LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016685.D
Acq On : 21 Aug 2023 21:22
Operator : MA/JU
Sample : 04034-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EZYN5

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-BP081423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016685.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	14	17	23	rVB	37895	49838	0.46%	0.047%
2	3.675	63	66	78	rBV	98560	155268	1.44%	0.148%
3	3.828	89	92	106	rBV	223307	386287	3.58%	0.367%
4	4.028	122	126	132	rVB	39644	65009	0.60%	0.062%
5	4.146	142	146	150	rBV	17620	22907	0.21%	0.022%
6	4.534	208	212	222	rVB7	30480	52900	0.49%	0.050%
7	5.087	302	306	309	rVB2	9758	12128	0.11%	0.012%
8	5.405	357	360	366	rVB5	12091	19853	0.18%	0.019%
9	5.552	381	385	391	rBV4	10098	14931	0.14%	0.014%
10	5.664	398	404	405	rBV4	8334	11845	0.11%	0.011%
11	6.081	468	475	481	rBV4	34507	70478	0.65%	0.067%
12	6.987	623	629	634	rBV	38855	65438	0.61%	0.062%
13	7.187	656	663	673	rBV	357154	585829	5.43%	0.557%
14	7.381	689	696	705	rBV	1406242	2132635	19.77%	2.027%
15	7.493	709	715	720	rVB4	10627	19427	0.18%	0.018%
16	7.564	720	727	734	rBV	1273548	1971742	18.28%	1.874%
17	7.634	734	739	750	rVV2	80801	148962	1.38%	0.142%
18	7.722	750	754	759	rVB8	10256	15824	0.15%	0.015%
19	8.046	801	809	820	rVV	1238384	2035407	18.87%	1.935%
20	8.299	848	852	860	rVB10	12231	22638	0.21%	0.022%
21	8.411	866	871	877	rBV5	10543	21617	0.20%	0.021%
22	8.575	894	899	905	rVB4	11375	19589	0.18%	0.019%
23	8.746	921	928	938	rBV	1044728	1696443	15.73%	1.612%
24	8.893	948	953	962	rVB	32263	58068	0.54%	0.055%
25	9.152	991	997	1003	rBV2	24940	40361	0.37%	0.038%
26	9.240	1003	1012	1024	rVV	1644297	2699847	25.03%	2.566%
27	9.358	1027	1032	1039	rVB3	30369	54179	0.50%	0.051%
28	9.958	1124	1134	1143	rBV	1265913	2066277	19.16%	1.964%
29	10.075	1150	1154	1159	rVB6	7416	12527	0.12%	0.012%
30	10.134	1159	1164	1181	rVB2	40249	77374	0.72%	0.074%
31	10.481	1215	1223	1237	rBV	1834781	3067083	28.44%	2.915%
32	10.634	1244	1249	1255	rBV6	22183	41968	0.39%	0.040%
33	10.769	1268	1272	1283	rVB7	26363	53774	0.50%	0.051%
34	10.875	1283	1290	1304	rBV	1807845	3051372	28.29%	2.900%
35	11.028	1309	1316	1331	rVV	1196689	2089859	19.38%	1.986%
36	11.246	1347	1353	1366	rBV	54787	117737	1.09%	0.112%

LSC Area Percent Report

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Acq On : 21 Aug 2023 21:22
Operator : MA/JU
Sample : 04034-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN5

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-BP081423.MA.M
Title : SVOA CALIBRATION

37	11.557	1401	1406	1411	rBV	23038	41008	0.38%	0.039%
38	11.622	1411	1417	1429	rVV2	81910	151406	1.40%	0.144%
39	11.793	1442	1446	1452	rVB9	7512	12458	0.12%	0.012%
40	12.346	1535	1540	1545	rBV4	10378	17834	0.17%	0.017%
41	12.452	1552	1558	1567	rBV2	39931	76020	0.70%	0.072%
42	12.681	1590	1597	1601	rVB	19541	34611	0.32%	0.033%
43	12.910	1630	1636	1638	rBV6	14348	25131	0.23%	0.024%
44	13.022	1651	1655	1662	rVB4	20561	38210	0.35%	0.036%
45	13.163	1676	1679	1685	rVB2	7606	13310	0.12%	0.013%
46	13.275	1692	1698	1703	rBV	53355	82406	0.76%	0.078%
47	13.540	1735	1743	1749	rBV2	56406	127170	1.18%	0.121%
48	13.634	1752	1759	1768	rBV4	39970	86975	0.81%	0.083%
49	13.875	1796	1800	1804	rVB6	12783	17069	0.16%	0.016%
50	14.104	1833	1839	1845	rBV	3678750	4995733	46.32%	4.748%
51	14.304	1870	1873	1879	rVB7	14622	25728	0.24%	0.024%
52	14.393	1882	1888	1901	rBV	4079023	6068862	56.27%	5.768%
53	14.693	1927	1939	1947	rBV	2671781	4157494	38.55%	3.951%
54	14.757	1947	1950	1955	rVB2	28953	38899	0.36%	0.037%
55	14.898	1966	1974	1987	rBV	276536	538186	4.99%	0.512%
56	15.075	1998	2004	2009	rBV9	24369	49750	0.46%	0.047%
57	15.193	2019	2024	2030	rVB10	8240	13564	0.13%	0.013%
58	15.351	2048	2051	2056	rBV	25045	32967	0.31%	0.031%
59	15.440	2061	2066	2070	rVB2	22441	32666	0.30%	0.031%
60	15.504	2072	2077	2082	rVB	60625	83997	0.78%	0.080%
61	15.693	2100	2109	2120	rBV	5295727	7804054	72.35%	7.417%
62	15.810	2123	2129	2138	rBV	1696639	2261642	20.97%	2.150%
63	15.928	2146	2149	2153	rVV3	19133	24221	0.22%	0.023%
64	15.987	2156	2159	2163	rVB2	21984	29850	0.28%	0.028%
65	16.063	2164	2172	2182	rBV	352882	491655	4.56%	0.467%
66	16.410	2227	2231	2235	rVB6	11046	17564	0.16%	0.017%
67	16.557	2250	2256	2262	rVB6	16639	33422	0.31%	0.032%
68	16.628	2262	2268	2272	rBV	146002	208920	1.94%	0.199%
69	16.816	2295	2300	2307	rVB	14696	28232	0.26%	0.027%
70	16.898	2309	2314	2316	rBV	11776	18550	0.17%	0.018%
71	17.022	2331	2335	2342	rVB3	12140	19388	0.18%	0.018%
72	17.151	2348	2357	2361	rBV2	41360	75927	0.70%	0.072%
73	17.328	2383	2387	2392	rBV8	10217	14338	0.13%	0.014%
74	17.381	2393	2396	2399	rVB3	10933	13418	0.12%	0.013%
75	17.463	2403	2410	2420	rBV	3567505	5008646	46.44%	4.760%
76	17.563	2420	2427	2443	rVV2	6607425	9326561	86.47%	8.864%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04034-01
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Instrument :
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ClientSampleId :
EZYN5

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	17.716	2450	2453	2459	rVB	34325	42633	0.40%	0.041%
78	18.092	2511	2517	2525	rBV	540744	684923	6.35%	0.651%
79	18.169	2525	2530	2533	rBV	43747	64179	0.60%	0.061%
80	18.298	2548	2552	2563	rVV	375856	536305	4.97%	0.510%
81	18.386	2564	2567	2572	rVB	61761	73632	0.68%	0.070%
82	19.034	2674	2677	2680	rBV2	25276	25583	0.24%	0.024%
83	19.363	2730	2733	2738	rVB	82663	100055	0.93%	0.095%
84	19.428	2739	2744	2751	rBV2	141890	295539	2.74%	0.281%
85	19.528	2758	2761	2770	rBV2	163075	273149	2.53%	0.260%
86	19.792	2800	2806	2816	rBV	8230881	10785826	100.00%	10.251%
87	20.710	2960	2962	2965	rVB	77978	65868	0.61%	0.063%
88	21.216	3044	3048	3057	rBV2	360107	565074	5.24%	0.537%
89	21.557	3101	3106	3112	rBV	3530715	4785426	44.37%	4.548%
90	21.945	3167	3172	3179	rBV	669664	1141515	10.58%	1.085%
91	22.127	3198	3203	3215	rBV	5687952	7603883	70.50%	7.227%
92	23.963	3506	3515	3528	rVB2	4058749	8799748	81.59%	8.364%
93	24.133	3537	3544	3554	rVB	1968787	4204671	38.98%	3.996%

Sum of corrected areas: 105213272

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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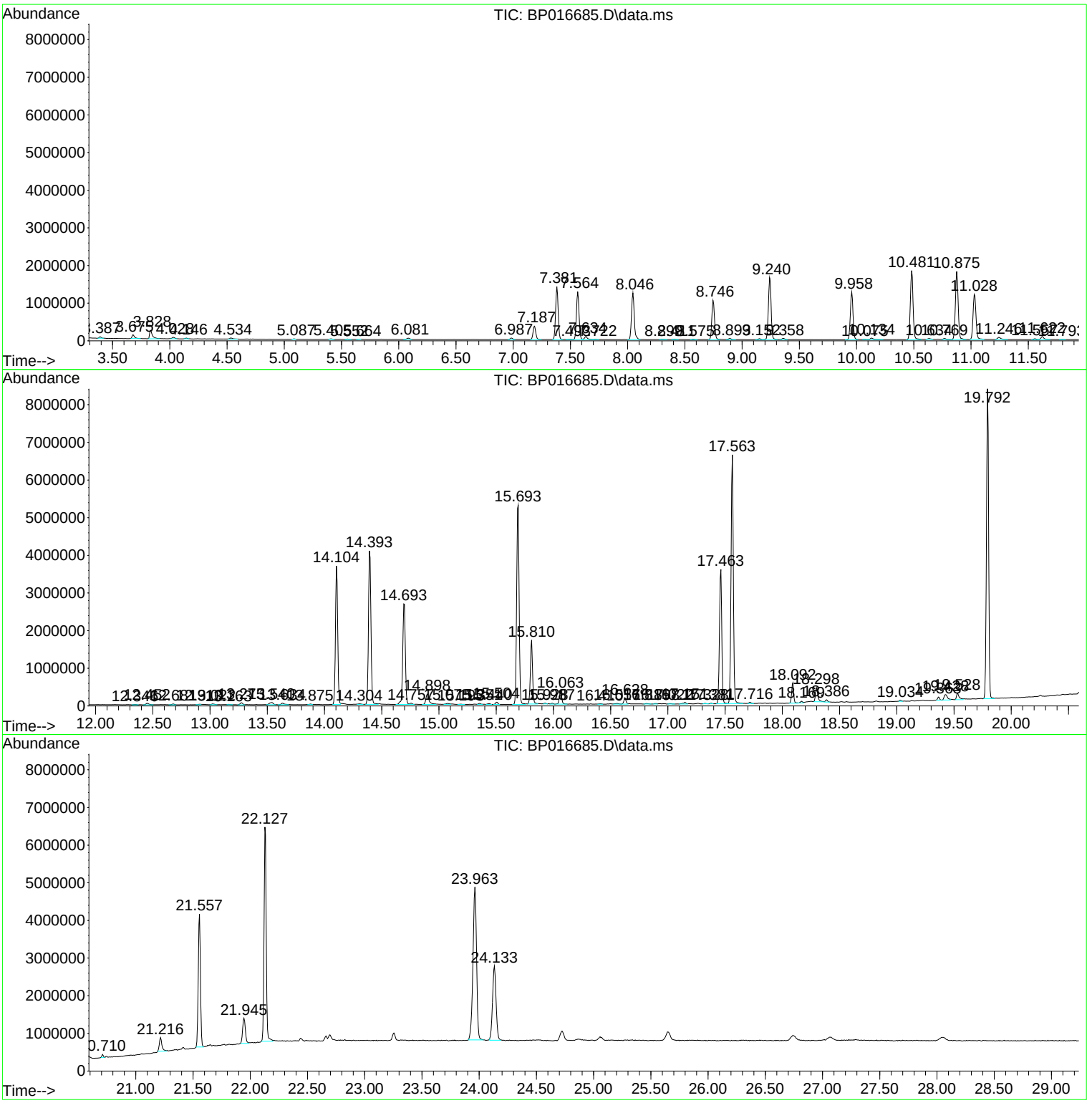
ClientSampleId :
EZYN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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\BP082123\
Data File : BP016685.D
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Operator : MA/JU
Sample : 04034-01
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

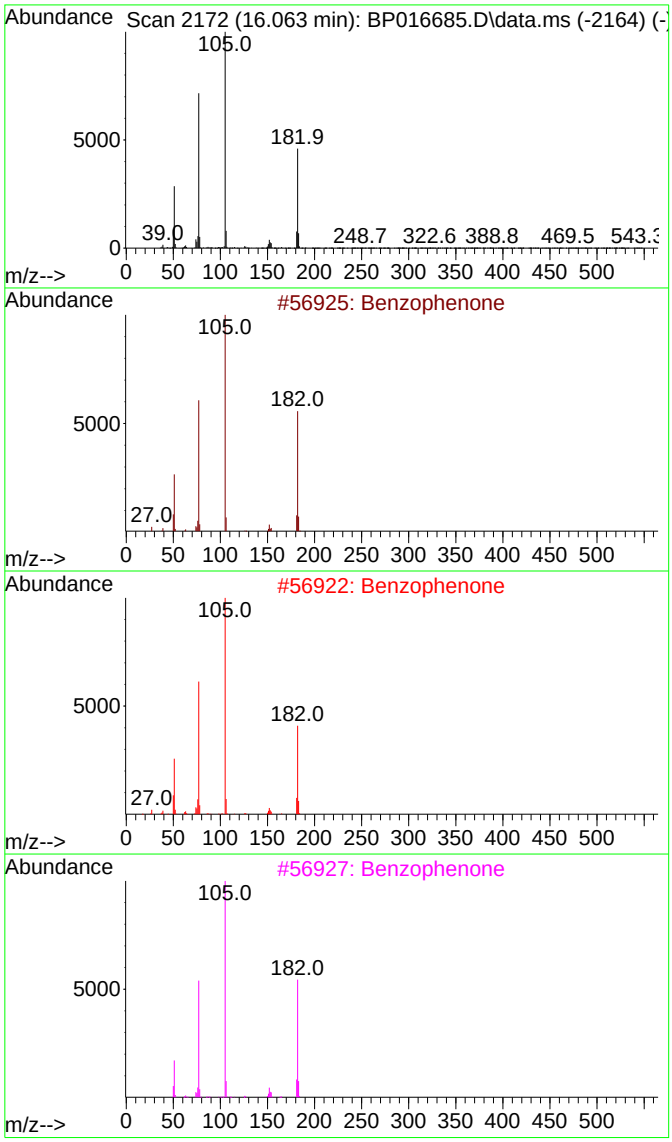
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

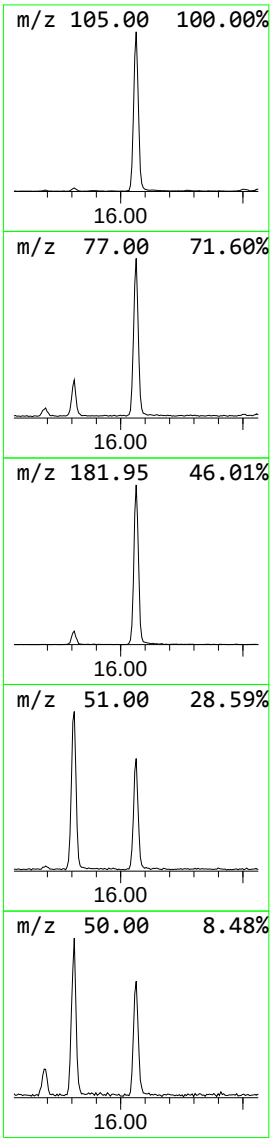
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	2.37 ng/ul	491655	Acenaphthene-d10	14.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Data File : BP016685.D
Acq On : 21 Aug 2023 21:22
Operator : MA/JU
Sample : 04034-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN5

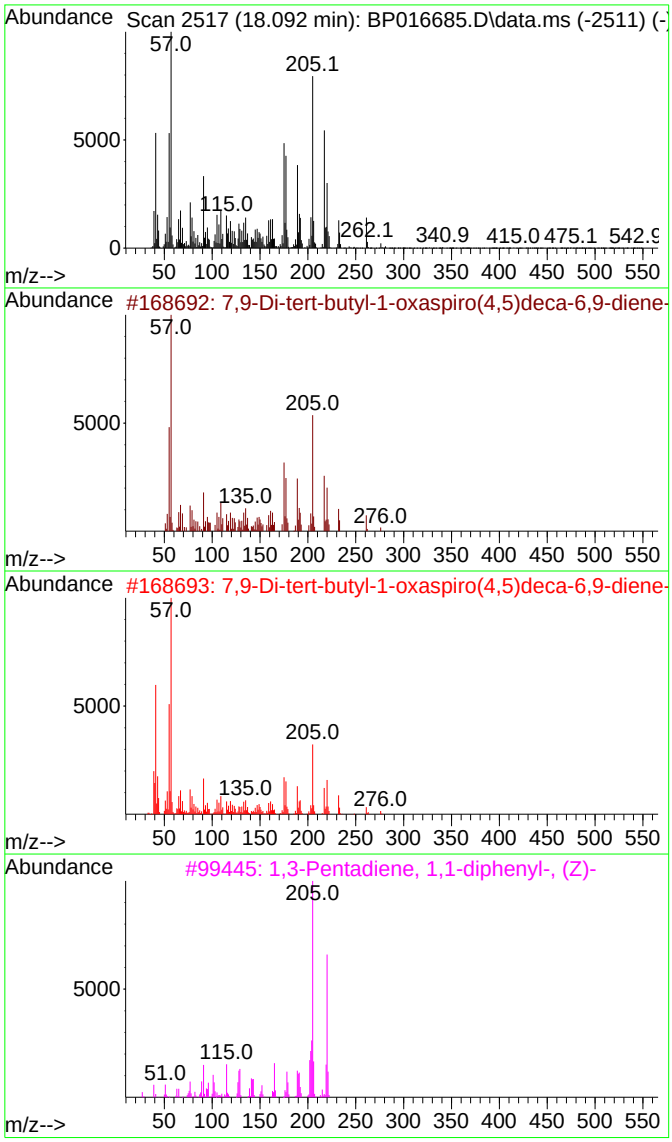
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

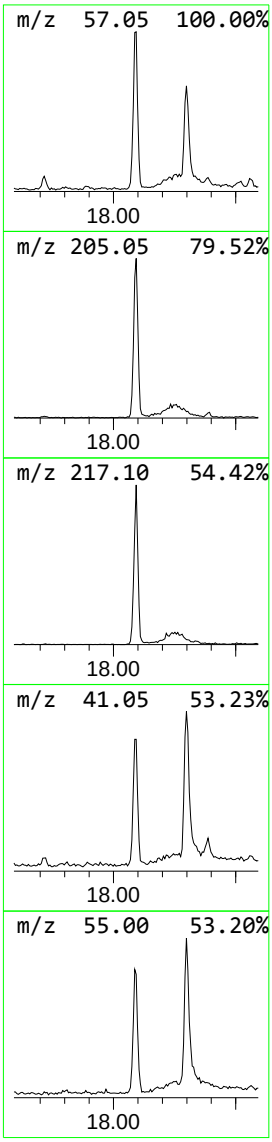
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	2.73 ng/ul	684923	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	45





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Data File : BP016685.D
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Operator : MA/JU
Sample : 04034-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

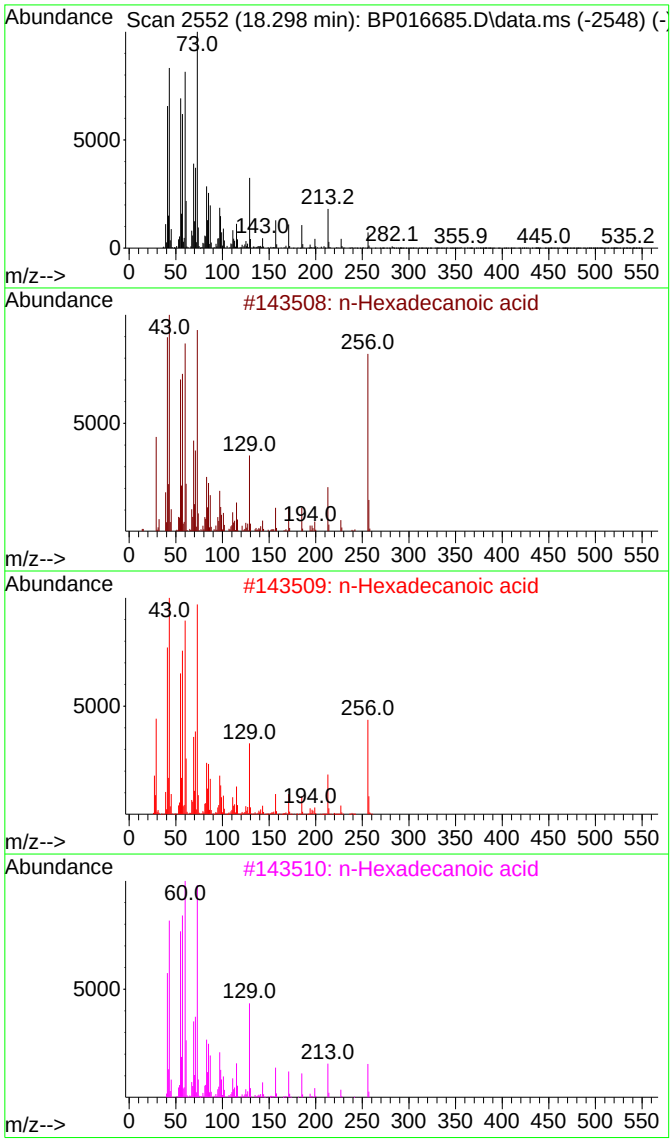
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

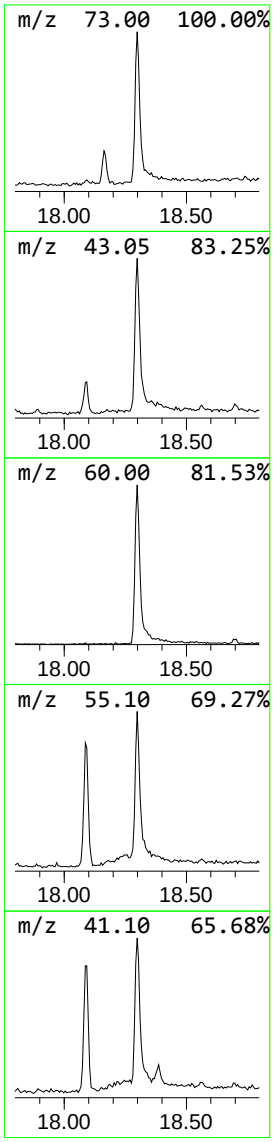
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.14 ng/ul	536305	Phenanthrene-d10	17.463

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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Sample : 04034-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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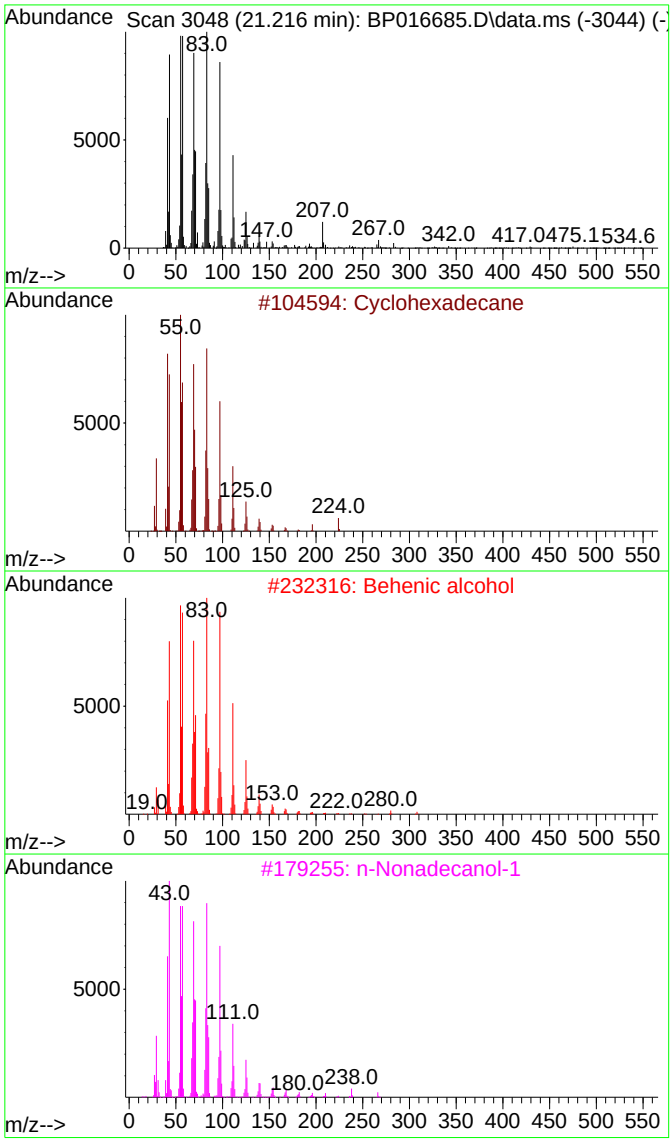
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

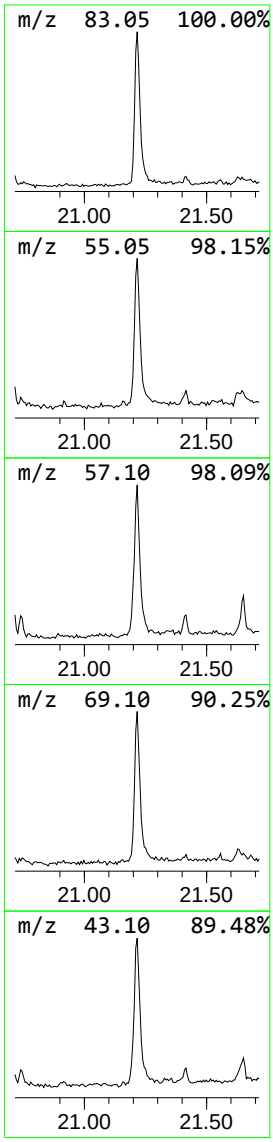
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.216 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	2.36 ng/ul	565074	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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Acq On : 21 Aug 2023 21:22
Operator : MA/JU
Sample : 04034-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

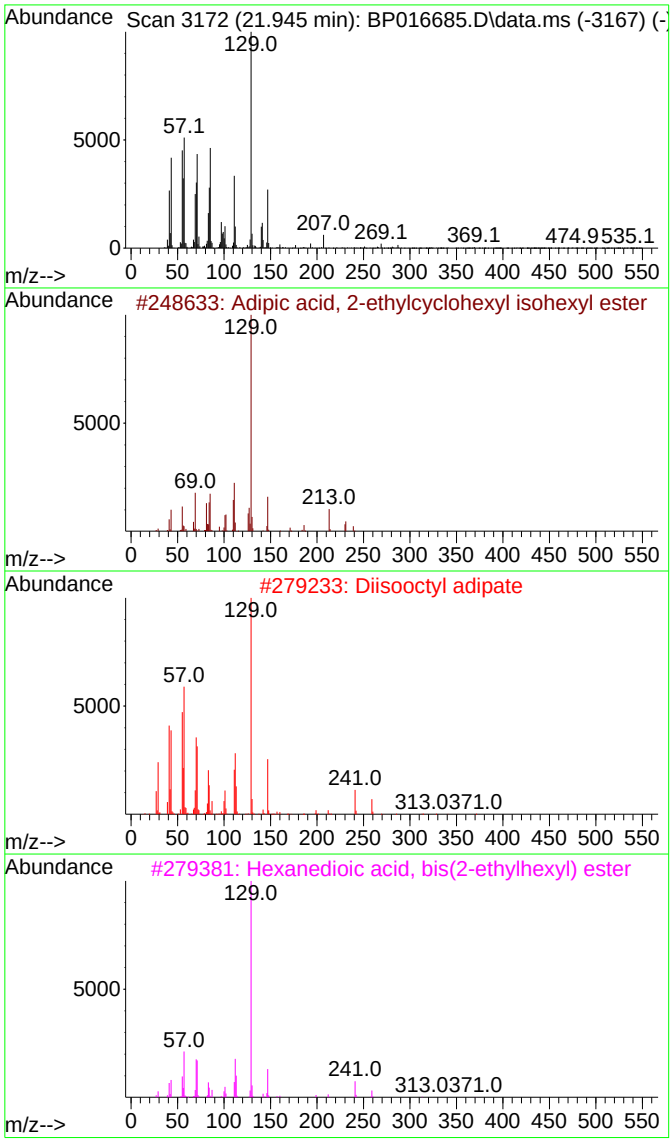
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

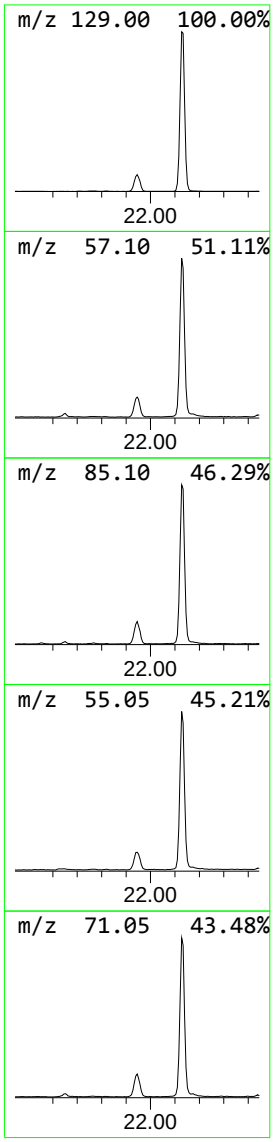
****

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.945	4.77 ng/ul	1141520	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylcyclohexyl i...	340	C20H36O4	1000324-22-7	47
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	46
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	43
4	2-Heptenoic acid, octyl ester	240	C15H28O2	1000406-09-4	41
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	38





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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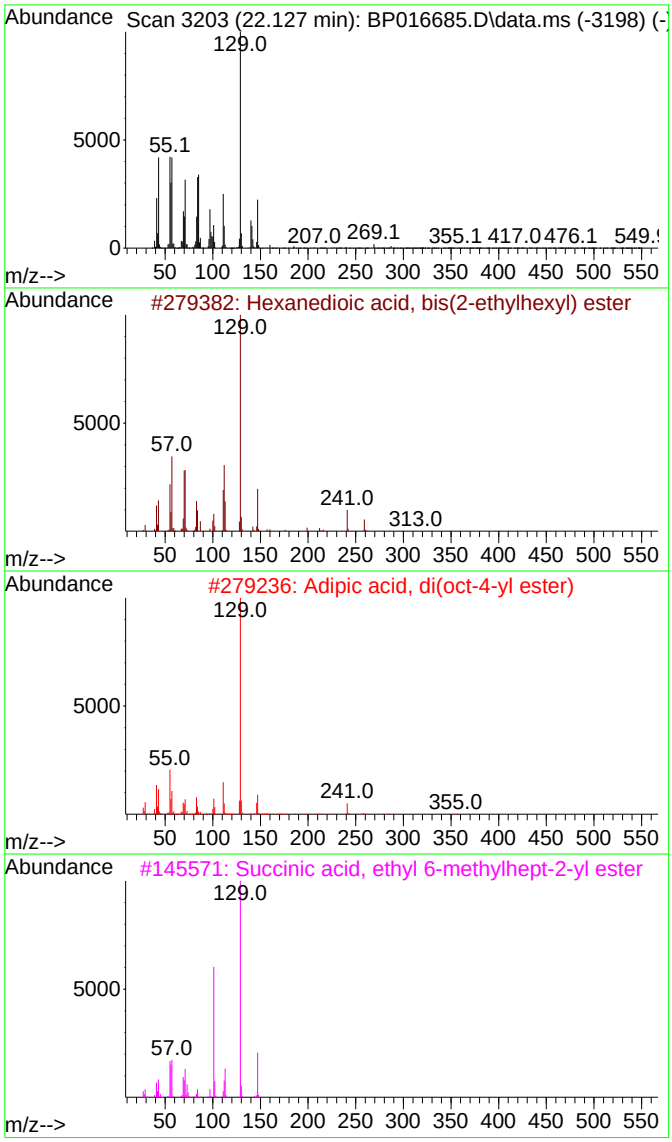
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

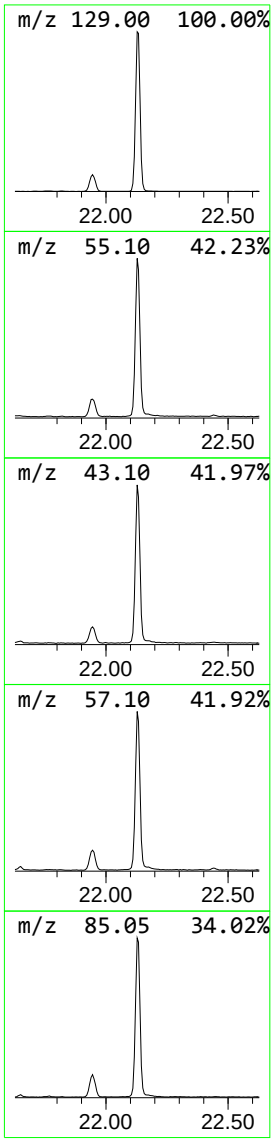
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.128	31.78 ng/ul	7603880	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	52
2	Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	47
3	Succinic acid, ethyl 6-methylhep...	258	C14H26O4	1000381-35-9	43
4	Adipic acid, decyl 4-heptyl ester	384	C23H44O4	1000349-74-4	43
5	Adipic acid, decyl 3-heptyl ester	384	C23H44O4	1000353-65-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016685.D
Acq On : 21 Aug 2023 21:22
Operator : MA/JU
Sample : 04034-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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
Benzophenone	16.063	2.4	ng/ul	491655	3	14.693	4157490	20.0
7,9-Di-tert-but...	18.092	2.7	ng/ul	684923	4	17.463	5008650	20.0
n-Hexadecanoic ...	18.298	2.1	ng/ul	536305	4	17.463	5008650	20.0
(DEL) Alkane: C...	21.216	2.4	ng/ul	565074	5	21.557	4785430	20.0
unknown-01	21.945	4.8	ng/ul	1141520	5	21.557	4785430	20.0
Hexanedioic aci...	22.128	31.8	ng/ul	7603880	5	21.557	4785430	20.0