LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021521\
Data File : BP004743.D
Acq On : 15 Feb 2021 13:21
Operator : CG/JU
Sample : M1349-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ1

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\SOM-EPA-BP020821MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	7	11	19	rVB2	13185	21656	1.66%	0.187%
2	3.305	19	20	22	rVV2	2122	1367	0.10%	0.012%
3	3.334	22	25	31	rVB5	2168	3580	0.27%	0.031%
4	3.510	52	55	56	rBV3	2263	1686	0.13%	0.015%
5	3.875	114	117	118	rBV3	1638	1479	0.11%	0.013%
6	3.887	118	119	125	rVB4	2912	3447	0.26%	0.030%
7	3.981	131	135	140	rBV6	3453	4854	0.37%	0.042%
8	4.540	228	230	236	rVB7	960	1623	0.12%	0.014%
9	4.652	247	249	254	rVB6	1365	2142	0.16%	0.019%
10	4.799	273	274	277	rBV3	1525	1354	0.10%	0.012%
11	4.887	287	289	292	rBV4	1776	1664	0.13%	0.014%
12	5.028	311	313	315	rBV3	1180	1387	0.11%	0.012%
13	5.981	472	475	477	rBV4	1334	1699	0.13%	0.015%
14	6.228	514	517	520	rBV5	1098	1999	0.15%	0.017%
15	6.304	527	530	533	rVB4	1139	1472	0.11%	0.013%
16	6.704	595	598	601	rBV5	1254	1539	0.12%	0.013%
17	6.934	631	637	647	rVB2	53268	89848	6.90%	0.777%
18	7.098	656	665	674	rBV	152888	247224	18.98%	2.137%
19	7.251	688	691	692	rBV3	2318	2295	0.18%	0.020%
20	7.298	693	699	707	rVB	202740	318147	24.42%	2.750%
21	7.769	772	779	785	rVV	181836	290634	22.31%	2.512%
22	7.834	787	790	794	rVB5	1220	2072	0.16%	0.018%
23	7.998	815	818	824	rVB7	895	1528	0.12%	0.013%
24	8.469	889	898	906	rBV	140677	226278	17.37%	1.956%
25	8.922	967	975	985	rBV	199937	328530	25.22%	2.840%
26	9.351	1042	1048	1054	rBV5	4443	8258	0.63%	0.071%
27	9.640	1090	1097	1108	rBV	174881	297437	22.83%	2.571%
28	9.887	1135	1139	1141	rBV4	1271	1591	0.12%	0.014%
29	10.181	1178	1189	1199	rBV	253733	422797	32.46%	3.654%
30	10.557	1245	1253	1262	rBV	218231	368154	28.26%	3.182%
31	10.698	1270	1277	1283	rBV3	10839	19822	1.52%	0.171%
32	11.404	1392	1397	1398	rVB3	1208	1389	0.11%	0.012%
33	12.157	1519	1525	1532	rVB3	3938	7822	0.60%	0.068%
34	12.645	1604	1608	1611	rBV6	1046	1469	0.11%	0.013%

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Misc :
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Instrument : BNA_P
ClientSampleId : DBGQ1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Title : SVOA CALIBRATION

35	13.028	1668	1673	1676	rVB6	1342	1921	0.15%	0.017%
36	13.245	1705	1710	1714	rBV6	2547	4280	0.33%	0.037%
37	13.316	1717	1722	1726	rBV8	1854	2987	0.23%	0.026%
38	13.386	1731	1734	1737	rVB4	1178	1698	0.13%	0.015%
39	13.822	1802	1808	1813	rBV	442276	622536	47.79%	5.381%
40	13.869	1813	1816	1825	rVB	34695	47530	3.65%	0.411%
41	14.104	1847	1856	1865	rBV	489035	727950	55.88%	6.292%
42	14.251	1876	1881	1888	rBV	3072	7598	0.58%	0.066%
43	14.316	1888	1892	1896	rVV7	2319	3587	0.28%	0.031%
44	14.416	1902	1909	1919	rBV	305891	448935	34.46%	3.880%
45	14.616	1933	1943	1955	rBV2	26800	59005	4.53%	0.510%
46	14.839	1975	1981	1985	rBV7	2951	6121	0.47%	0.053%
47	15.233	2046	2048	2052	rVV5	1753	2617	0.20%	0.023%
48	15.275	2053	2055	2059	rVB5	2332	2793	0.21%	0.024%
49	15.410	2070	2078	2090	rBV	595232	858809	65.93%	7.423%
50	15.527	2090	2098	2107	rBV	222281	315814	24.24%	2.730%
51	15.651	2115	2119	2125	rVB3	7050	10625	0.82%	0.092%
52	15.780	2138	2141	2145	rVB6	1103	1757	0.13%	0.015%
53	15.969	2172	2173	2176	rBV3	1826	1955	0.15%	0.017%
54	15.992	2176	2177	2182	rVB5	1279	1406	0.11%	0.012%
55	16.086	2190	2193	2194	rBV3	1588	1717	0.13%	0.015%
56	16.198	2208	2212	2215	rBV6	3229	4429	0.34%	0.038%
57	16.410	2243	2248	2254	rVB7	3602	4959	0.38%	0.043%
58	16.569	2272	2275	2282	rVB9	2056	4066	0.31%	0.035%
59	16.645	2282	2288	2289	rBV3	1259	1707	0.13%	0.015%
60	16.669	2289	2292	2295	rVB5	1517	1597	0.12%	0.014%
61	16.745	2302	2305	2308	rBV5	1079	1359	0.10%	0.012%
62	16.939	2336	2338	2344	rBV7	2376	4982	0.38%	0.043%
63	17.169	2371	2377	2384	rBV	364347	499677	38.36%	4.319%
64	17.269	2388	2394	2405	rVB	676720	944320	72.49%	8.162%
65	17.469	2425	2428	2430	rBV4	1087	1565	0.12%	0.014%
66	18.016	2516	2521	2522	rBV4	1291	1929	0.15%	0.017%
67	18.063	2524	2529	2538	rBV	112039	163759	12.57%	1.415%
68	18.463	2595	2597	2600	rBV4	1526	1511	0.12%	0.013%
69	18.816	2655	2657	2658	rBV2	2247	1738	0.13%	0.015%
70	19.033	2692	2694	2696	rBV3	2311	2041	0.16%	0.018%
71	19.157	2711	2715	2719	rBV3	15855	22746	1.75%	0.197%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Title : SVOA CALIBRATION

72	19.298	2735	2739	2746	rBV	84466	111787	8.58%	0.966%
73	19.398	2752	2756	2761	rVB3	8478	12670	0.97%	0.110%
74	19.510	2769	2775	2781	rBV	859066	1147820	88.11%	9.921%
75	20.939	3013	3018	3020	rBV2	22986	41419	3.18%	0.358%
76	20.968	3020	3023	3030	rVV2	66041	130000	9.98%	1.124%
77	21.039	3031	3035	3043	rVB	73932	107249	8.23%	0.927%
78	21.251	3067	3071	3076	rBV	499126	617573	47.41%	5.338%
79	23.415	3431	3439	3452	rBV	670906	1302697	100.00%	11.260%
80	23.556	3457	3463	3472	rVB2	324116	616115	47.30%	5.325%

Sum of corrected areas: 11569599

LSC Report - Integrated Chromatogram

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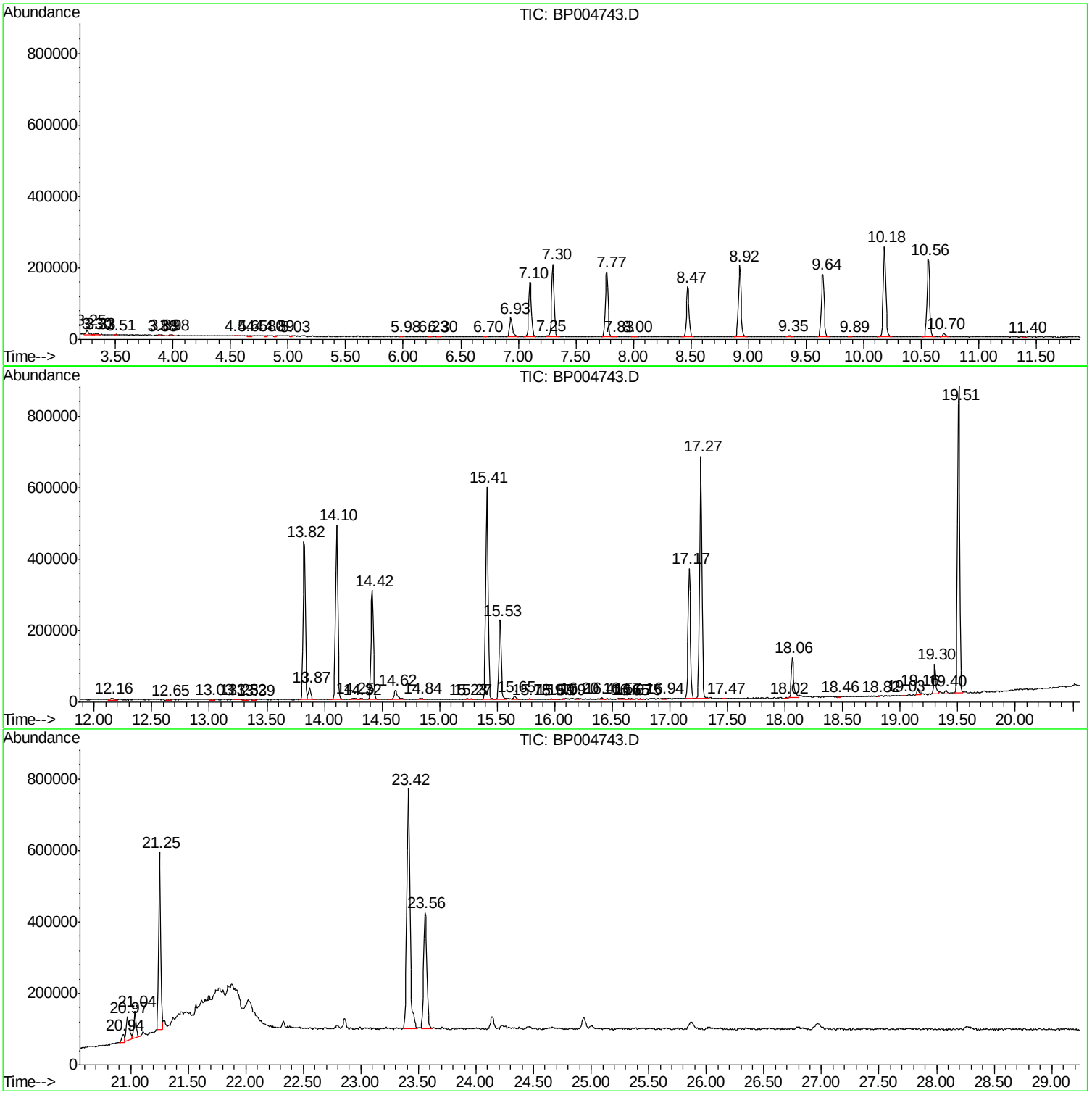
Acq On : 15 Feb 2021 13:21
Operator : CG/JU
Sample : M1349-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021521\
Data File : BP004743.D
Acq On : 15 Feb 2021 13:21
Operator : CG/JU
Sample : M1349-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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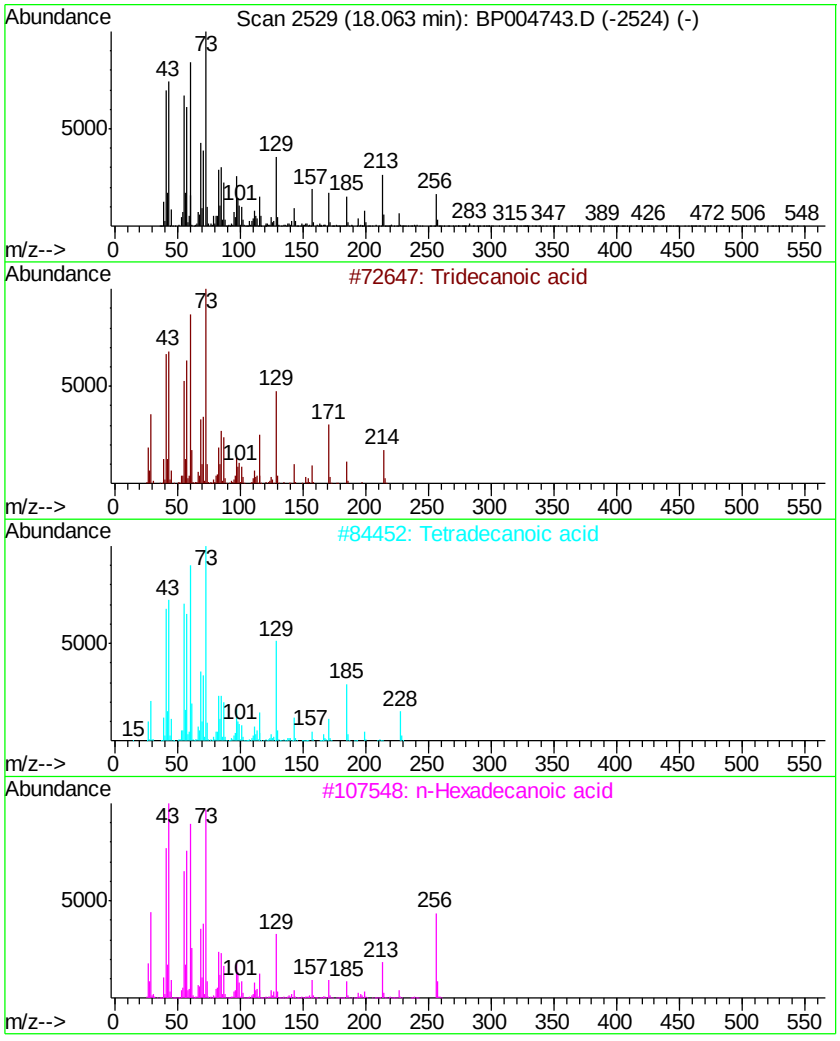
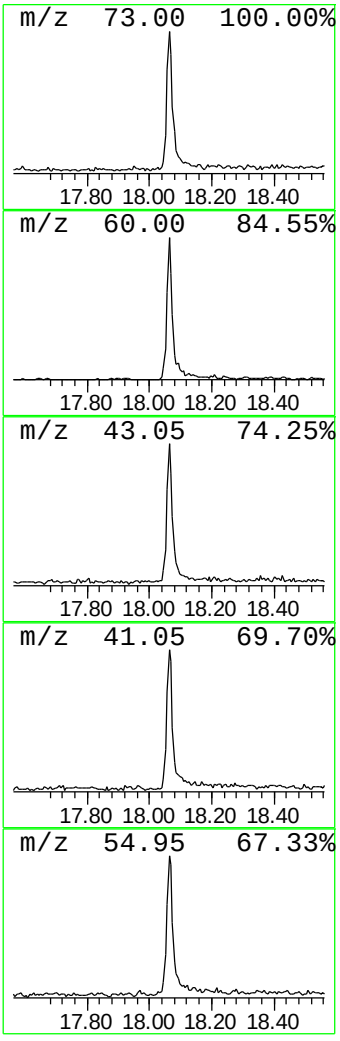
Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	6.55 ng/ul	163759	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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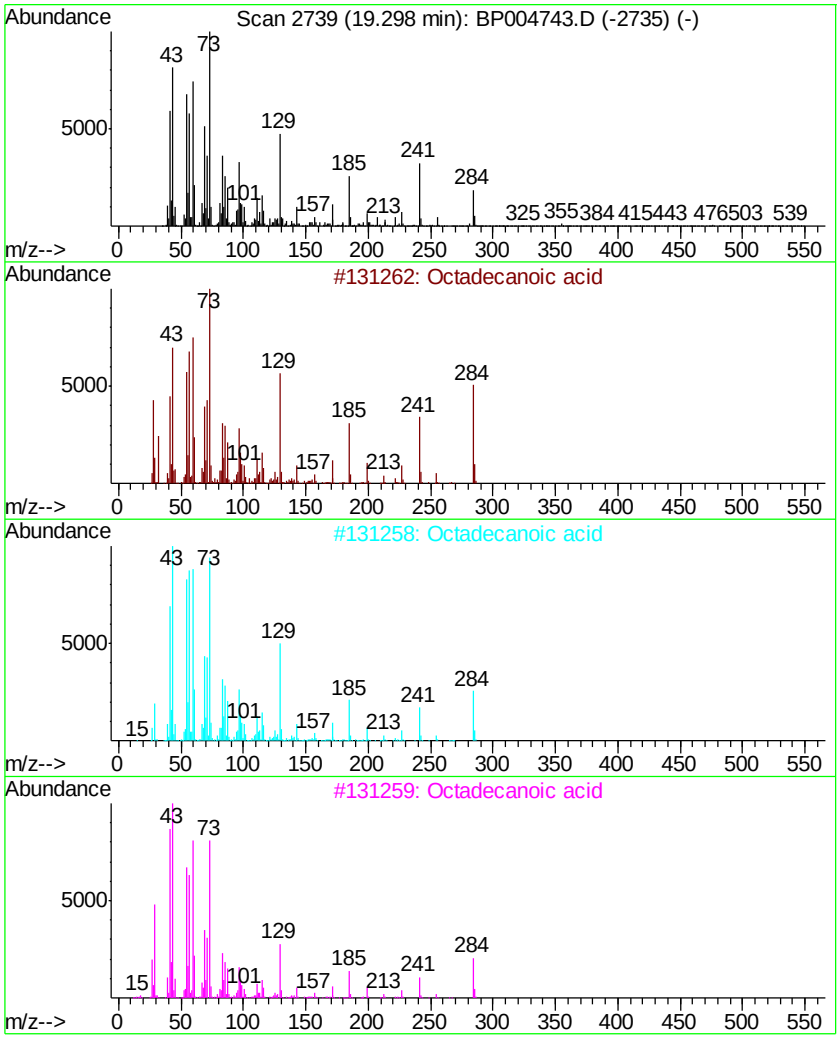
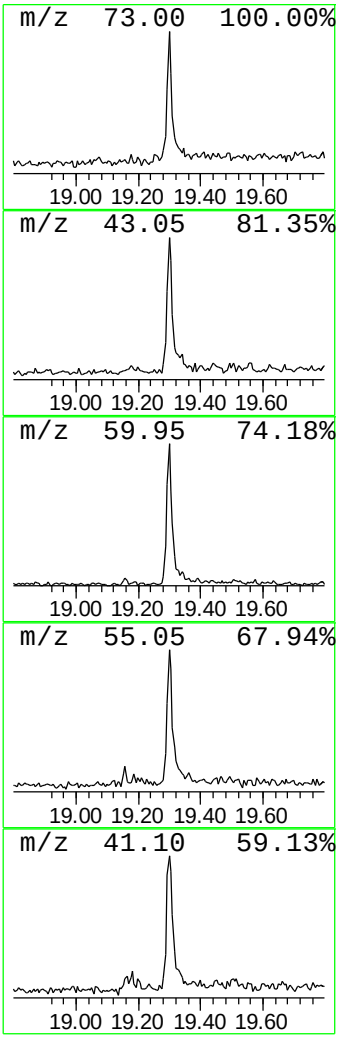
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	3.62 ng/ul	111787	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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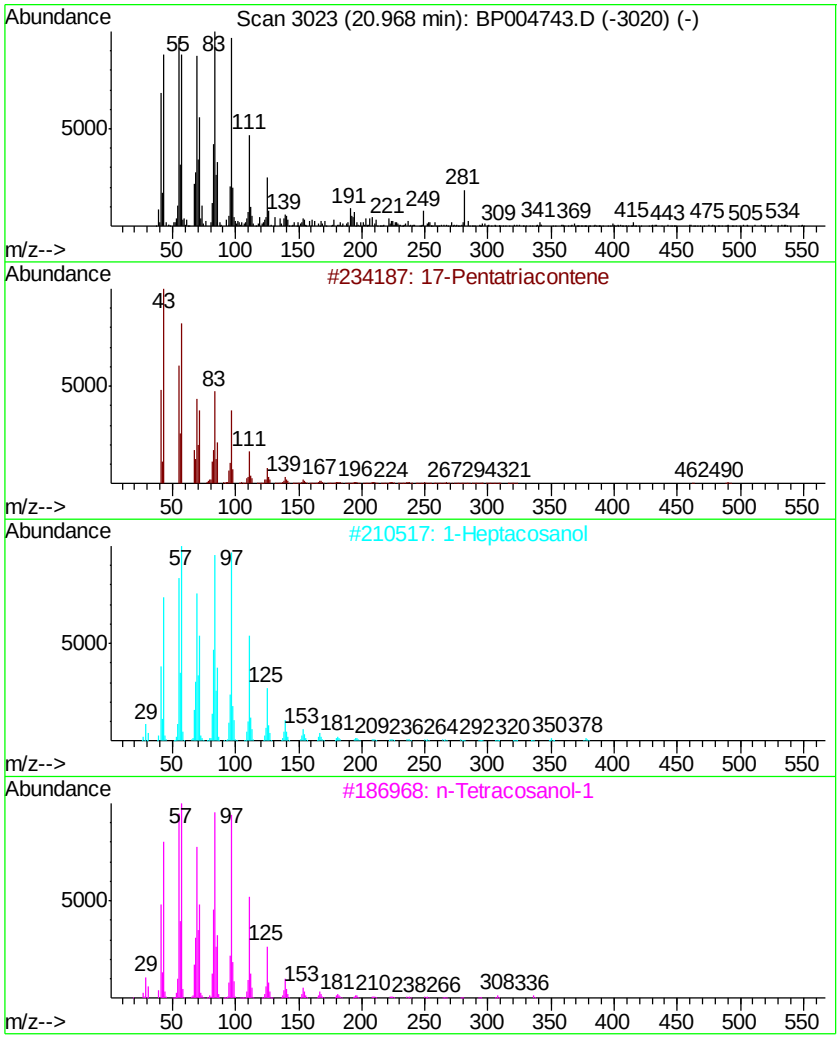
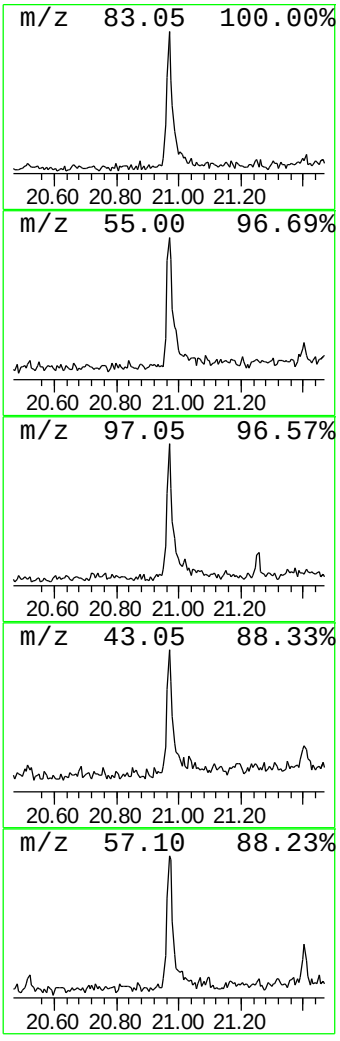
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.21 ng/ul	130000	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	89
5	1-Heneicosanol	312	C21H44O	015594-90-8	81





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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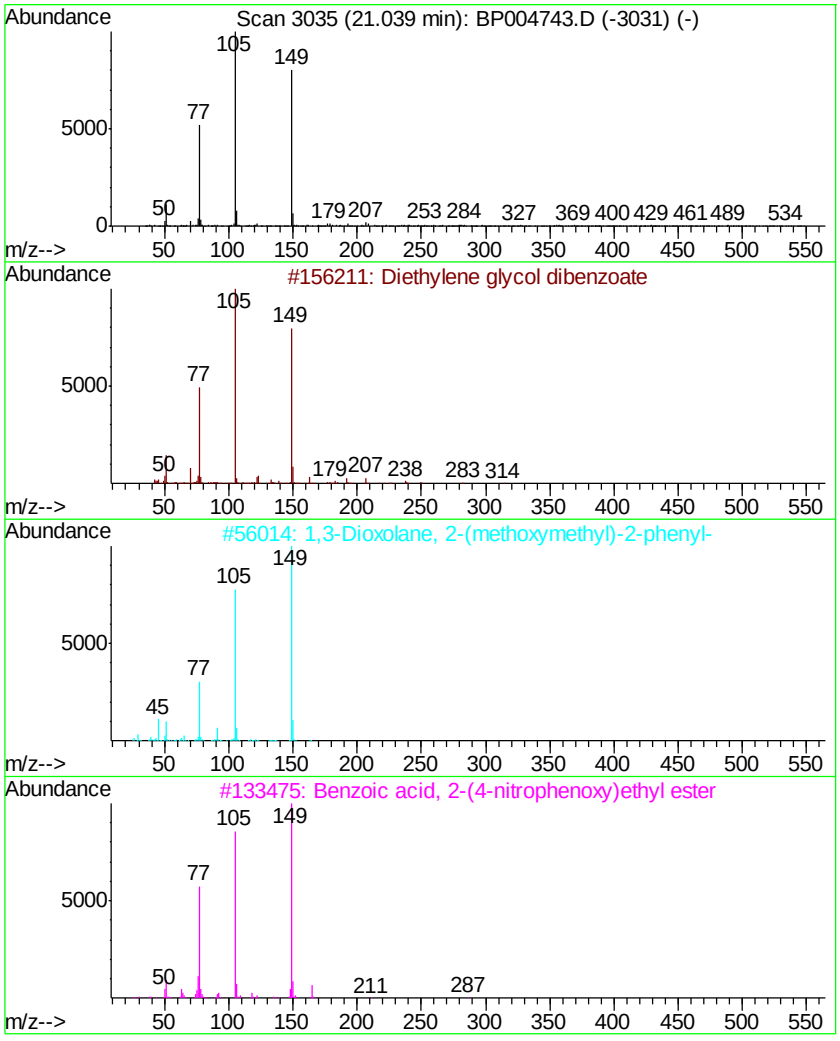
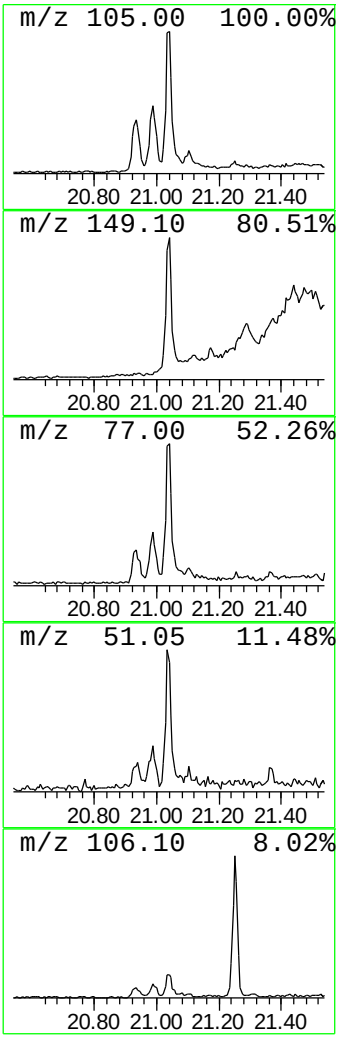
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.47 ng/ul	107249	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	91
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
3	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	56
4	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	56
5	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	50





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_P
ClientSampleId : DBGQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	18.06	6.5	ng/ul	163759	4	17.17	499677	20.0
Octadecanoic acid	19.30	3.6	ng/ul	111787	5	21.25	617573	20.0
(DEL) Alkane: Str...	20.97	4.2	ng/ul	130000	5	21.25	617573	20.0
Diethylene glycol...	21.04	3.5	ng/ul	107249	5	21.25	617573	20.0