LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028688.D
Acq On : 09 Feb 2021 17:16
Operator : CG/JU
Sample : M1310-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A58

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_M\METHODS\SOM-EPA-BM011621MA.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	3.205	35	37	47	rVB	3991	5129	1.16%	0.093%
2	3.857	144	148	149	rBV2	397	522	0.12%	0.009%
3	3.881	149	152	161	rVB4	1669	2990	0.68%	0.054%
4	3.981	166	169	173	rBV2	1707	2212	0.50%	0.040%
5	4.228	206	211	216	rBV3	1288	2054	0.47%	0.037%
6	4.340	228	230	235	rBV2	709	643	0.15%	0.012%
7	4.657	280	284	287	rVB2	763	880	0.20%	0.016%
8	4.940	327	332	341	rVB2	5131	9727	2.20%	0.177%
9	5.116	357	362	364	rBV	374	584	0.13%	0.011%
10	7.063	688	693	706	rBB	68233	118089	26.76%	2.145%
11	7.228	715	721	730	rBB	53169	82494	18.69%	1.499%
12	7.422	749	754	763	rBB	73087	115193	26.10%	2.093%
13	7.504	764	768	775	rBV2	5790	9384	2.13%	0.170%
14	7.893	829	834	842	rBB	95154	147743	33.48%	2.684%
15	8.616	951	957	969	rBB	83248	131137	29.72%	2.382%
16	8.734	972	977	982	rBB2	4456	6778	1.54%	0.123%
17	9.069	1028	1034	1043	rBB	63848	100699	22.82%	1.829%
18	9.445	1096	1098	1101	rBB	516	568	0.13%	0.010%
19	9.792	1151	1157	1163	rBV	52168	82830	18.77%	1.505%
20	10.334	1243	1249	1258	rBB	81245	132265	29.97%	2.403%
21	10.704	1305	1312	1320	rBB	129647	209804	47.54%	3.811%
22	10.845	1330	1336	1349	rBV	72425	120676	27.35%	2.192%
23	12.292	1579	1582	1586	rBB2	759	1138	0.26%	0.021%
24	13.151	1724	1728	1730	rBV	822	877	0.20%	0.016%
25	13.957	1860	1865	1870	rBV	136939	184588	41.83%	3.353%
26	14.004	1870	1873	1877	rVB	4447	4857	1.10%	0.088%
27	14.186	1902	1904	1907	rBV3	1841	2116	0.48%	0.038%
28	14.239	1907	1913	1925	rVB	163989	239501	54.27%	4.351%
29	14.545	1959	1965	1973	rBB	182307	269581	61.09%	4.897%
30	14.763	1997	2002	2012	rVB	47532	70244	15.92%	1.276%
31	15.210	2075	2078	2082	rBB	354	504	0.11%	0.009%
32	15.333	2096	2099	2101	rBV	1401	1698	0.38%	0.031%
33	15.363	2101	2104	2109	rVB	8329	10257	2.32%	0.186%
34	15.539	2128	2134	2142	rVB	203587	284367	64.44%	5.166%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : C0A58

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Title : SVOA CALIBRATION

35	15.668	2152	2156	2163	rVB	43668	59222	13.42%	1.076%
36	15.774	2170	2174	2178	rVB	1454	1715	0.39%	0.031%
37	16.239	2251	2253	2256	rBV	537	505	0.11%	0.009%
38	16.504	2295	2298	2301	rBV	1319	1461	0.33%	0.027%
39	17.010	2381	2384	2386	rBV3	593	677	0.15%	0.012%
40	17.074	2391	2395	2400	rVB3	580	1190	0.27%	0.022%
41	17.192	2410	2415	2417	rBV3	1366	1892	0.43%	0.034%
42	17.286	2424	2431	2436	rBV	219296	305127	69.14%	5.543%
43	17.327	2436	2438	2441	rVV3	1327	1527	0.35%	0.028%
44	17.380	2441	2447	2457	rVB	225284	303667	68.81%	5.517%
45	17.498	2465	2467	2470	rVB3	679	535	0.12%	0.010%
46	17.557	2472	2477	2485	rVB2	2214	3589	0.81%	0.065%
47	17.662	2493	2495	2497	rVB2	742	508	0.12%	0.009%
48	17.757	2508	2511	2516	rBV4	1026	1498	0.34%	0.027%
49	17.792	2516	2517	2523	rVB2	612	754	0.17%	0.014%
50	17.933	2539	2541	2546	rVB2	625	712	0.16%	0.013%
51	18.045	2555	2560	2565	rBV3	2742	5462	1.24%	0.099%
52	18.115	2568	2572	2573	rVB3	1080	1196	0.27%	0.022%
53	18.162	2573	2580	2589	rBV	56984	79443	18.00%	1.443%
54	18.233	2589	2592	2596	rVB	2995	4061	0.92%	0.074%
55	18.380	2615	2617	2619	rVB2	866	720	0.16%	0.013%
56	18.409	2619	2622	2624	rBV3	579	683	0.15%	0.012%
57	18.462	2624	2631	2632	rBV3	897	1778	0.40%	0.032%
58	18.592	2649	2653	2656	rVB4	819	990	0.22%	0.018%
59	18.651	2659	2663	2666	rBV3	2133	3332	0.76%	0.061%
60	18.751	2674	2680	2684	rBV4	4380	8142	1.84%	0.148%
61	18.845	2694	2696	2697	rBV2	1135	626	0.14%	0.011%
62	18.915	2703	2708	2712	rBV	18134	23675	5.36%	0.430%
63	18.968	2712	2717	2719	rBV6	1885	2276	0.52%	0.041%
64	19.004	2719	2723	2727	rBV3	3572	5982	1.36%	0.109%
65	19.062	2731	2733	2734	rBV2	1593	1053	0.24%	0.019%
66	19.321	2769	2777	2780	rBV6	14793	31752	7.19%	0.577%
67	19.433	2792	2796	2800	rBV	33780	52372	11.87%	0.951%
68	19.662	2830	2835	2840	rBV	279317	398936	90.40%	7.247%
69	20.292	2914	2942	2944	rBV2	83135	441309	100.00%	8.017%
70	20.756	3018	3021	3025	rVB	35208	40282	9.13%	0.732%
71	21.133	3082	3085	3097	rVB3	94054	158049	35.81%	2.871%

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

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Title : SVOA CALIBRATION

72	21.433	3131	3136	3146	rVB	288625	386290	87.53%	7.017%
73	23.527	3486	3492	3499	rBV	237231	413747	93.75%	7.516%
74	23.668	3510	3516	3527	rVB2	207919	405812	91.96%	7.372%

Sum of corrected areas: 5504676

LSC Report - Integrated Chromatogram

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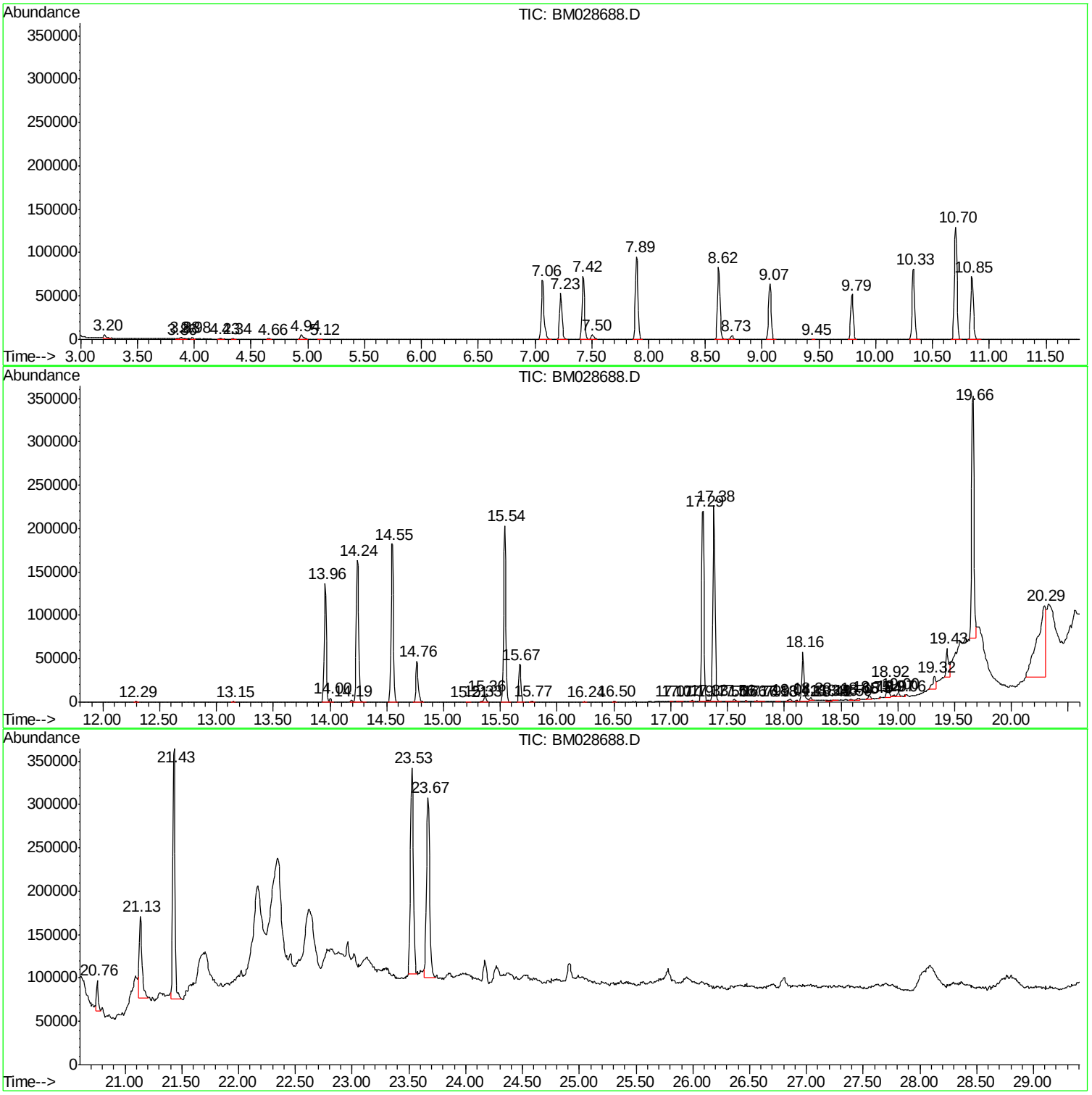
Sample : M1310-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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 M\DATA\BM020921\
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Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

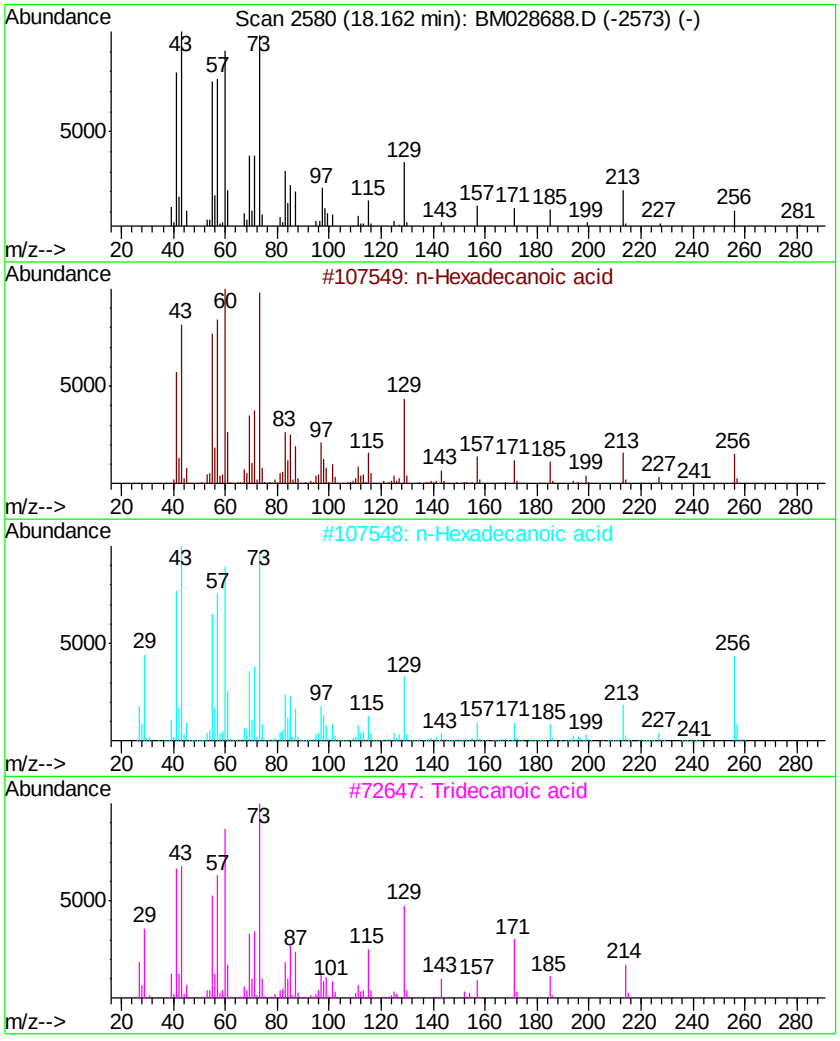
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

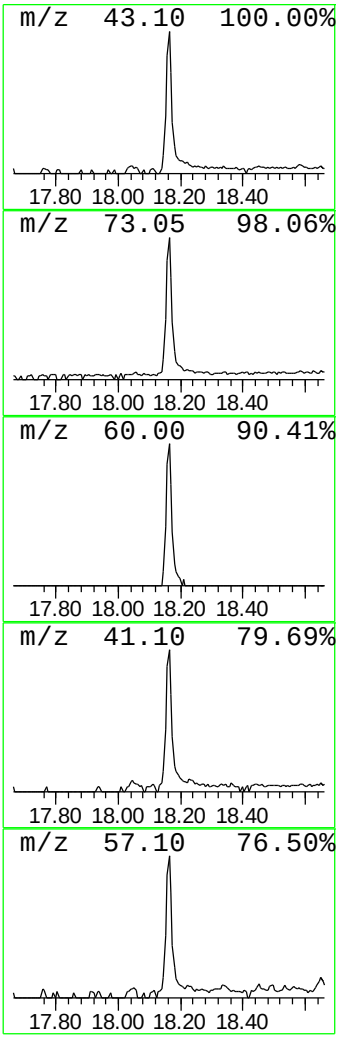
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.21 ng/ul	79443	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A58

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Quant Title : SVOA CALIBRATION

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

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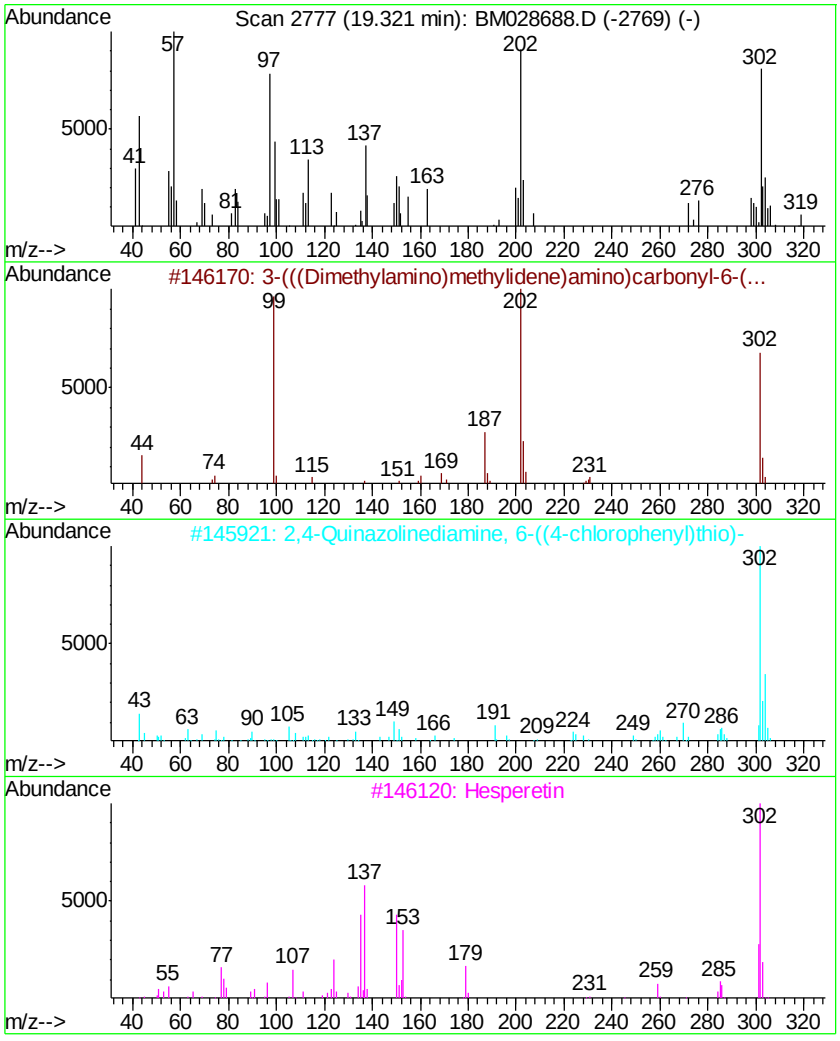
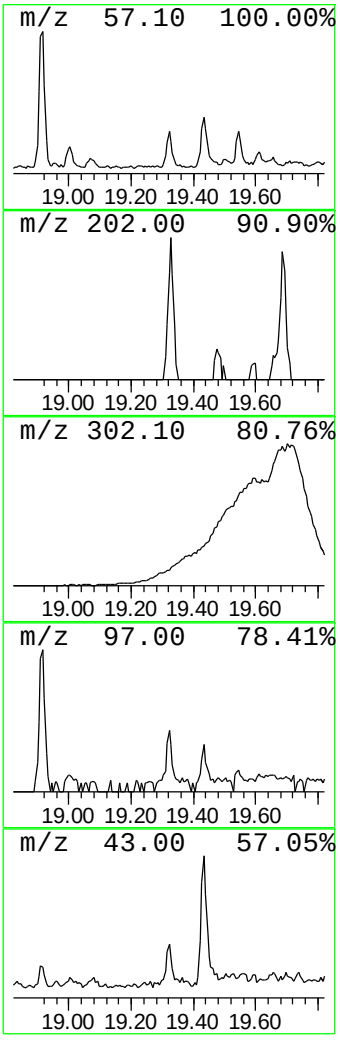
Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.08 ng/ul	31752	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(((Dimethylamino)methylidene)a...	302	C16H18N2O2S	059507-78-7	43
2	2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	14
3	Hesperetin	302	C16H14O6	000520-33-2	12
4	6-Hydroxy-7-isopropyl-1,4a-dimet...	302	C20H30O2	022595-48-8	11
5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	11





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0A58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

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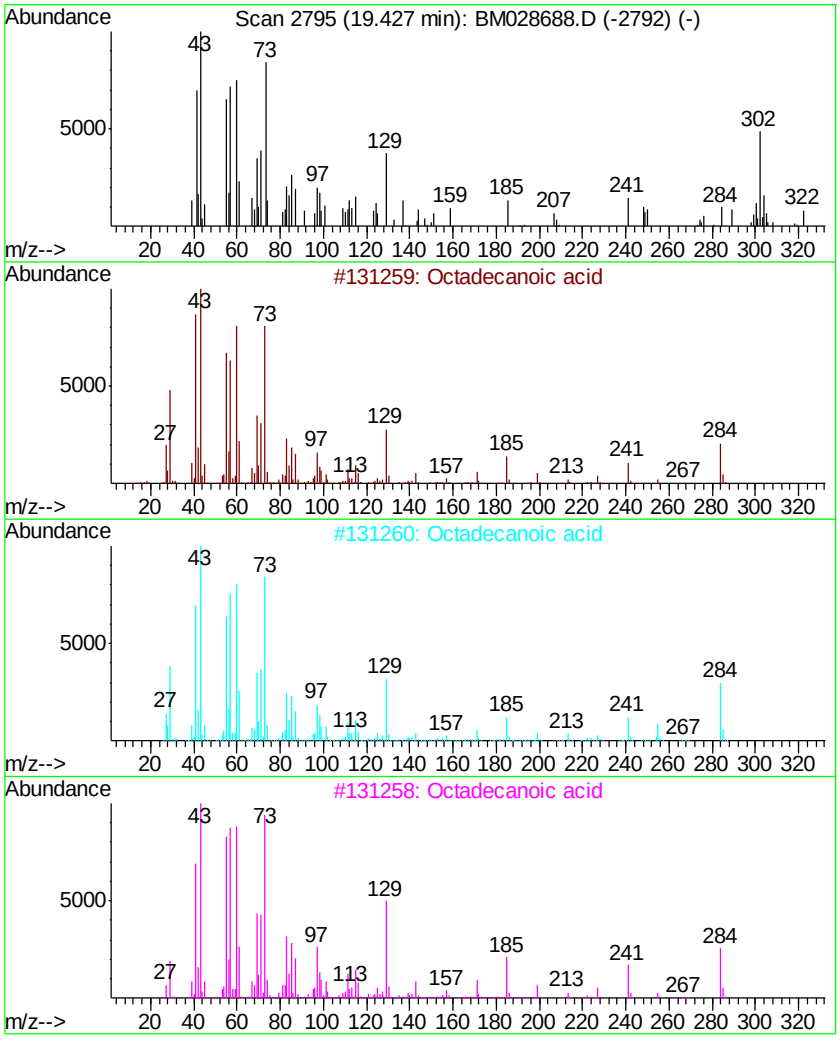
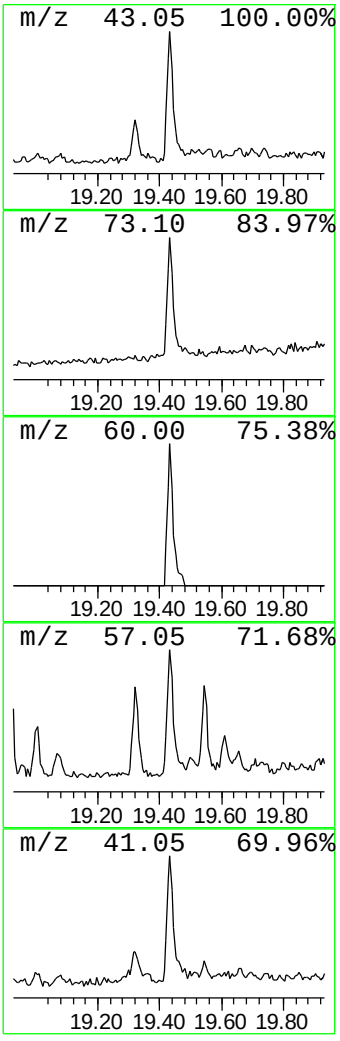
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.71 ng/ul	52372	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	49





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Quant Title : SVOA CALIBRATION

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

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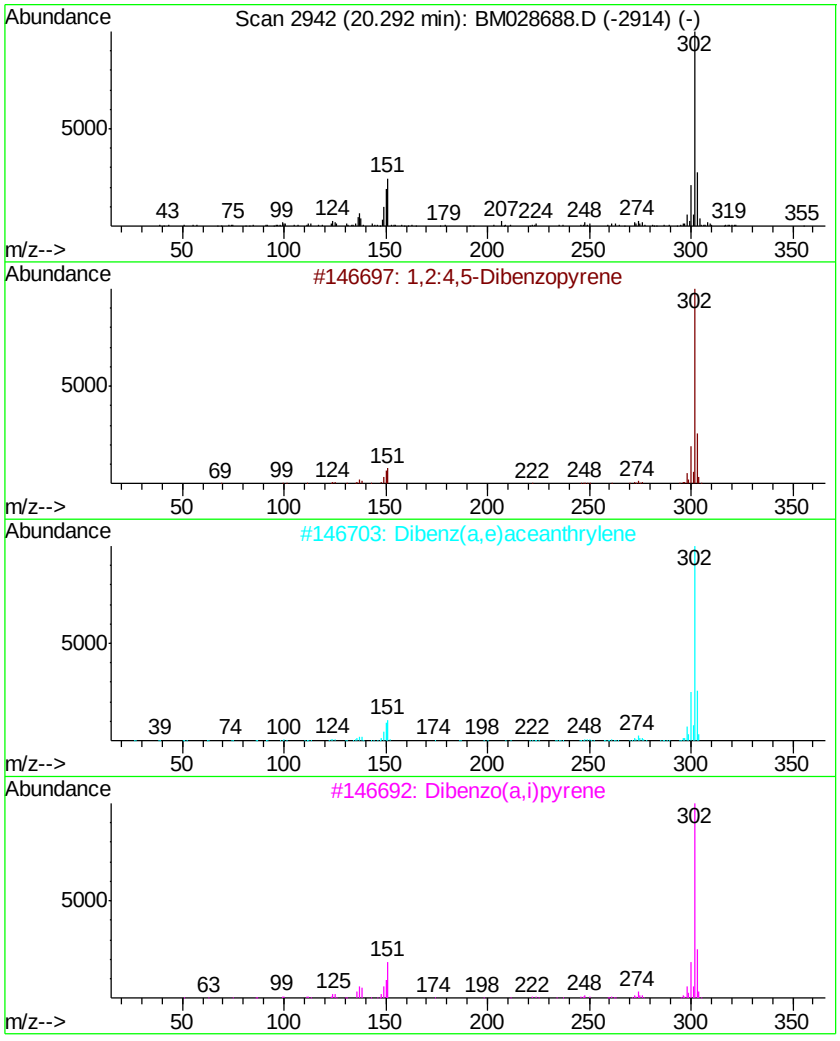
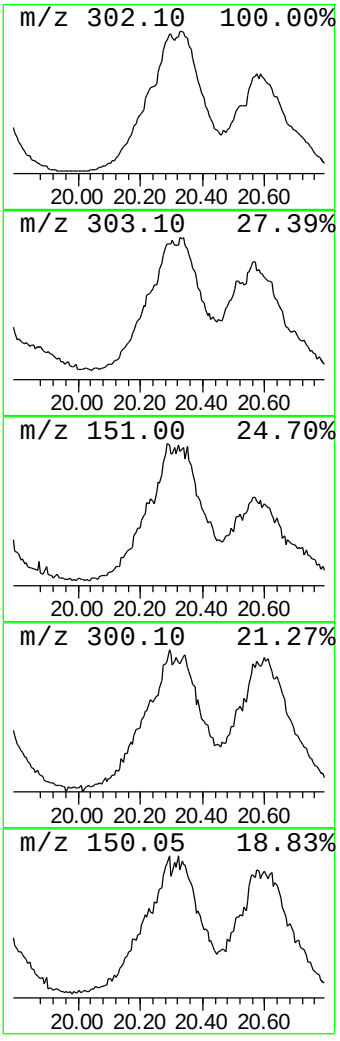
Peak Number 4 1,2:4,5-Dibenzopyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	22.85 ng/ul	441309	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	98
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

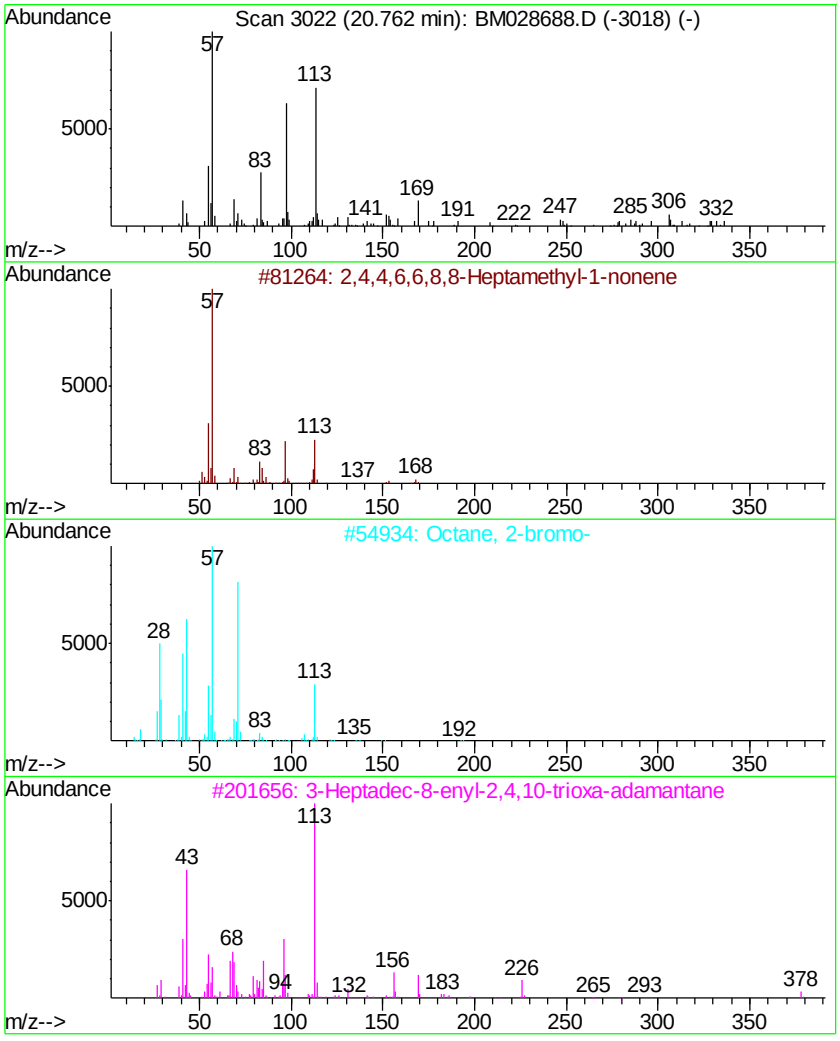
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

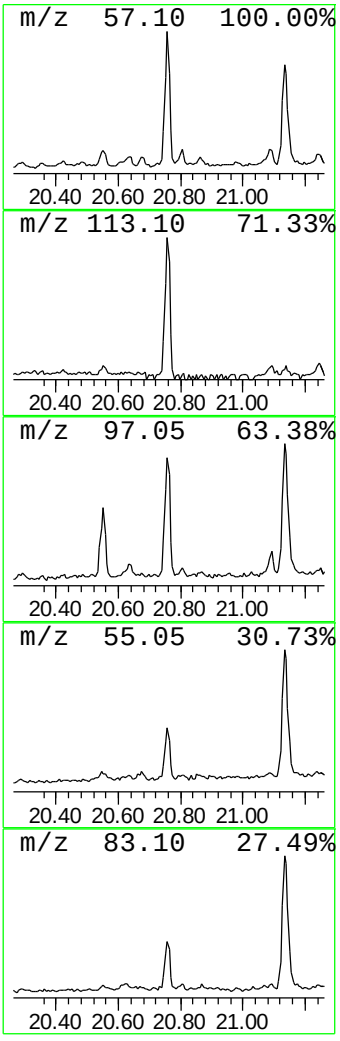
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.09 ng/ul	40282	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	3-Heptadec-8-enyl-2,4,10-trioxa-...	378	C24H42O3	1000189-57-5	32
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	25
5	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	25





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

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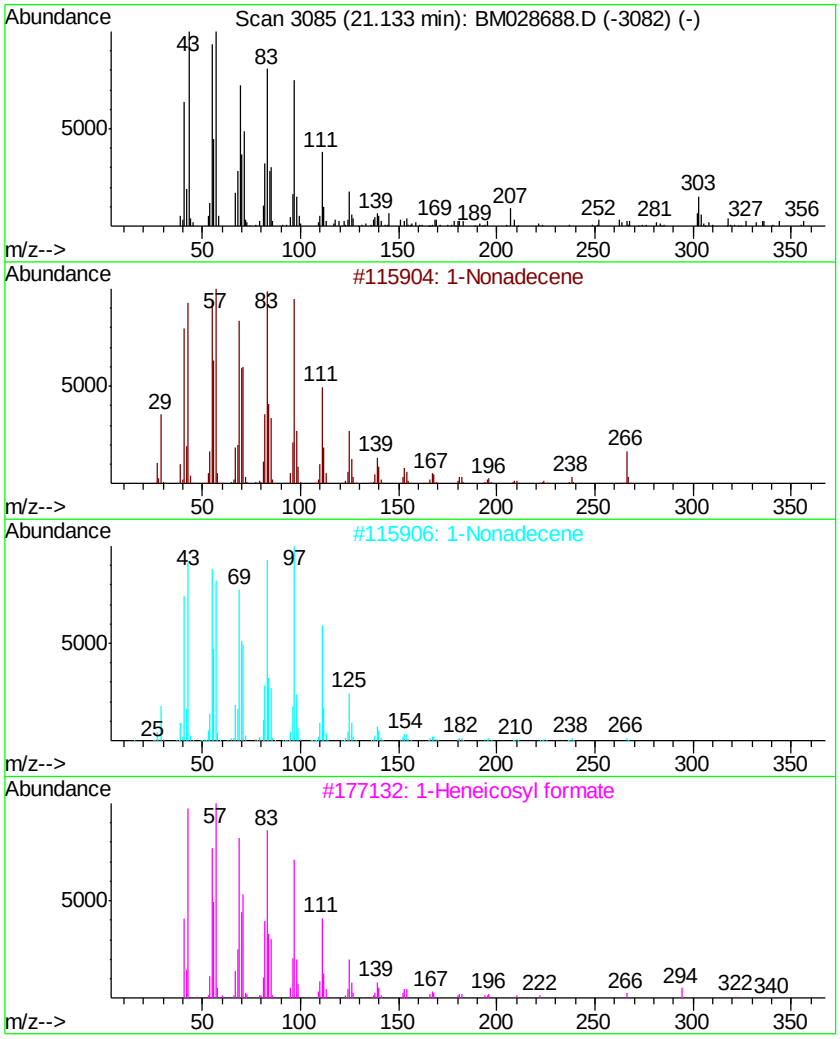
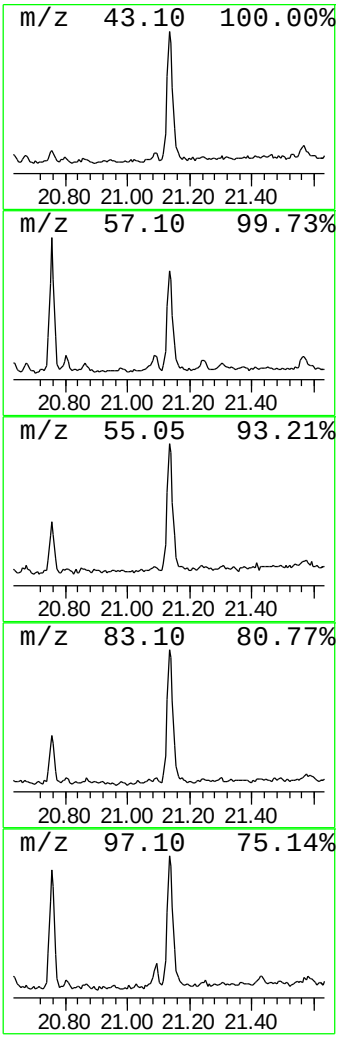
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	8.18 ng/ul	158049	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	1-Docosene	308	C22H44	001599-67-3	94
5	Cyclotetracosane	336	C24H48	000297-03-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020921\
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Instrument : BNA_M
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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
n-Hexadecanoic acid	18.16	5.2	ng/ul	79443	4	17.29	305127	20.0
unknown-01	19.32	2.1	ng/ul	31752	4	17.29	305127	20.0
Octadecanoic acid	19.43	2.7	ng/ul	52372	5	21.43	386290	20.0
1,2:4,5-Dibenzopy...	20.29	22.9	ng/ul	441309	5	21.43	386290	20.0
(DEL) Alkane: Str...	20.76	2.1	ng/ul	40282	5	21.43	386290	20.0
(DEL) Alkane: Str...	21.13	8.2	ng/ul	158049	5	21.43	386290	20.0