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-BP010824.MA.M
Title : SVOA CALIBRATION

37	15.275	2065	2072	2077	rBV	403023	543468	1.95%	0.697%
38	15.381	2086	2090	2092	rBV5	33980	47108	0.17%	0.060%
39	15.422	2092	2097	2104	rVB	1850478	2548348	9.14%	3.270%
40	15.528	2111	2115	2116	rBV2	40807	54838	0.20%	0.070%
41	15.557	2116	2120	2130	rVB	529606	815308	2.93%	1.046%
42	15.681	2134	2141	2144	rBV3	160188	354111	1.27%	0.454%
43	15.775	2153	2157	2163	rVB5	97341	171894	0.62%	0.221%
44	15.834	2164	2167	2172	rBV3	75812	129265	0.46%	0.166%
45	15.898	2174	2178	2185	rBV6	77881	194311	0.70%	0.249%
46	16.139	2215	2219	2235	rVB	737023	1400734	5.03%	1.797%
47	16.487	2275	2278	2280	rBV3	65392	88296	0.32%	0.113%
48	16.851	2332	2340	2348	rBV	18861387	27868462	100.00%	35.758%
49	16.939	2351	2355	2358	rVV	847412	1121878	4.03%	1.439%
50	16.986	2360	2363	2374	rVB2	360244	693338	2.49%	0.890%
51	17.186	2392	2397	2402	rBV	1509381	2143386	7.69%	2.750%
52	17.286	2409	2414	2418	rBV	1835089	2540796	9.12%	3.260%
53	17.369	2425	2428	2432	rBV3	129616	229509	0.82%	0.294%
54	17.681	2477	2481	2489	rVB2	954491	1292588	4.64%	1.659%
55	17.798	2497	2501	2507	rVB	542637	700010	2.51%	0.898%
56	18.081	2545	2549	2558	rVB6	501047	1045151	3.75%	1.341%
57	18.357	2592	2596	2605	rVB2	711147	1043594	3.74%	1.339%
58	18.751	2660	2663	2665	rBV3	166825	183124	0.66%	0.235%
59	18.869	2679	2683	2691	rVB3	489260	978549	3.51%	1.256%
60	18.945	2692	2696	2698	rBV2	612098	831947	2.99%	1.067%
61	19.228	2741	2744	2746	rBV2	140454	139459	0.50%	0.179%
62	19.257	2746	2749	2752	rVV3	189056	233391	0.84%	0.299%
63	19.528	2790	2795	2800	rBV	2427984	3165146	11.36%	4.061%
64	19.628	2809	2812	2818	rVB2	330232	472248	1.69%	0.606%
65	20.004	2873	2876	2882	rVB4	160689	254110	0.91%	0.326%
66	20.380	2936	2940	2944	rBV	1337717	1678722	6.02%	2.154%
67	20.422	2944	2947	2957	rVB5	258990	456073	1.64%	0.585%
68	20.992	3041	3044	3051	rVB	352720	446484	1.60%	0.573%
69	21.286	3089	3094	3098	rBV	1462861	1756374	6.30%	2.254%
70	23.486	3462	3468	3478	rVB2	1249497	2490188	8.94%	3.195%
71	23.639	3489	3494	3503	rVB	886923	1680667	6.03%	2.156%

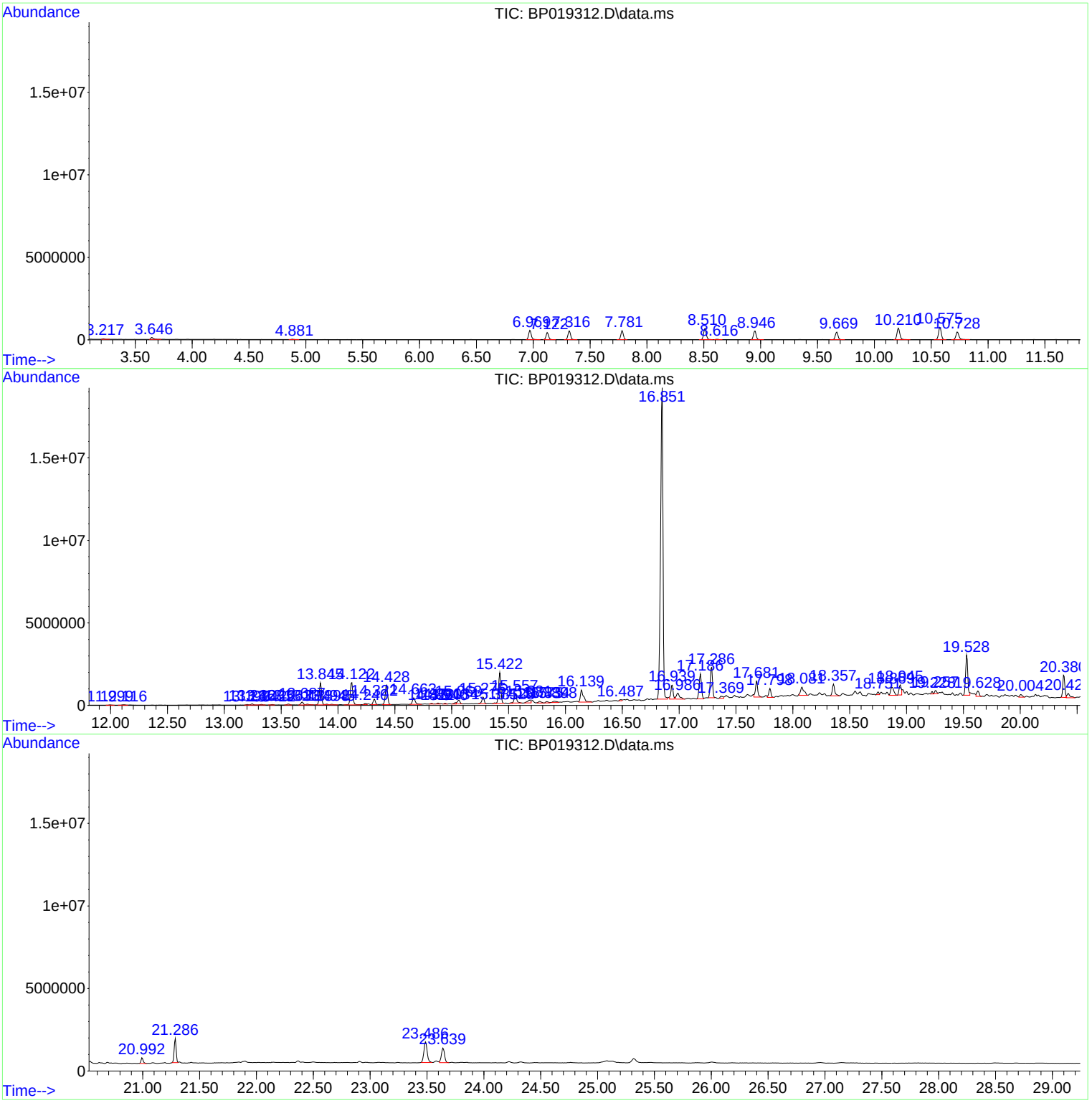
Sum of corrected areas: 77936587

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.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\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

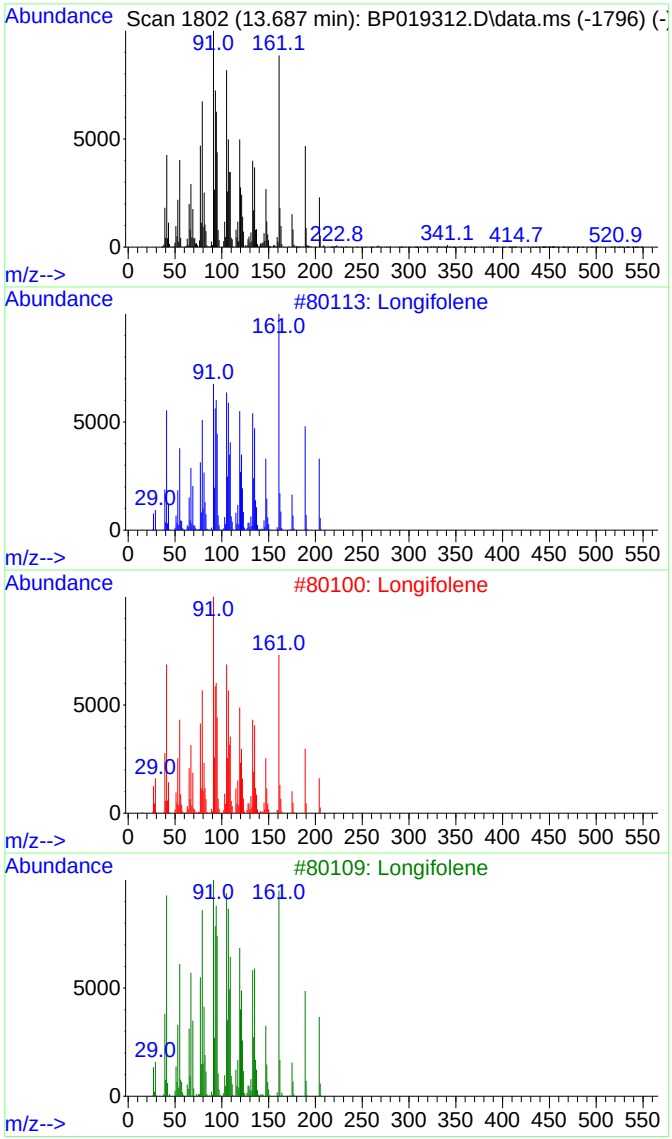
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

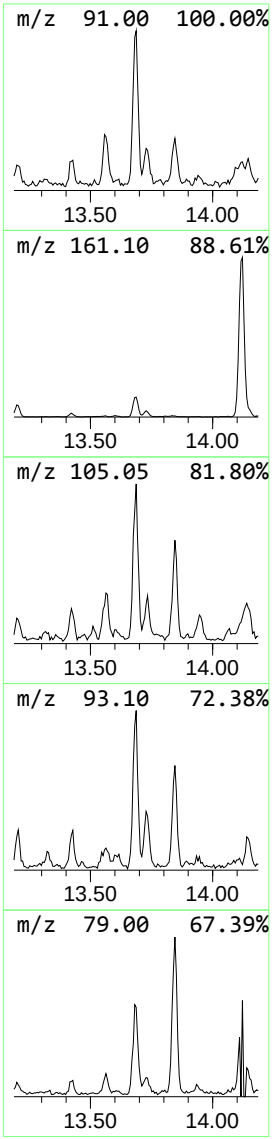
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Longifolene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.687	3.06 ng/ul	262834	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	99
3	Longifolene	204	C15H24	000475-20-7	98
4	Longifolene	204	C15H24	000475-20-7	97
5	Longifolene	204	C15H24	000475-20-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

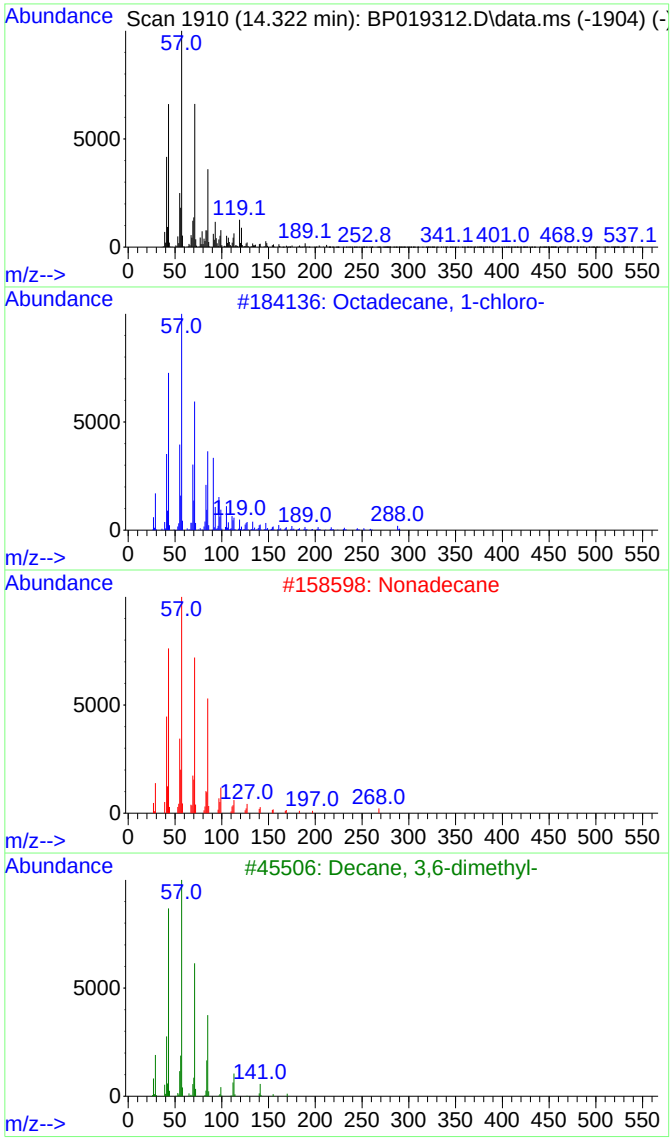
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

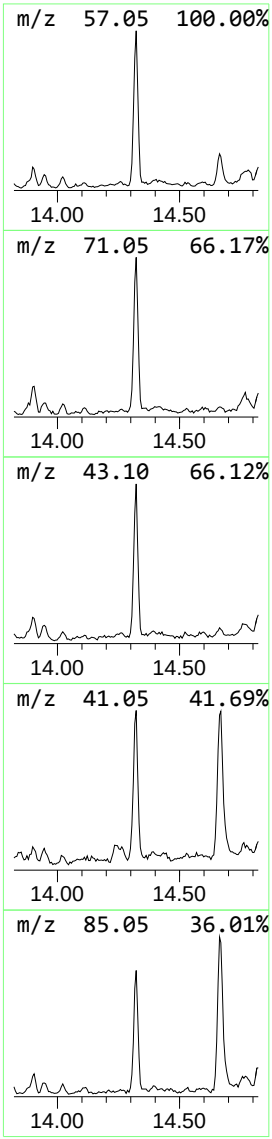
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecane, 1-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	5.36 ng/ul	460256	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
2	Nonadecane	268	C19H40	000629-92-5	74
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

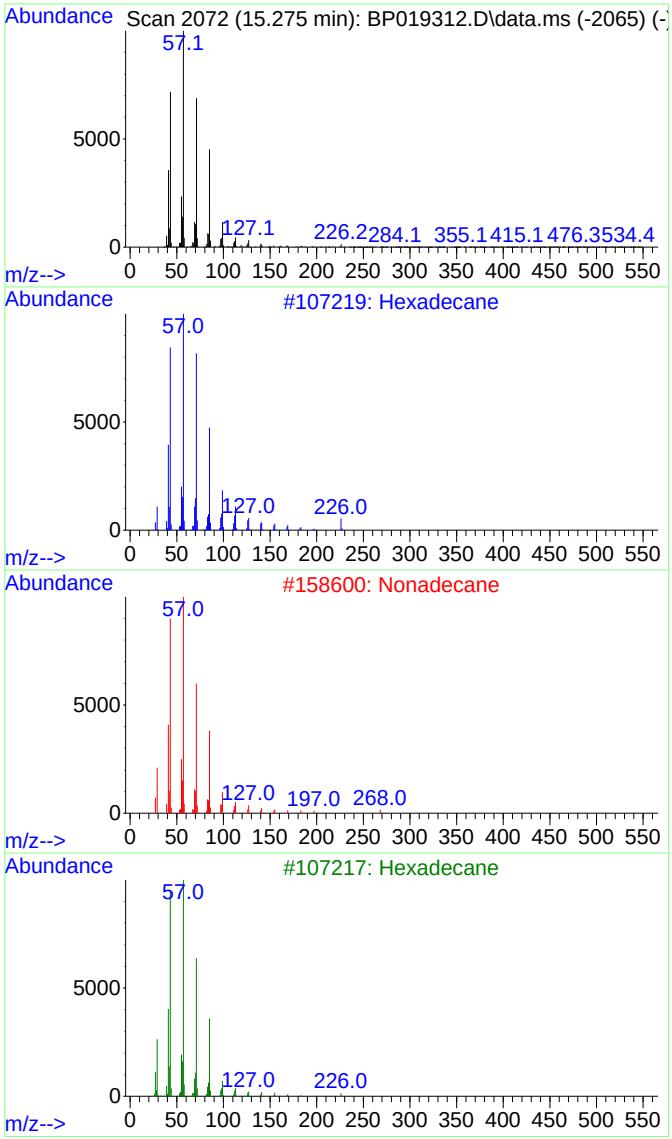
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

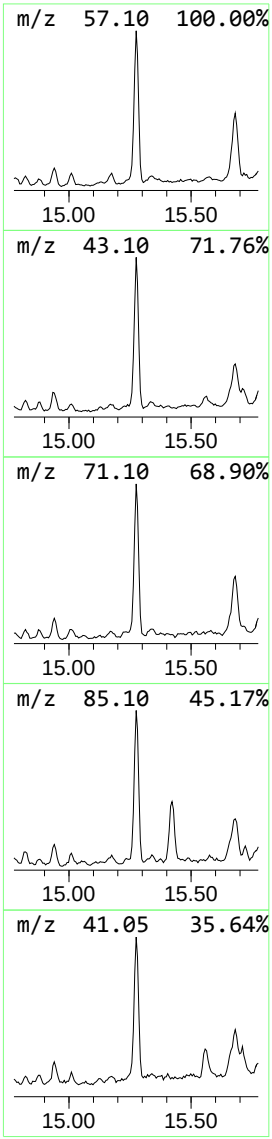
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.275	6.33 ng/ul	543468	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

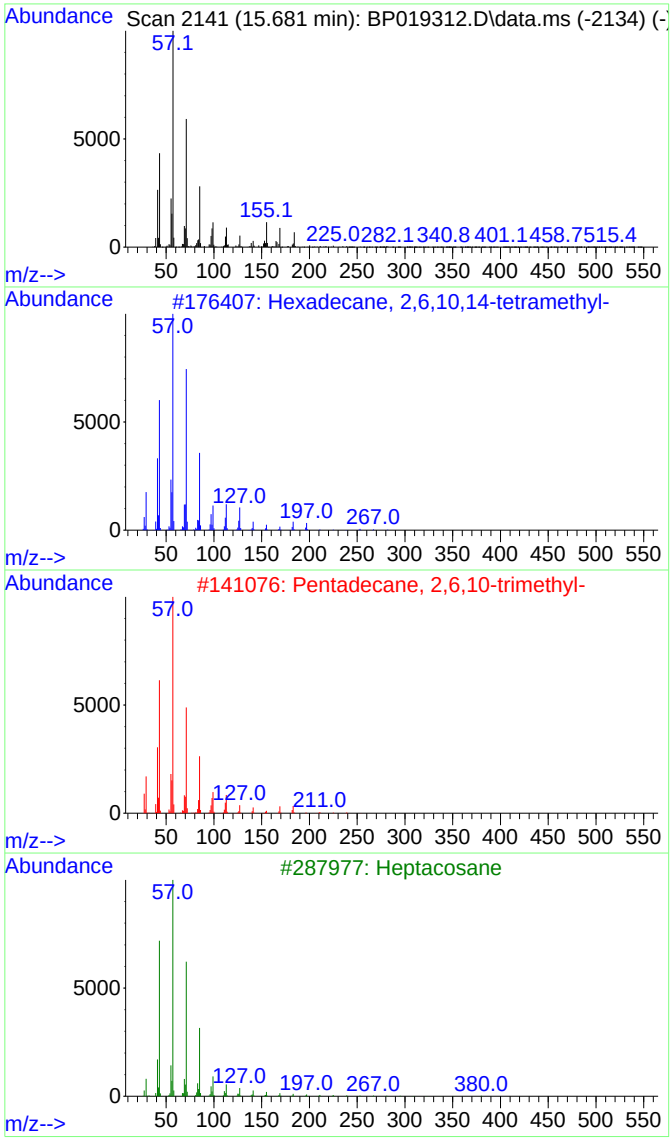
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

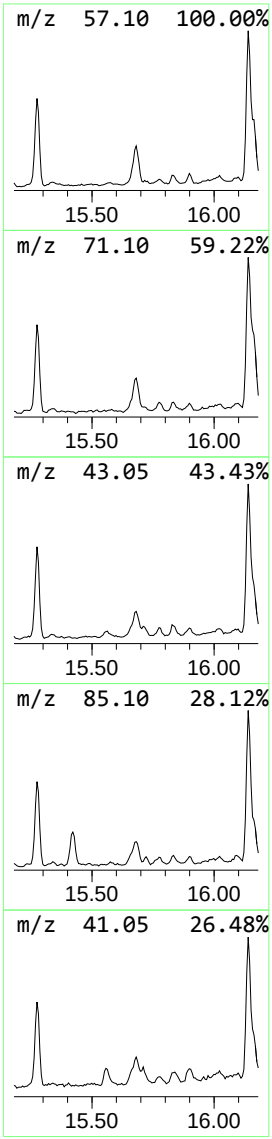
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.681	4.12 ng/ul	354111	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Heptacosane	380	C27H56	000593-49-7	72
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

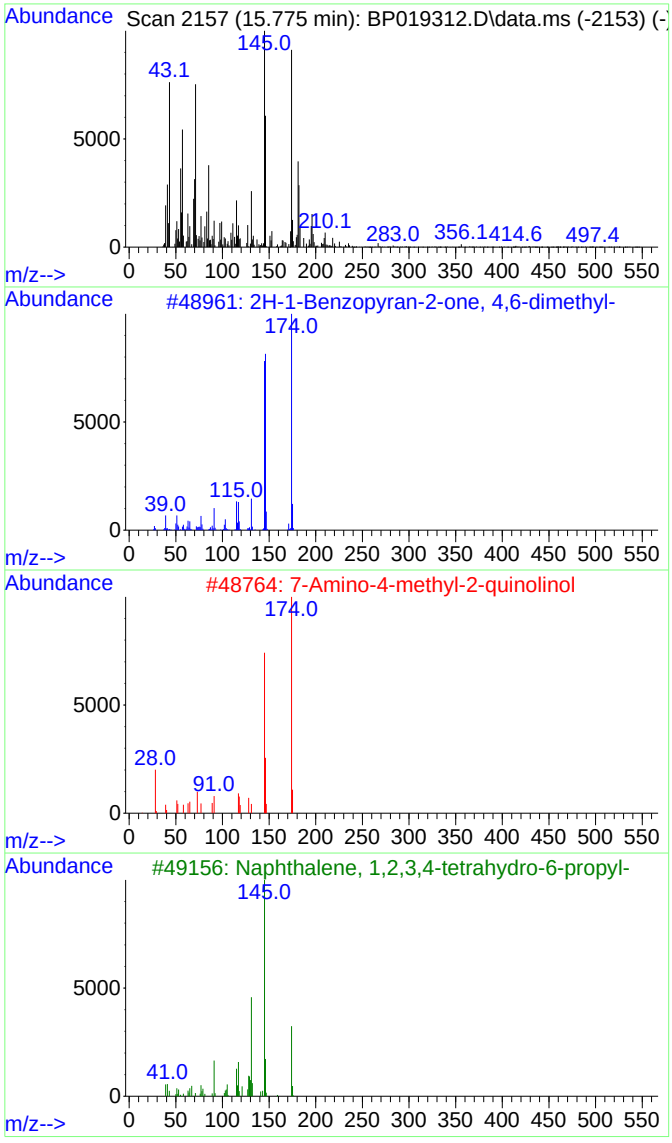
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

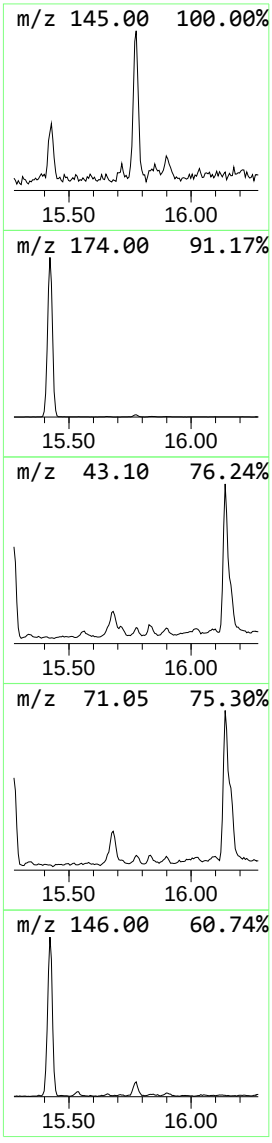
****

Peak Number 5 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.775	2.00 ng/ul	171894	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 4,6-dimet...	174	C11H10O2	014002-89-2	38
2	7-Amino-4-methyl-2-quinolinol	174	C10H10N2O	019840-99-4	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	35
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	35
5	2H-Pyrido[1,2-a]pyrimidin-2-one,...	174	C10H10N2O	022365-23-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

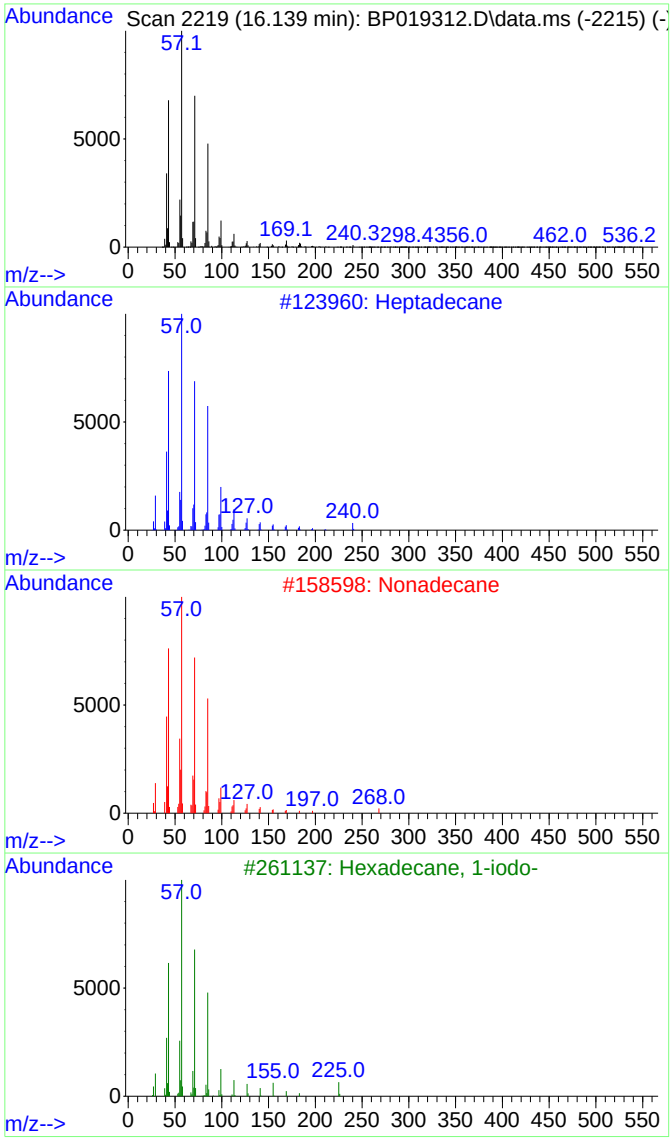
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

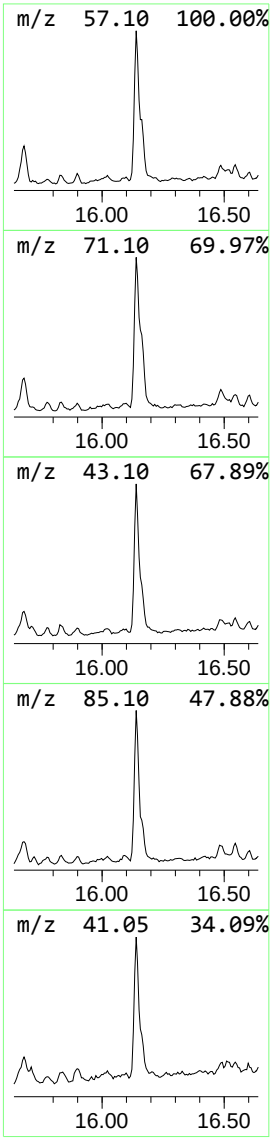
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.140	13.07 ng/ul	1400730	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

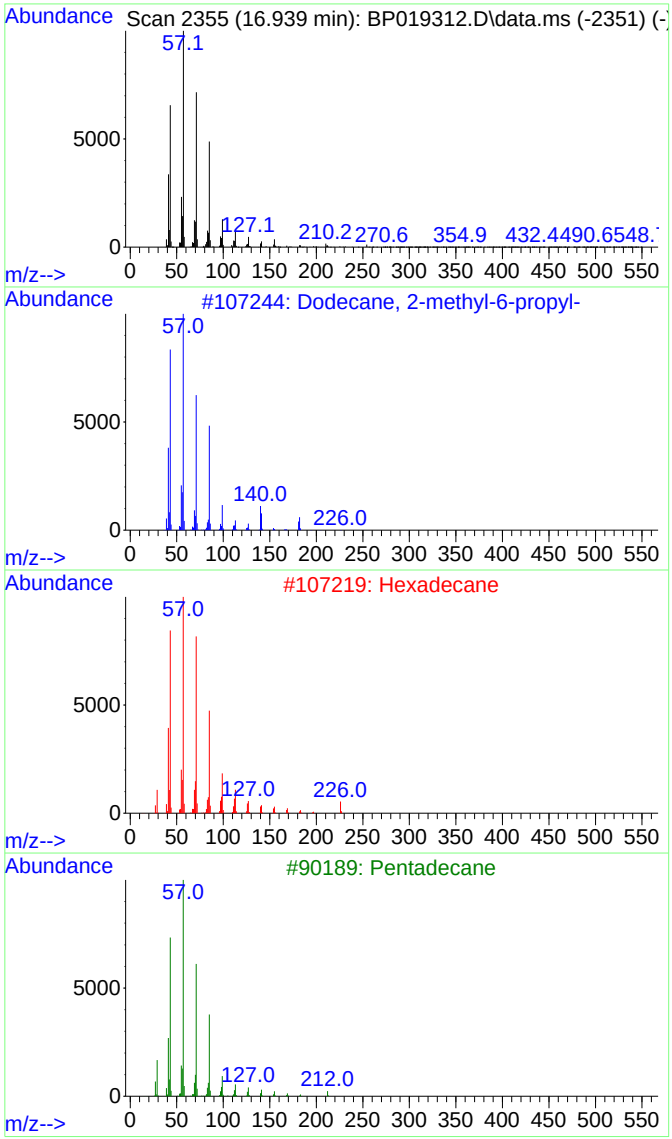
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

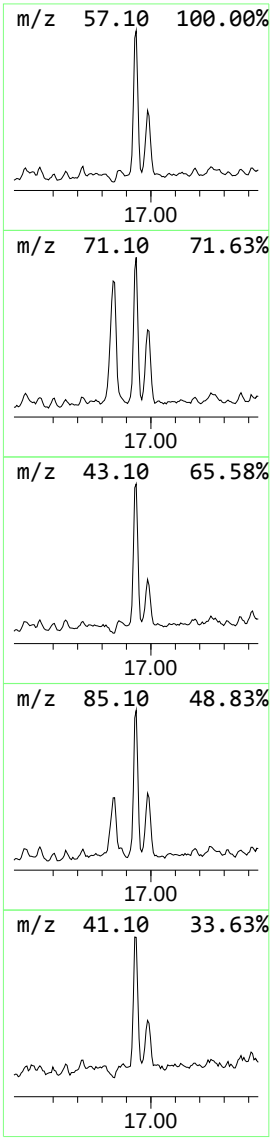
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	10.47 ng/ul	1121880	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Nonadecane	268	C19H40	000629-92-5	90





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Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

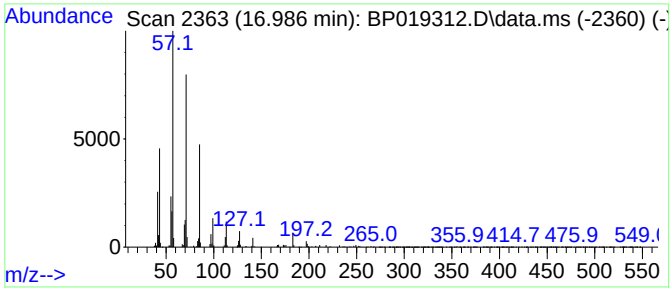
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

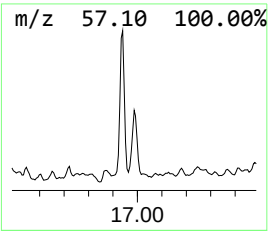
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

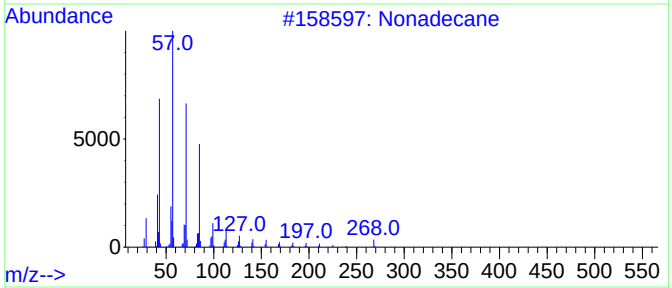
****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

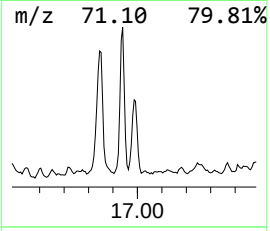
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	6.47 ng/ul	693338	Phenanthrene-d10	17.186

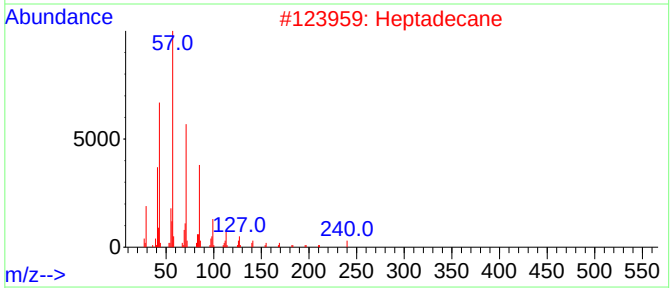
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90

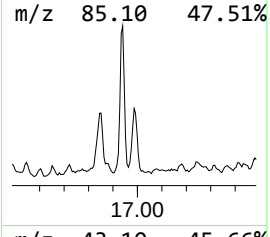


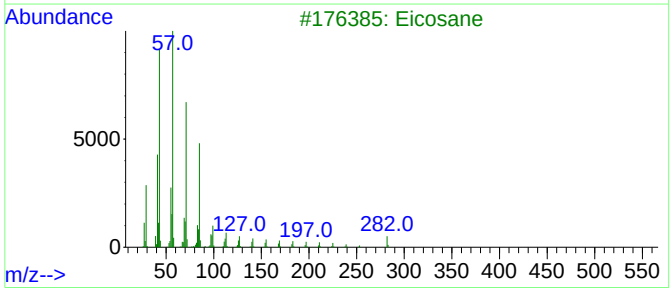


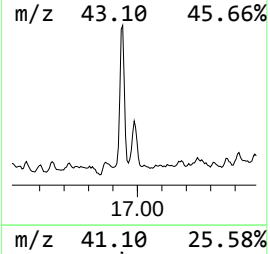


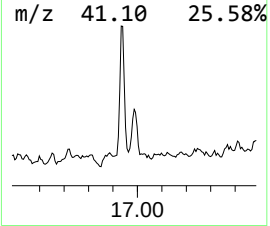












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Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

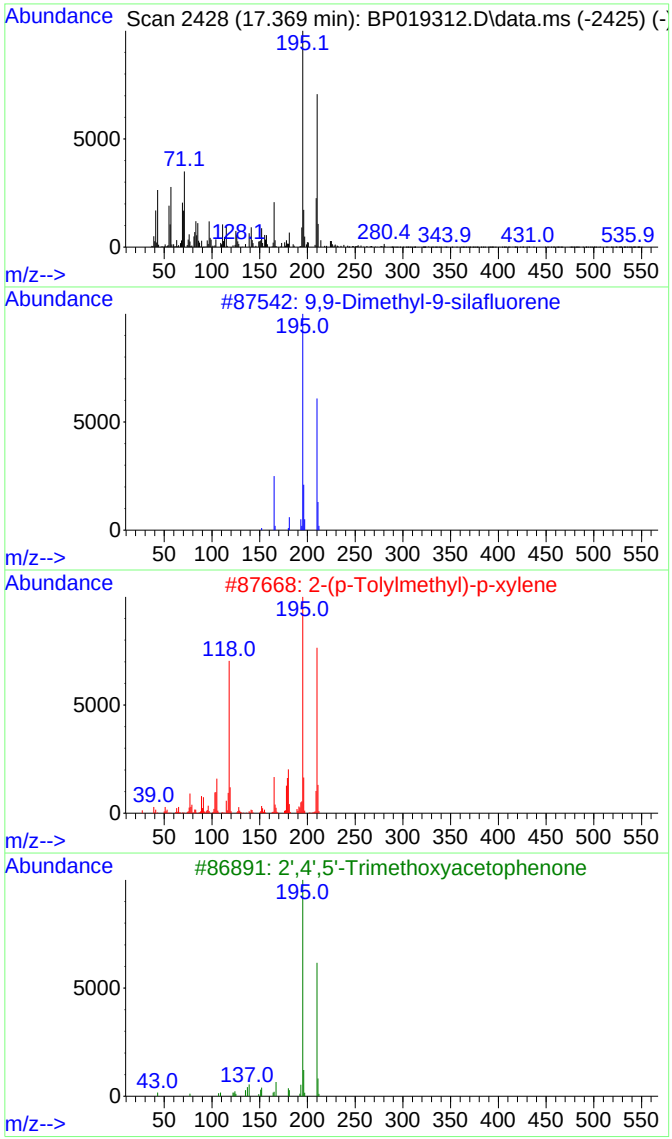
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

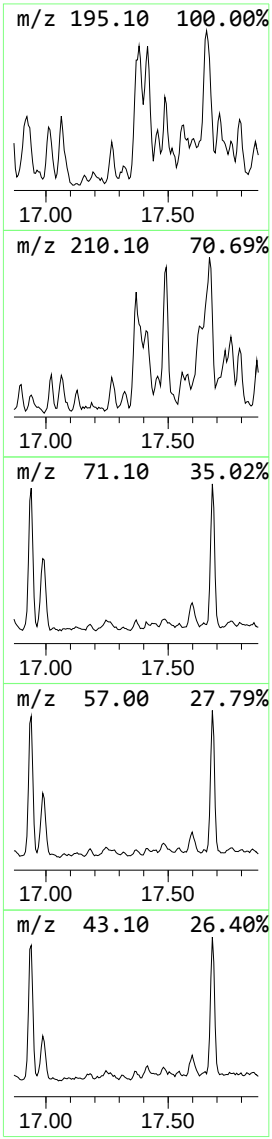
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,9-Dimethyl-9-silafluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.369	2.14 ng/ul	229509	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	74
2	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	64
3	2',4',5'-Trimethoxyacetophenone	210	C11H14O4	1000433-06-4	52
4	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	52
5	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
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Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

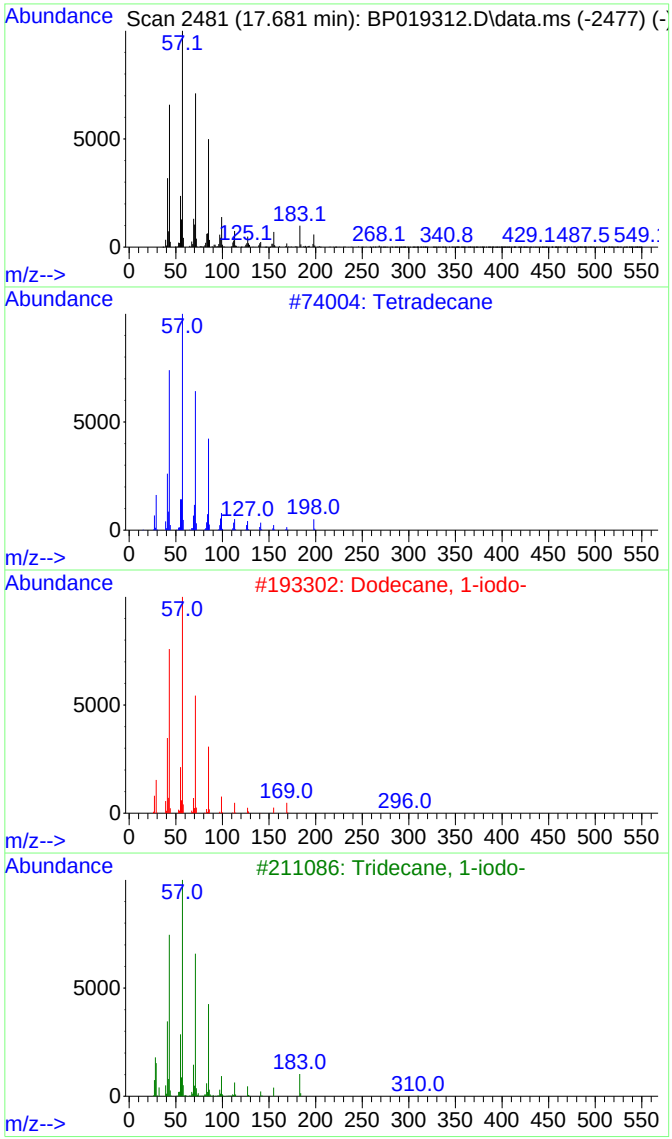
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

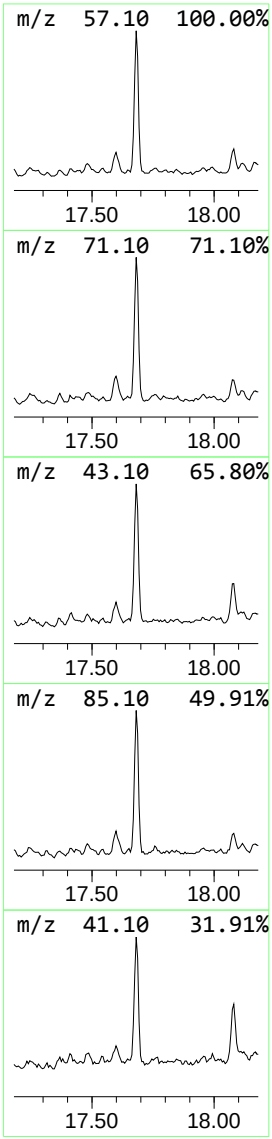
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.681	12.06 ng/ul	1292590	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	90
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	89





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Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

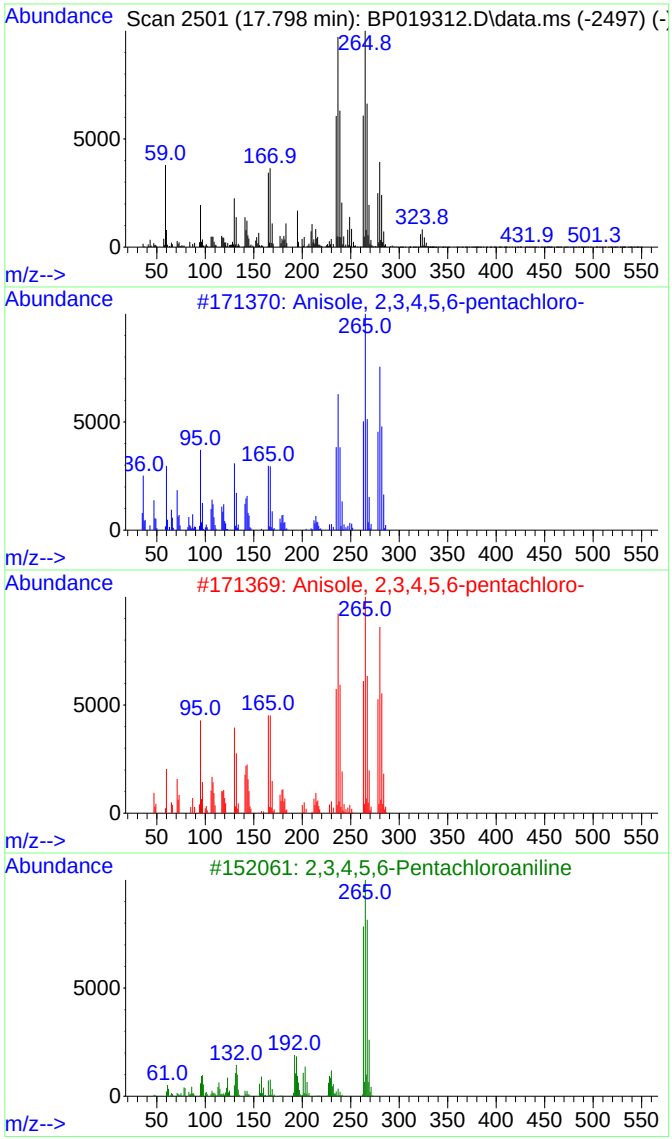
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

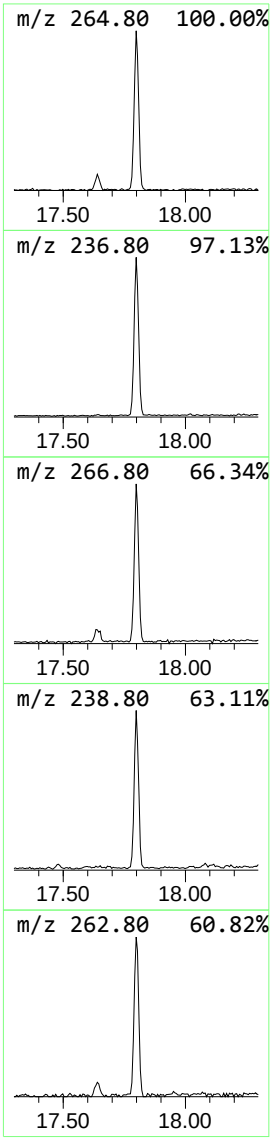
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	6.53 ng/ul	700010	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	55
2	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	46
3	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	42
4	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	38
5	1H-1-Benzazepine-2,5-dione, 4-br...	267	C10H6BrNO3	052280-66-7	25





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Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

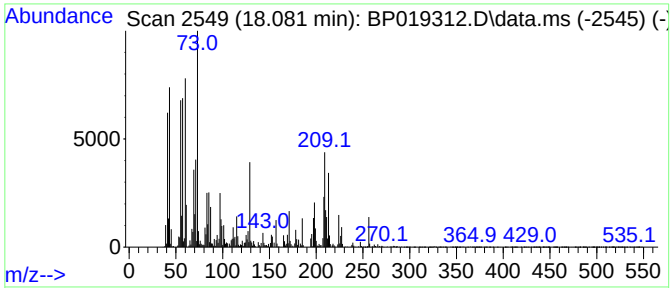
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

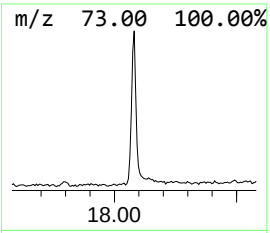
****

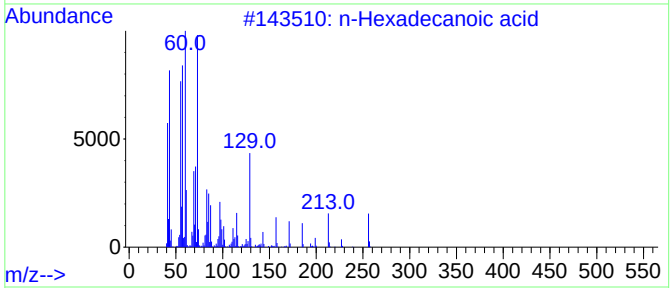
Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

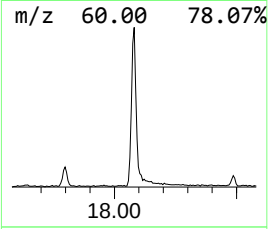
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	9.75 ng/ul	1045150	Phenanthrene-d10	17.186

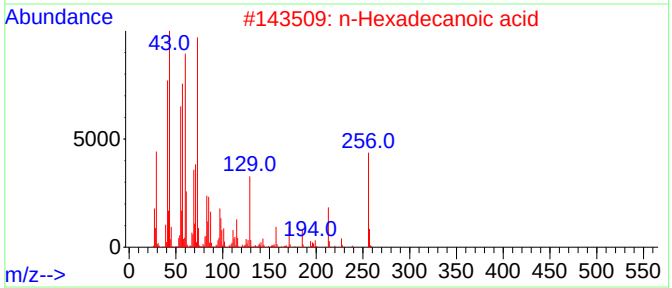
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64

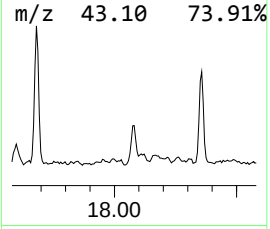


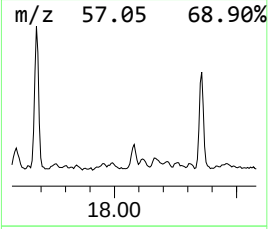


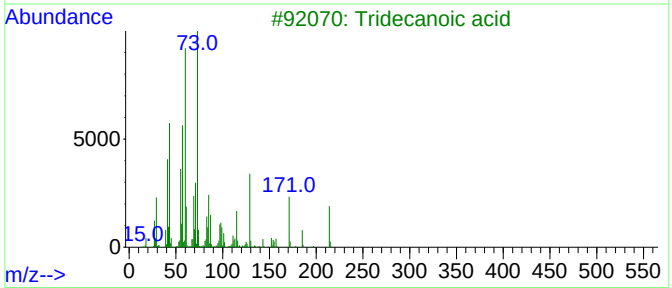


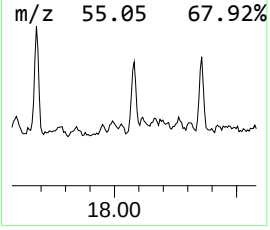












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Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

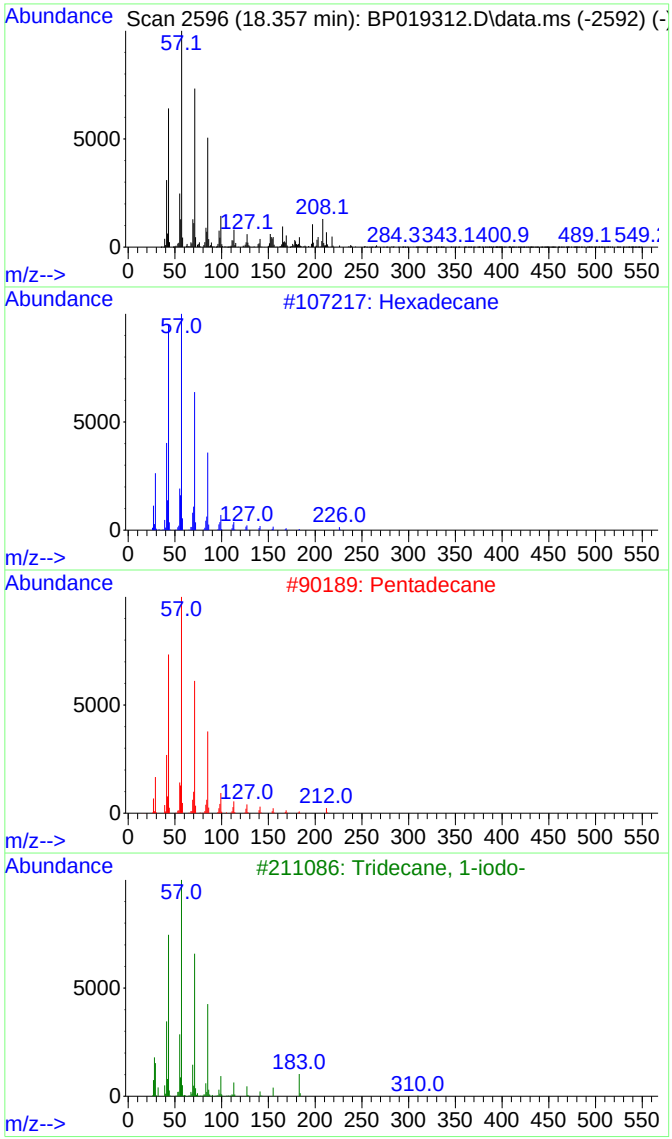
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

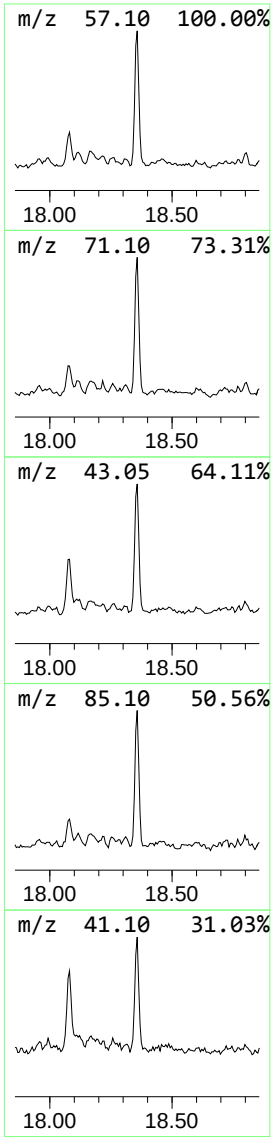
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	9.74 ng/ul	1043590	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Pentadecane	212	C15H32	000629-62-9	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	76
5	Pentacosane	352	C25H52	000629-99-2	76





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Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

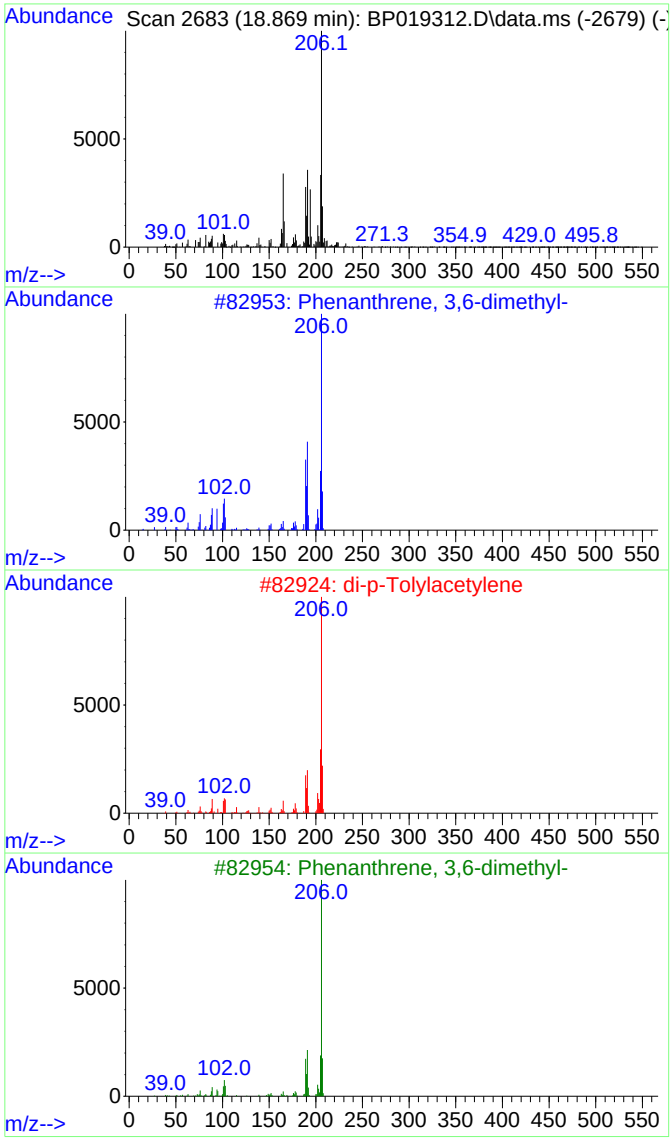
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

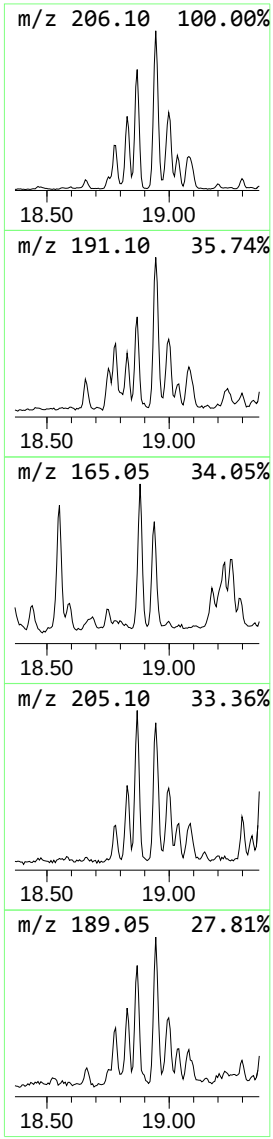
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	9.13 ng/ul	978549	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

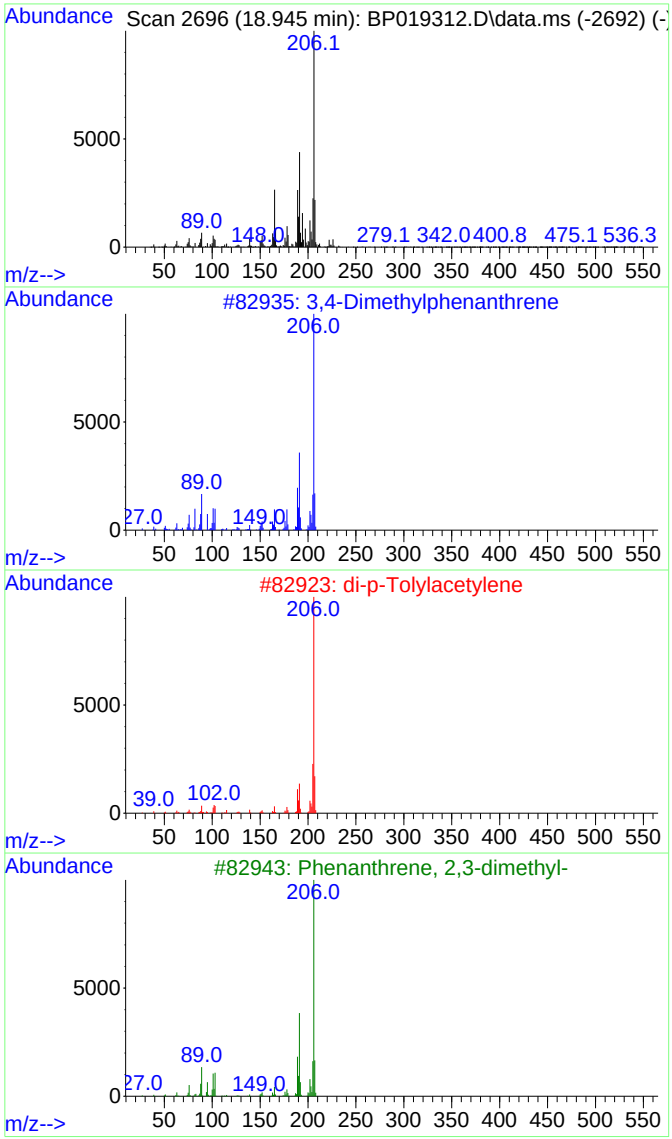
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

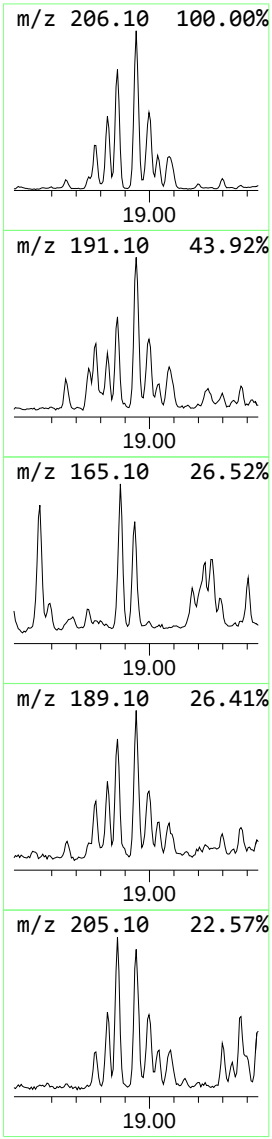
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3,4-Dimethylphenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	7.76 ng/ul	831947	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

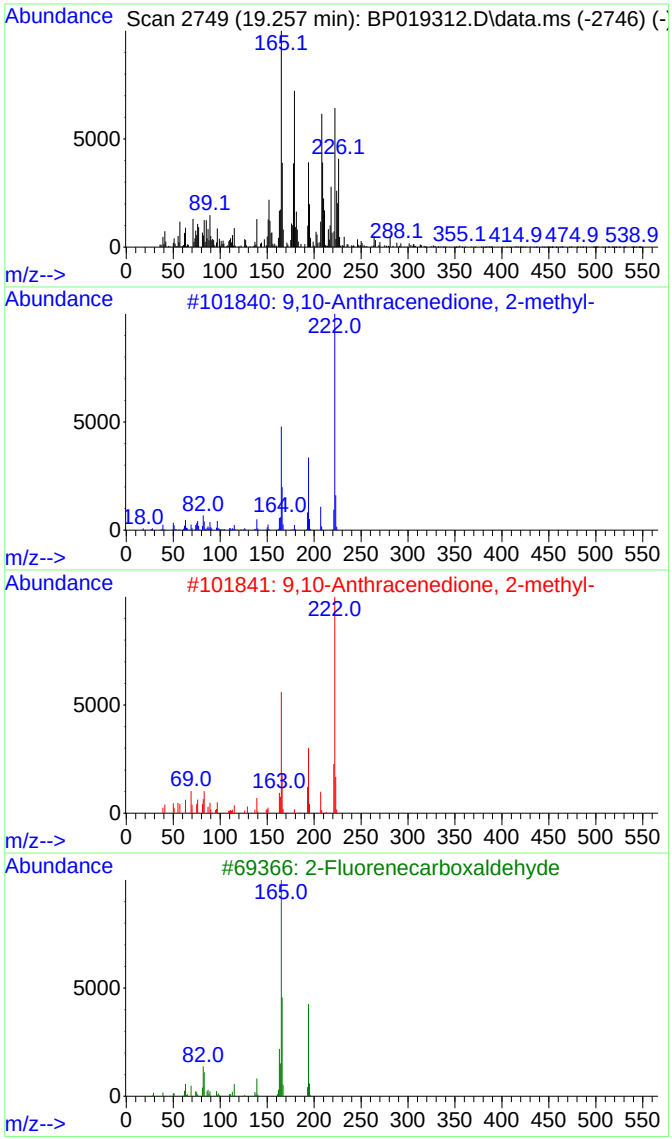
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

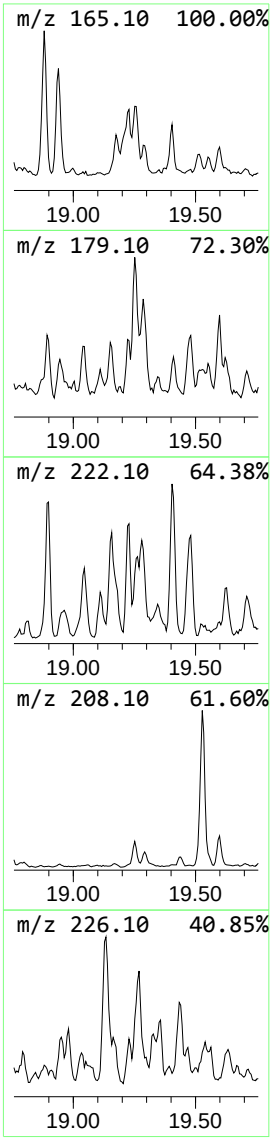
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,10-Anthracenedione, 2-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	2.66 ng/ul	233391	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	59
2	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	49
3	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	48
4	9H-Fluoren-9-one, 2,3-dimethyl-	208	C15H12O	004627-17-2	46
5	Naphthalene, 1-(1-cyclohexen-1-yl)-	208	C16H16	040358-51-8	43





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Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

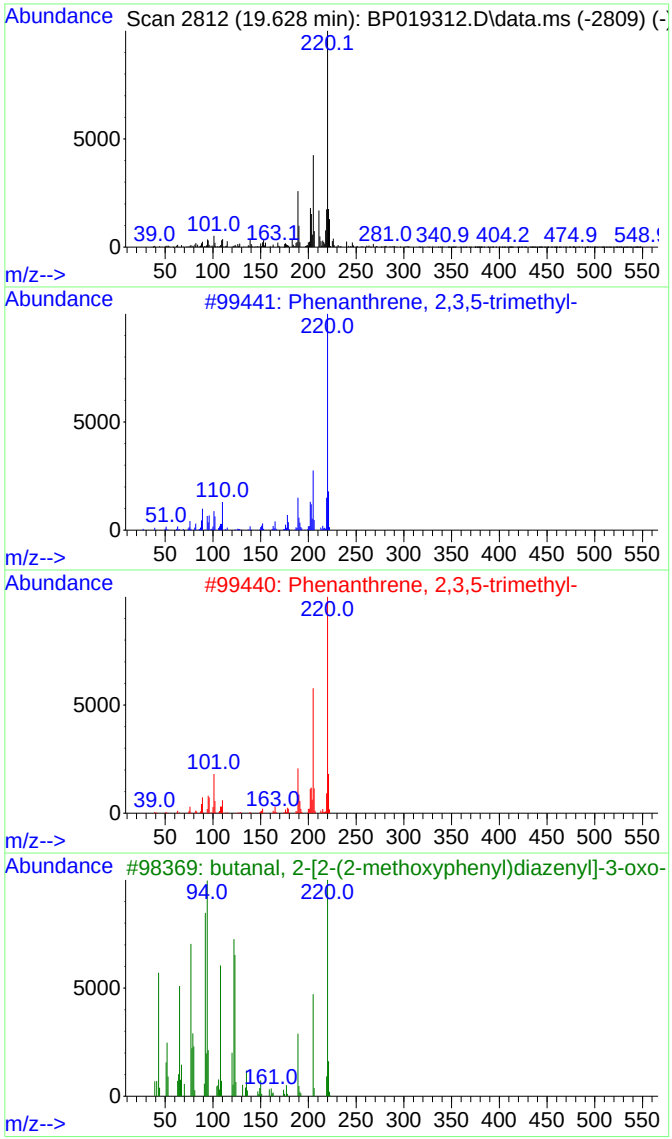
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

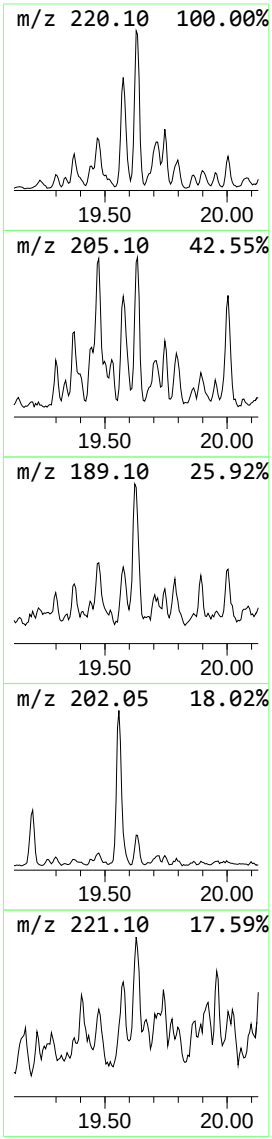
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.628	5.38 ng/ul	472248	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	83
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	81
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
4	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	53
5	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

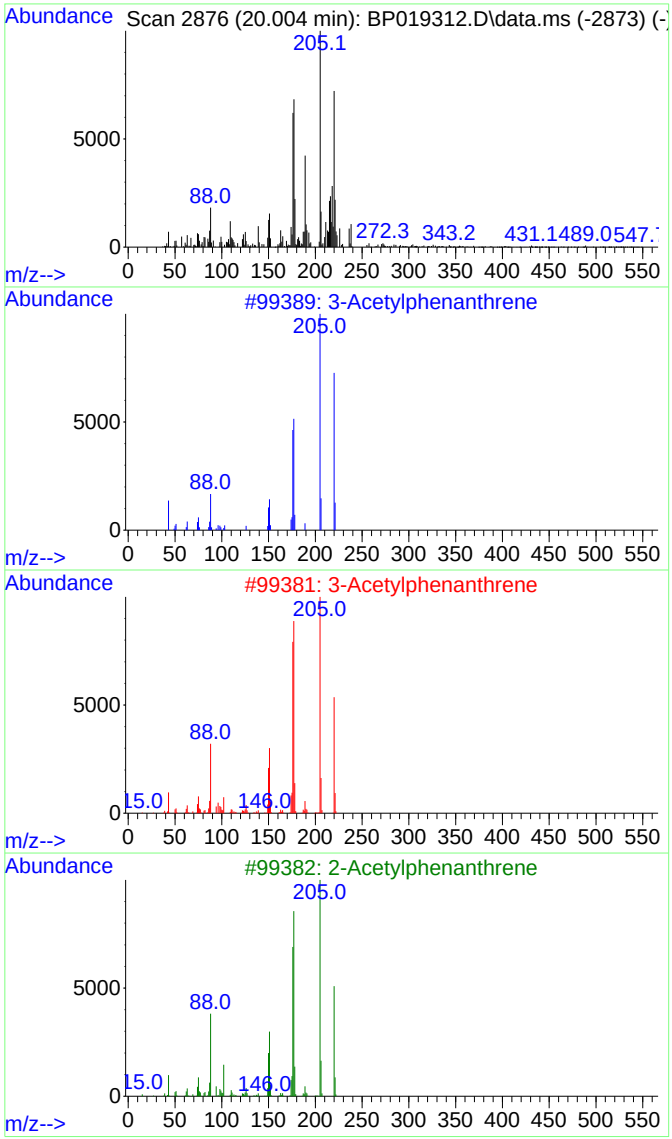
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

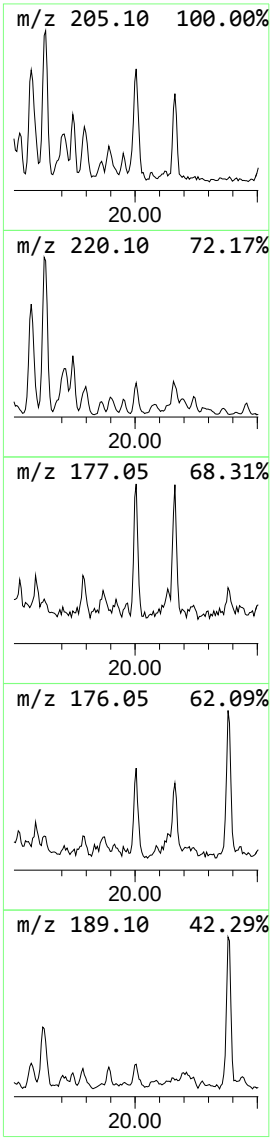
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3-Acetylphenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	2.89 ng/ul	254110	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetylphenanthrene	220	C16H12O	002039-76-1	96
2	3-Acetylphenanthrene	220	C16H12O	002039-76-1	91
3	2-Acetylphenanthrene	220	C16H12O	005960-69-0	90
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	83
5	3-Acetylphenanthrene	220	C16H12O	002039-76-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

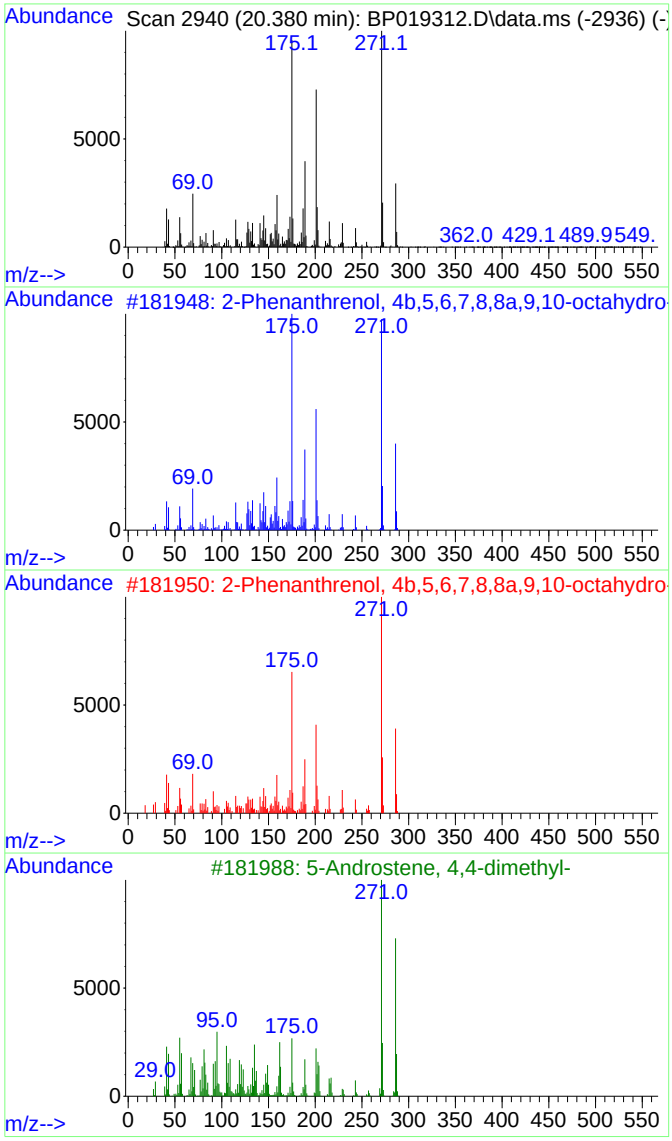
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

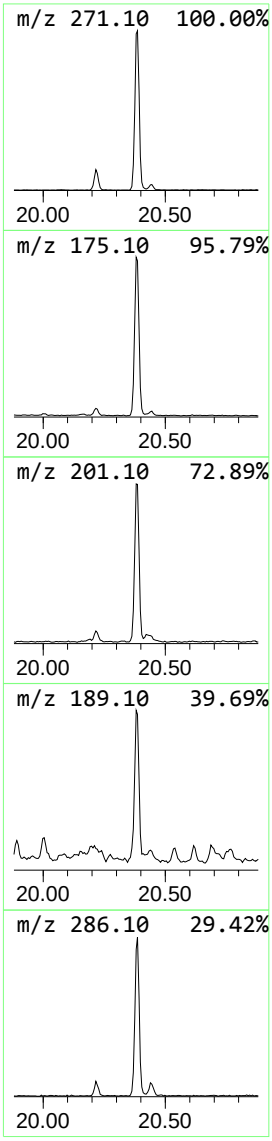
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.380	19.12 ng/ul	1678720	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	93
3	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	43
4	2,2-Bis(4'-methoxyphenyl)-2-etho...	286	C18H22O3	1000283-53-7	22
5	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

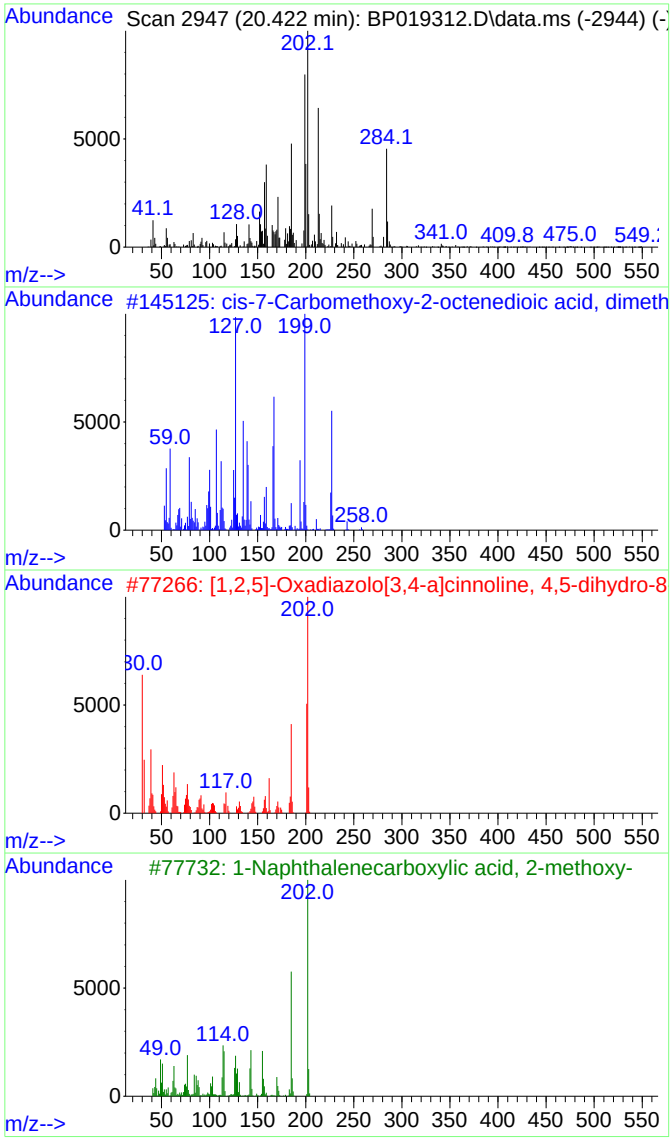
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

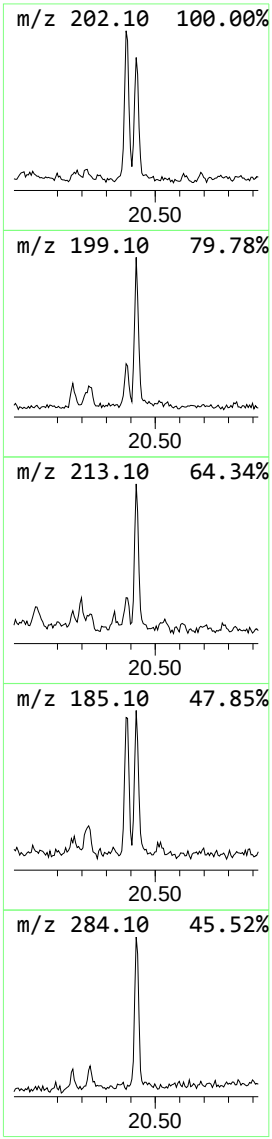
****

Peak Number 20 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.422	5.19 ng/ul	456073	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Carbomethoxy-2-octenedioic...	258	C12H18O6	1010298-82-7	30
2	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	20
3	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	20
4	(2E)-3-(3,4,5-Trifluorophenyl)pr...	202	C9H5F3O2	152152-19-7	18
5	3-Methoxydiphenylamine	199	C13H13NO	000101-16-6	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

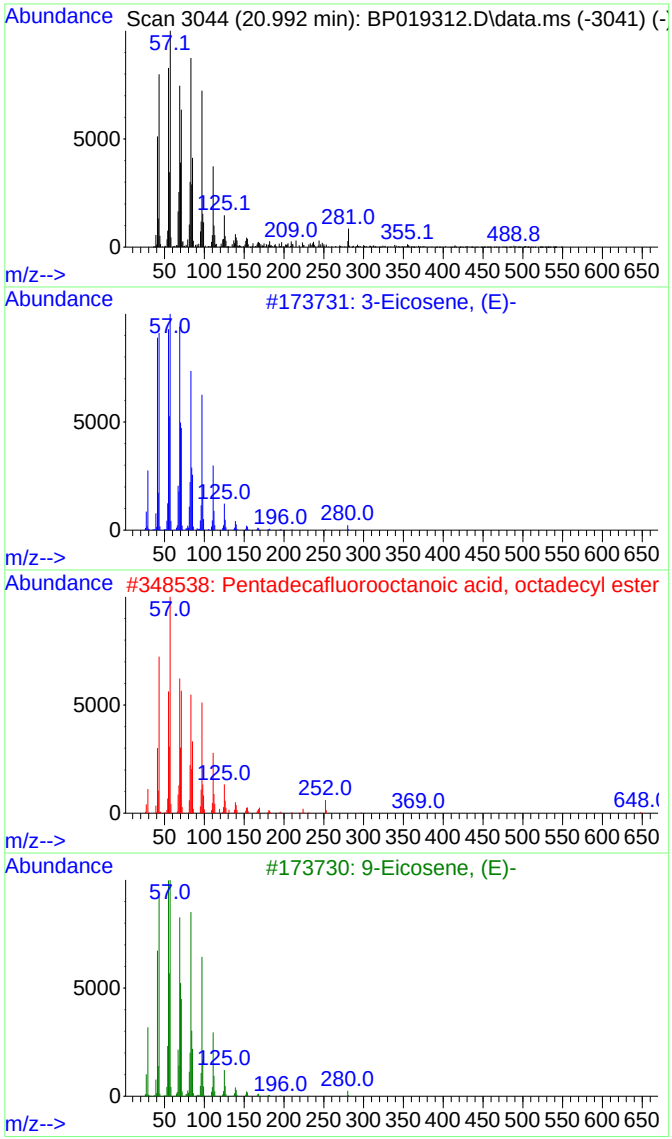
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

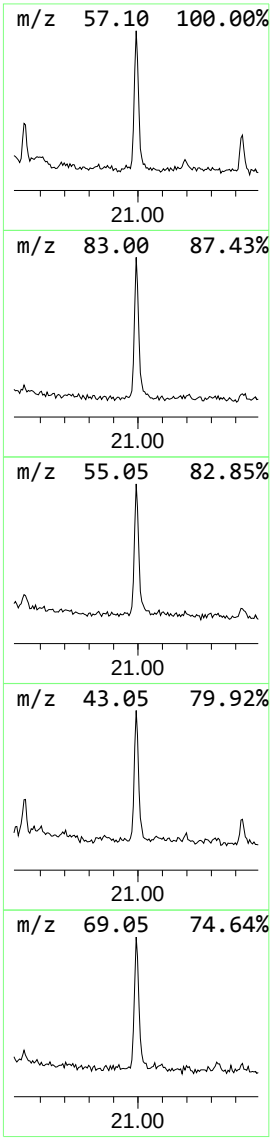
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	5.08 ng/ul	446484	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	92
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019312.D
Acq On : 09 Jan 2024 12:37
Operator : MA/JU
Sample : 05953-06ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.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
Longifolene	13.687	3.1	ng/ul	262834	3	14.428	1718270	20.0
Octadecane, 1-c...	14.322	5.4	ng/ul	460256	3	14.428	1718270	20.0
(DEL) Alkane: S...	15.275	6.3	ng/ul	543468	3	14.428	1718270	20.0
(DEL) Alkane: S...	15.681	4.1	ng/ul	354111	3	14.428	1718270	20.0
unknown-01	15.775	2.0	ng/ul	171894	3	14.428	1718270	20.0
(DEL) Alkane: S...	16.140	13.1	ng/ul	1400730	4	17.186	2143390	20.0
(DEL) Alkane: S...	16.939	10.5	ng/ul	1121880	4	17.186	2143390	20.0
(DEL) Alkane: S...	16.986	6.5	ng/ul	693338	4	17.186	2143390	20.0
9,9-Dimethyl-9-...	17.369	2.1	ng/ul	229509	4	17.186	2143390	20.0
(DEL) Alkane: S...	17.681	12.1	ng/ul	1292590	4	17.186	2143390	20.0
Anisole, 2,3,4,...	17.798	6.5	ng/ul	700010	4	17.186	2143390	20.0
n-Hexadecanoic ...	18.081	9.8	ng/ul	1045150	4	17.186	2143390	20.0
(DEL) Alkane: S...	18.357	9.7	ng/ul	1043590	4	17.186	2143390	20.0
Phenanthrene, 3...	18.869	9.1	ng/ul	978549	4	17.186	2143390	20.0
3,4-Dimethylphe...	18.945	7.8	ng/ul	831947	4	17.186	2143390	20.0
9,10-Anthracene...	19.257	2.7	ng/ul	233391	5	21.286	1756370	20.0
Phenanthrene, 2...	19.628	5.4	ng/ul	472248	5	21.286	1756370	20.0
3-Acetylphenant...	20.004	2.9	ng/ul	254110	5	21.286	1756370	20.0
2-Phenanthrenol...	20.380	19.1	ng/ul	1678720	5	21.286	1756370	20.0
unknown-02	20.422	5.2	ng/ul	456073	5	21.286	1756370	20.0
(DEL) Alkane: S...	20.992	5.1	ng/ul	446484	5	21.286	1756370	20.0