LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YAYZ6

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_G\Methods\SFAM-EPA-BG031822.M
Title : SVOA CALIBRATION

Signal : TIC: BG052990.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.040	109	111	113	rBV3	2661	2467	0.21%	0.022%
2	4.669	216	218	221	rVB3	2175	1986	0.17%	0.018%
3	6.290	492	494	497	rVB2	3071	2121	0.18%	0.019%
4	6.331	499	501	506	rVB3	1371	1824	0.15%	0.016%
5	6.531	532	535	537	rBV2	2347	3150	0.26%	0.028%
6	6.778	573	577	580	rBV4	1374	1810	0.15%	0.016%
7	6.942	600	605	607	rVB6	1338	2102	0.18%	0.019%
8	7.124	634	636	641	rVB4	2421	3656	0.31%	0.033%
9	7.159	641	642	644	rBV2	2561	1822	0.15%	0.016%
10	7.283	655	663	674	rVB	55262	101094	8.49%	0.905%
11	7.453	685	692	699	rBV	101279	177396	14.89%	1.589%
12	7.665	722	728	735	rVB	127175	217194	18.24%	1.945%
13	7.753	740	743	746	rVB4	1535	1909	0.16%	0.017%
14	8.135	802	808	814	rBV	100988	171883	14.43%	1.540%
15	8.187	814	817	820	rVB5	2328	2869	0.24%	0.026%
16	8.287	829	834	838	rBV4	2420	4138	0.35%	0.037%
17	8.828	917	926	934	rBV	132271	234571	19.69%	2.101%
18	9.010	952	957	959	rBV2	1554	2220	0.19%	0.020%
19	9.074	965	968	971	rBV2	1436	1908	0.16%	0.017%
20	9.292	997	1005	1013	rBV	143816	259614	21.80%	2.325%
21	9.421	1021	1027	1030	rBV4	9562	18941	1.59%	0.170%
22	9.656	1065	1067	1070	rBV2	2175	2776	0.23%	0.025%
23	9.721	1075	1078	1086	rVV3	9426	17316	1.45%	0.155%
24	9.779	1086	1088	1094	rVB4	3165	2988	0.25%	0.027%
25	10.020	1122	1129	1139	rBV	118887	217586	18.27%	1.949%
26	10.155	1150	1152	1157	rVB4	2996	4017	0.34%	0.036%
27	10.202	1157	1160	1163	rBV2	1954	2735	0.23%	0.024%
28	10.290	1174	1175	1181	rVB2	1819	1983	0.17%	0.018%
29	10.355	1181	1186	1188	rBV5	2302	3435	0.29%	0.031%
30	10.555	1212	1220	1228	rBV2	181504	342639	28.77%	3.069%
31	10.702	1241	1245	1250	rBV5	9695	17558	1.47%	0.157%
32	10.948	1278	1287	1295	rBV	141096	265359	22.28%	2.377%
33	11.072	1301	1308	1318	rBV	48326	95033	7.98%	0.851%
34	11.383	1359	1361	1364	rVB2	3326	3260	0.27%	0.029%
35	11.483	1373	1378	1383	rBV5	1887	4262	0.36%	0.038%
36	11.524	1383	1385	1388	rVB3	1899	1957	0.16%	0.018%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

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_G\Methods\SFAM-EPA-BG031822.M
Title : SVOA CALIBRATION

37	11.583	1393	1395	1400	rVB4	2768	3106	0.26%	0.028%
38	11.706	1413	1416	1417	rBV3	2499	1979	0.17%	0.018%
39	11.730	1417	1420	1424	rVV5	2223	2830	0.24%	0.025%
40	11.835	1435	1438	1440	rBV2	1992	2239	0.19%	0.020%
41	11.941	1452	1456	1457	rBV2	1464	1939	0.16%	0.017%
42	12.117	1477	1486	1492	rVB6	6356	14718	1.24%	0.132%
43	12.188	1495	1498	1499	rBV2	1557	1949	0.16%	0.017%
44	12.211	1499	1502	1509	rVV2	12054	17526	1.47%	0.157%
45	12.352	1521	1526	1530	rBV4	2289	4044	0.34%	0.036%
46	12.517	1550	1554	1559	rBV7	3758	5673	0.48%	0.051%
47	12.593	1561	1567	1577	rBV3	11340	20890	1.75%	0.187%
48	12.740	1587	1592	1596	rBV5	5738	9397	0.79%	0.084%
49	12.822	1601	1606	1608	rBV4	2465	3474	0.29%	0.031%
50	12.887	1610	1617	1623	rBV6	3335	8522	0.72%	0.076%
51	13.134	1656	1659	1661	rBV3	1778	2556	0.21%	0.023%
52	13.298	1683	1687	1688	rBV2	2358	2741	0.23%	0.025%
53	13.404	1703	1705	1711	rVB4	2230	3845	0.32%	0.034%
54	13.457	1711	1714	1717	rBV3	2245	3324	0.28%	0.030%
55	13.586	1728	1736	1741	rVB6	13984	26375	2.21%	0.236%
56	13.662	1746	1749	1759	rVV7	7365	13308	1.12%	0.119%
57	13.739	1759	1762	1765	rVV4	2114	3846	0.32%	0.034%
58	13.774	1767	1768	1776	rVB5	3725	5203	0.44%	0.047%
59	13.862	1779	1783	1786	rVB5	3690	5347	0.45%	0.048%
60	13.985	1800	1804	1805	rBV4	3269	3585	0.30%	0.032%
61	14.038	1811	1813	1817	rVB3	2432	3043	0.26%	0.027%
62	14.150	1825	1832	1841	rBV	399486	588749	49.43%	5.273%
63	14.350	1864	1866	1868	rVB3	2343	1786	0.15%	0.016%
64	14.403	1868	1875	1876	rBV6	8225	14629	1.23%	0.131%
65	14.450	1876	1883	1890	rVB	375055	612666	51.44%	5.488%
66	14.643	1911	1916	1921	rVB4	5113	9484	0.80%	0.085%
67	14.755	1928	1935	1943	rVB	254779	404245	33.94%	3.621%
68	14.831	1945	1948	1951	rVB5	2665	2732	0.23%	0.024%
69	14.867	1951	1954	1956	rBV	3203	2384	0.20%	0.021%
70	14.925	1958	1964	1976	rBV2	78540	138945	11.67%	1.245%
71	15.049	1984	1985	1988	rBV2	2903	2668	0.22%	0.024%
72	15.154	1998	2003	2009	rVB5	7679	12606	1.06%	0.113%
73	15.290	2021	2026	2033	rBV	56480	89597	7.52%	0.803%
74	15.378	2038	2041	2042	rBV2	4296	3516	0.30%	0.031%
75	15.542	2066	2069	2071	rBV3	5123	5973	0.50%	0.054%
76	15.742	2096	2103	2112	rVB	527555	845797	71.01%	7.576%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

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_G\Methods\SFAM-EPA-BG031822.M
Title : SVOA CALIBRATION

77	15.848	2115	2121	2129	rBV	216855	338970	28.46%	3.036%
78	15.983	2141	2144	2145	rBV2	5254	5460	0.46%	0.049%
79	16.106	2161	2165	2169	rBV6	14279	26329	2.21%	0.236%
80	16.300	2196	2198	2202	rVV5	3001	3496	0.29%	0.031%
81	16.335	2202	2204	2205	rVB2	3367	1950	0.16%	0.017%
82	16.423	2216	2219	2221	rBV4	7733	8133	0.68%	0.073%
83	16.623	2252	2253	2260	rVB7	6422	8069	0.68%	0.072%
84	16.987	2314	2315	2317	rBV2	4217	2547	0.21%	0.023%
85	17.492	2396	2401	2411	rVB	323672	505419	42.43%	4.527%
86	17.592	2412	2418	2426	rVB	604971	952477	79.97%	8.531%
87	18.121	2506	2508	2511	rBV4	3593	3746	0.31%	0.034%
88	18.150	2511	2513	2514	rVV2	4448	2613	0.22%	0.023%
89	18.374	2546	2551	2558	rBV	101637	167646	14.08%	1.502%
90	18.520	2572	2576	2581	rVB5	13077	21566	1.81%	0.193%
91	18.632	2590	2595	2602	rBV2	34816	58931	4.95%	0.528%
92	18.797	2621	2623	2627	rVB4	10901	11856	1.00%	0.106%
93	19.390	2720	2724	2730	rBV8	11057	18673	1.57%	0.167%
94	19.443	2730	2733	2738	rVB7	9847	14318	1.20%	0.128%
95	19.642	2763	2767	2775	rBV7	27882	43093	3.62%	0.386%
96	19.877	2800	2807	2817	rVB	803857	1168704	98.12%	10.468%
97	21.411	3063	3068	3079	rBV2	130925	289576	24.31%	2.594%
98	21.781	3125	3131	3139	rVB	342202	589956	49.53%	5.284%
99	24.859	3645	3655	3667	rVB2	422501	1191077	100.00%	10.668%
100	25.088	3684	3694	3708	rVB2	202466	625052	52.48%	5.599%

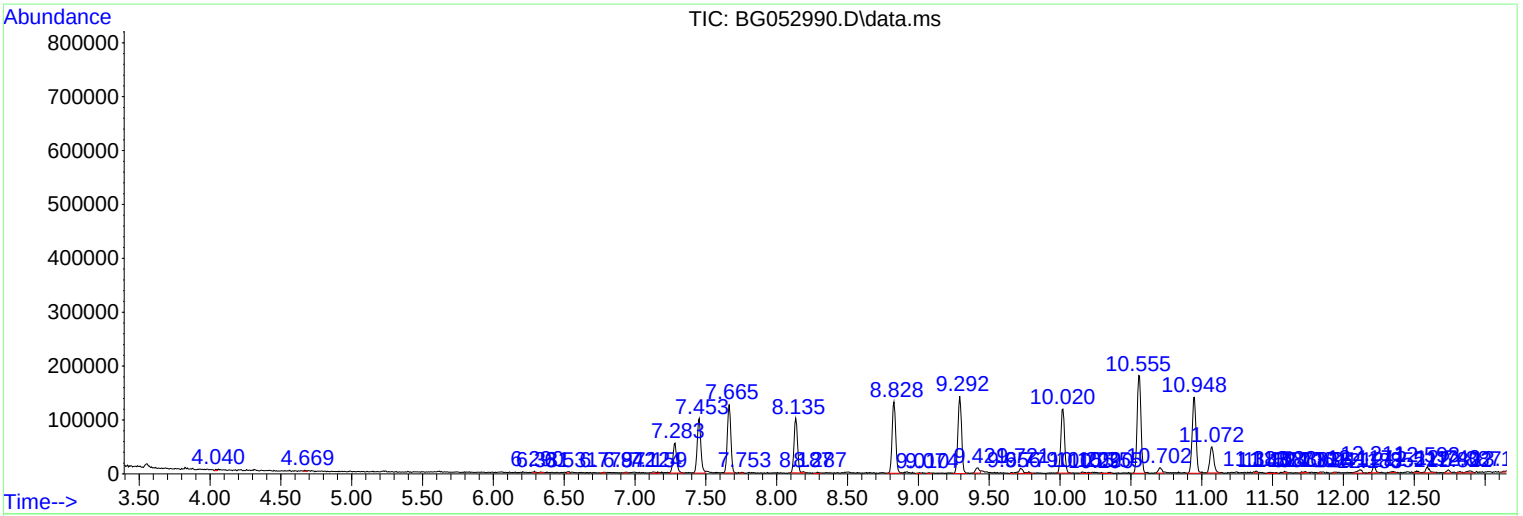
Sum of corrected areas: 11164472

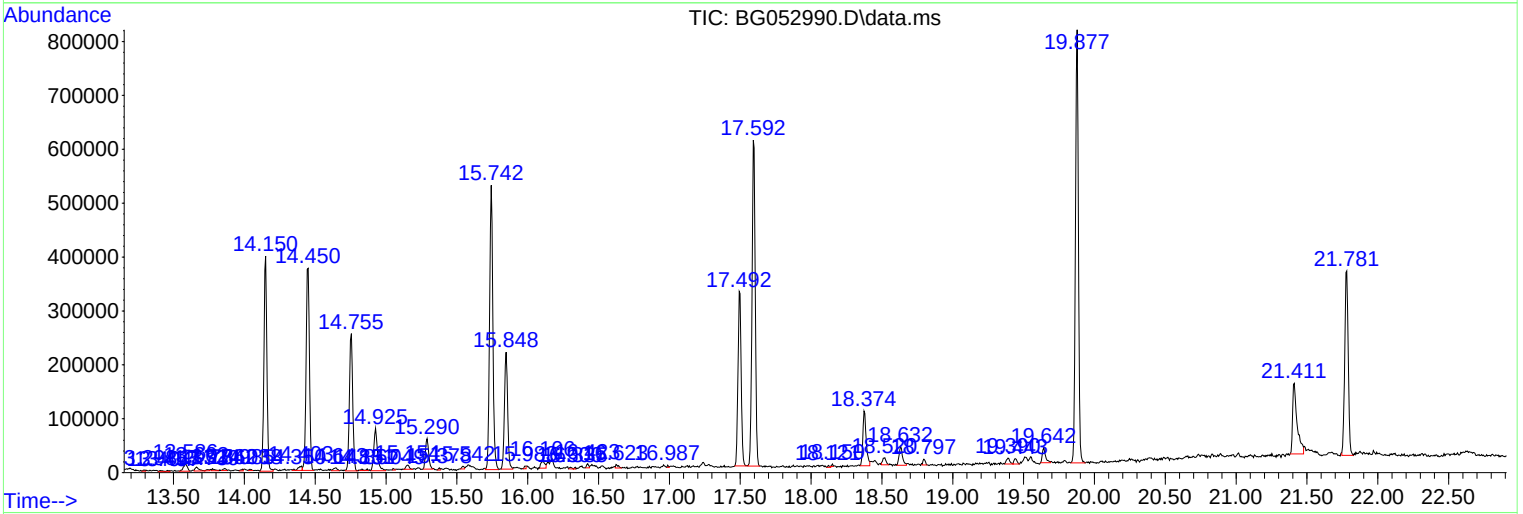
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

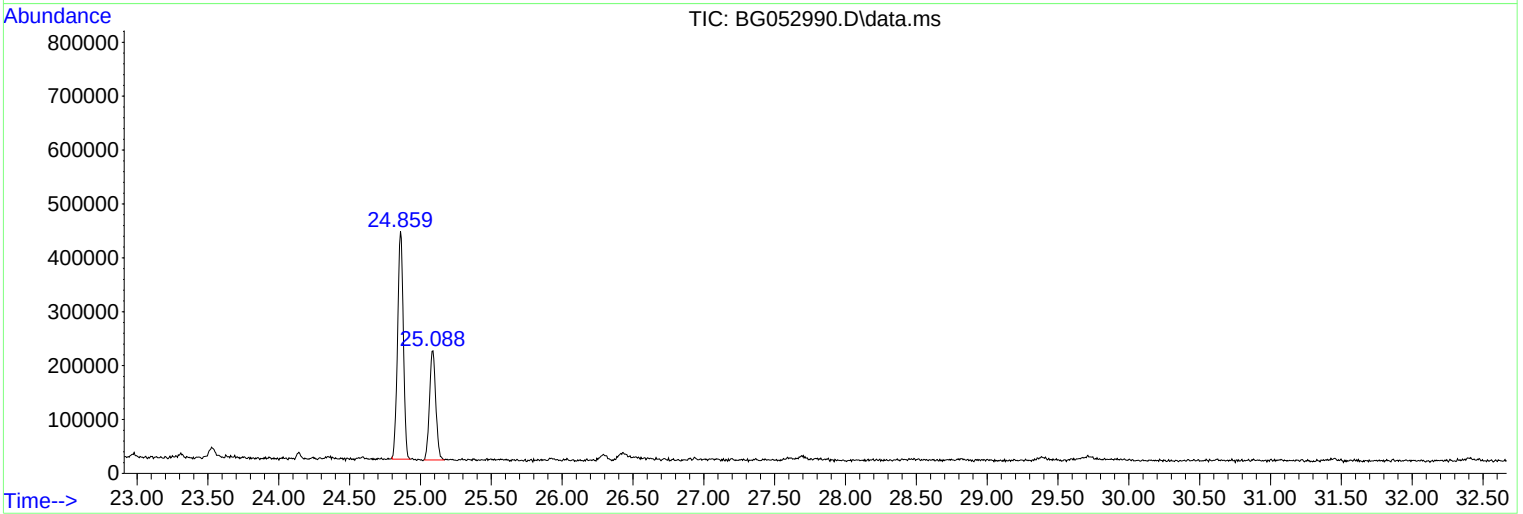
Instrument :
BNA_G
ClientSampleId :
YAYZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

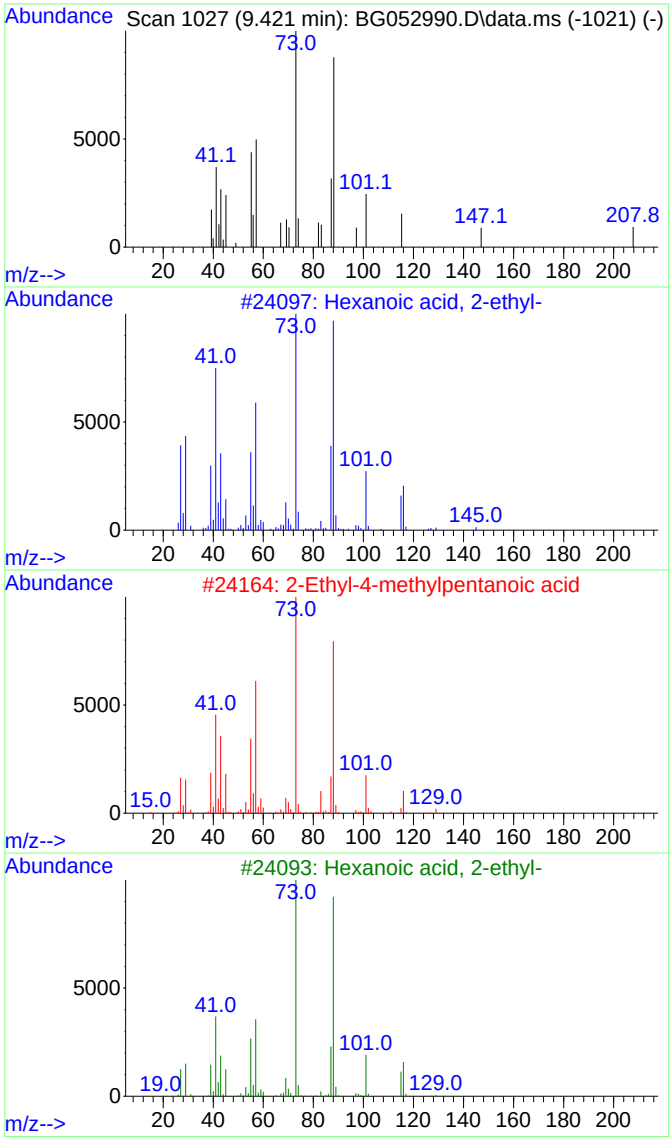
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

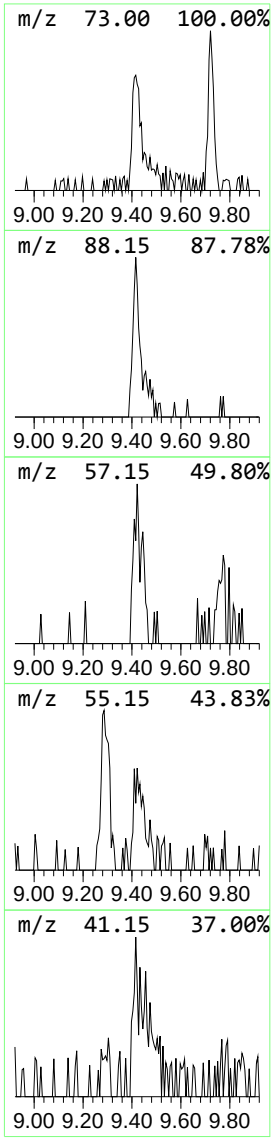
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.421	2.20 ng/ul	18941	1,4-Dichlorobenzene-d4	8.135

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	59
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
4	Methyl 2,3-di-O-methyl-.beta.-L-...	192	C8H16O5	053989-92-7	50
5	3-Dodecyloxypropanoic acid, Me d...	272	C16H32O3	1000497-89-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

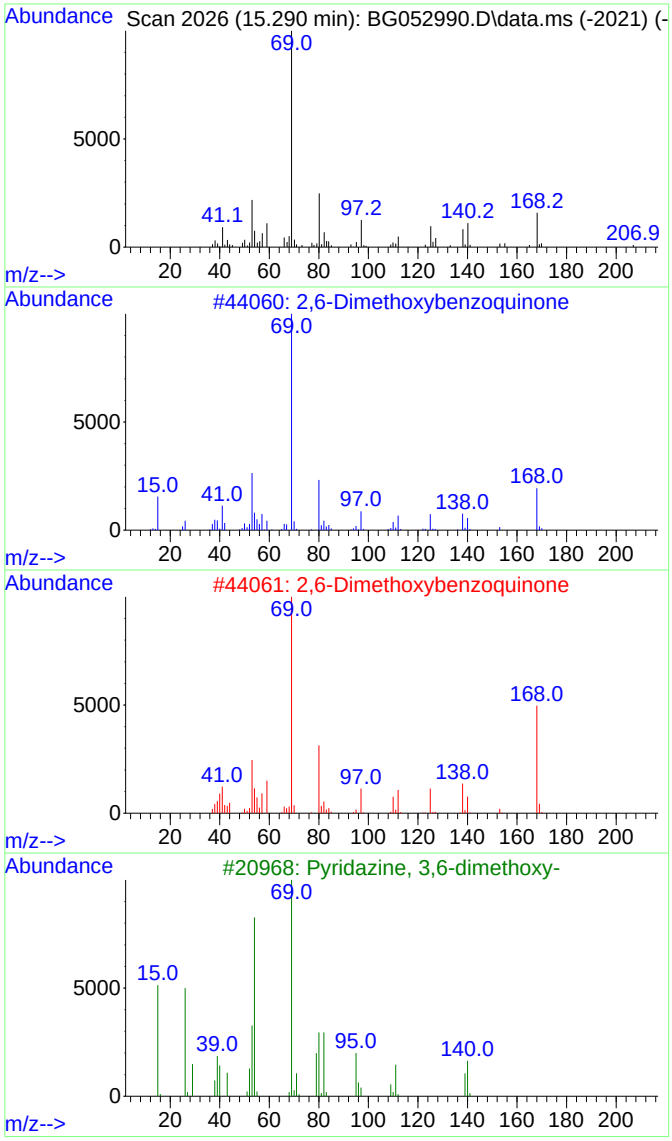
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

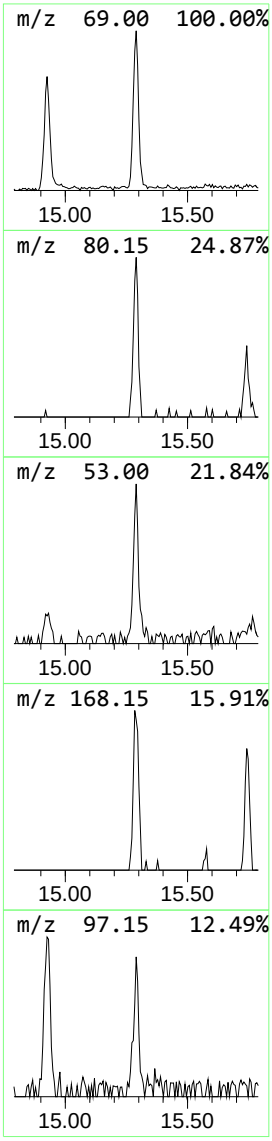
****

Peak Number 2 2,6-Dimethoxybenzoquinone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.290	4.43 ng/ul	89597	Acenaphthene-d10	14.755

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethoxybenzoquinone	168	C8H8O4	000530-55-2	91
2	2,6-Dimethoxybenzoquinone	168	C8H8O4	000530-55-2	90
3	Pyridazine, 3,6-dimethoxy-	140	C6H8N2O2	004603-59-2	38
4	2-Butyne, 1-methoxy-	84	C5H8O	002768-41-4	35
5	1,1-Bis(trifluoromethyl)hydrazine	168	C2H2F6N2	1000394-34-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

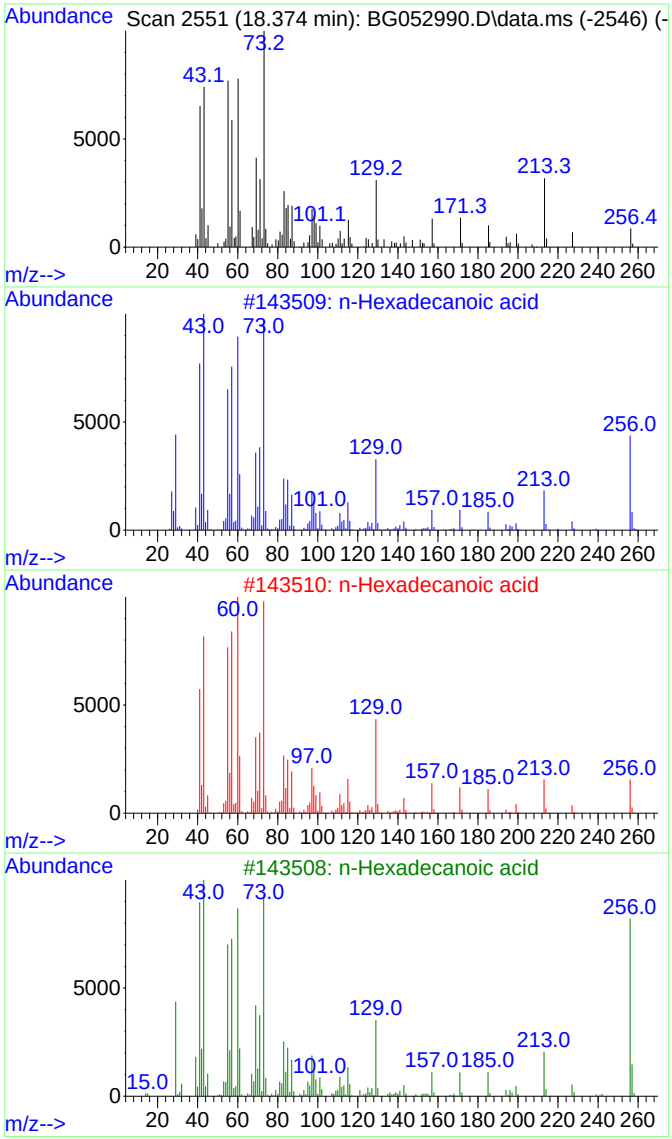
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

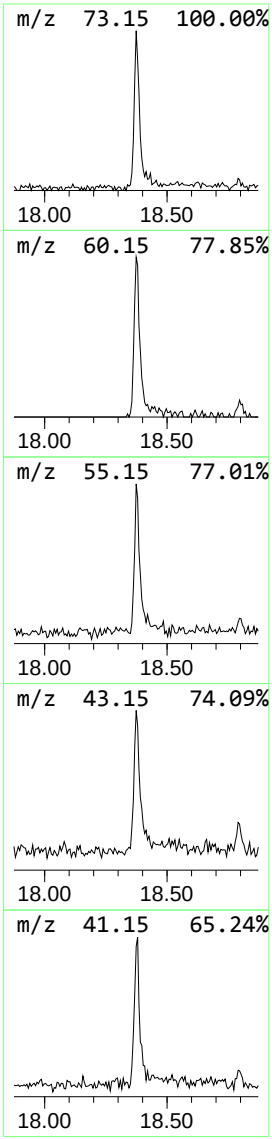
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	6.63 ng/ul	167646	Phenanthrene-d10	17.493

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	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

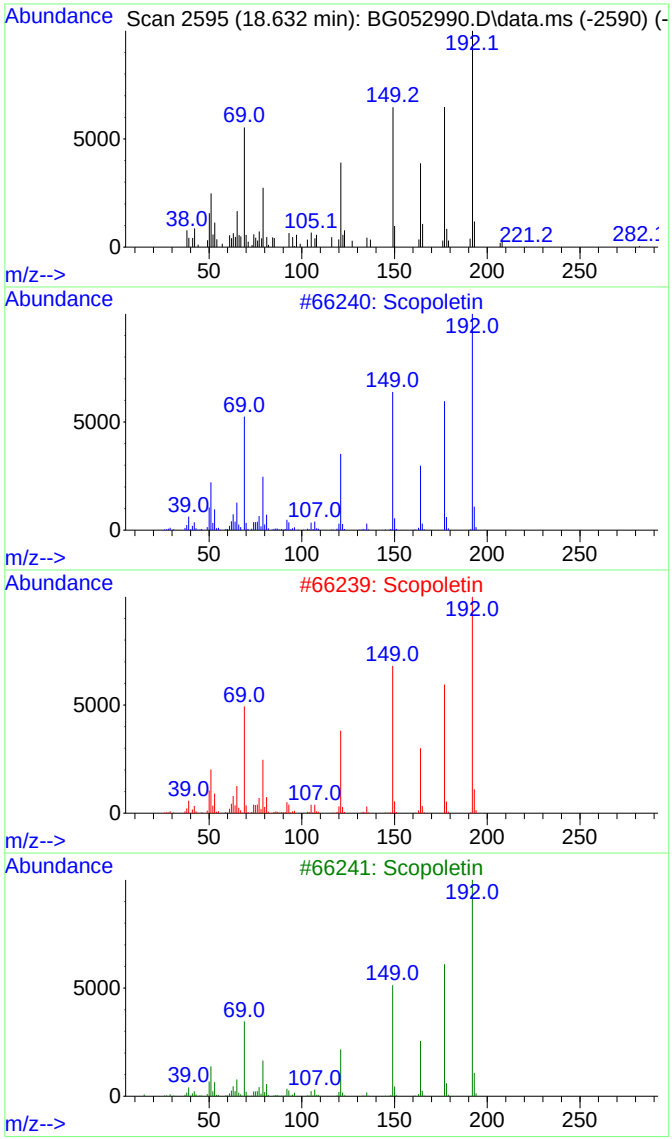
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

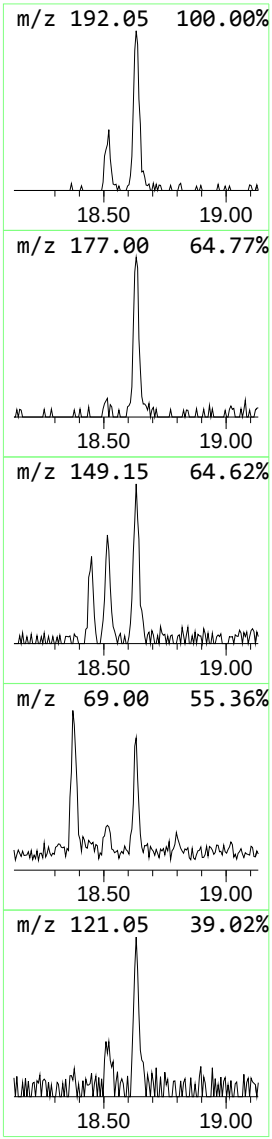
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Scopoletin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.632	2.33 ng/ul	58931	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Scopoletin	192	C10H8O4	000092-61-5	95
2	Scopoletin	192	C10H8O4	000092-61-5	94
3	Scopoletin	192	C10H8O4	000092-61-5	93
4	Scopoletin	192	C10H8O4	000092-61-5	90
5	6-Hydroxy-7-methoxycoumarin	192	C10H8O4	1000426-42-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

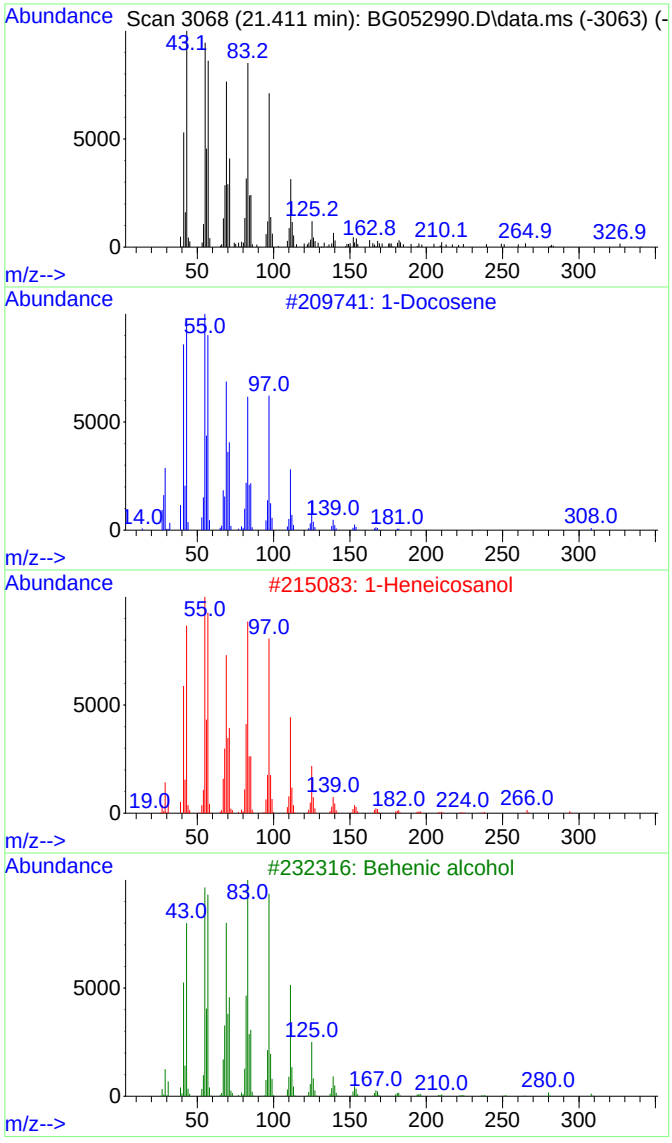
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

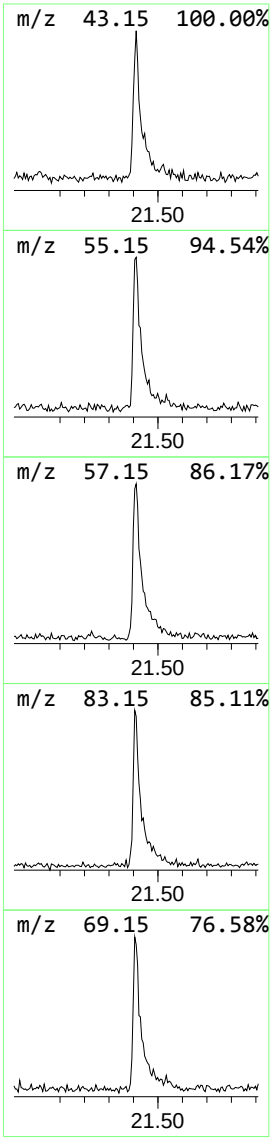
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.411	9.82 ng/ul	289576	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052990.D
Acq On : 31 Mar 2022 21:53
Operator : CG/JU
Sample : N2160-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAYZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.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
Hexanoic acid, ...	9.421	2.2	ng/ul	18941	1	8.135	171883	20.0
2,6-Dimethoxybe...	15.290	4.4	ng/ul	89597	3	14.755	404245	20.0
n-Hexadecanoic ...	18.374	6.6	ng/ul	167646	4	17.493	505419	20.0
Scopoletin	18.632	2.3	ng/ul	58931	4	17.493	505419	20.0
(DEL) Alkane: S...	21.411	9.8	ng/ul	289576	5	21.781	589956	20.0