LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004781.D
Acq On : 17 Feb 2021 19:42
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGY6

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	3.258	8	12	20	rBV4	5463	8848	1.22%	0.105%
2	3.658	78	80	85	rBV6	1691	2700	0.37%	0.032%
3	3.887	116	119	124	rVB5	3884	6437	0.89%	0.077%
4	3.981	130	135	140	rVB2	6009	8855	1.22%	0.105%
5	4.128	157	160	161	rBV3	1394	1131	0.16%	0.013%
6	4.505	221	224	226	rBV4	1281	1388	0.19%	0.017%
7	4.605	237	241	243	rBV5	1355	1534	0.21%	0.018%
8	4.893	284	290	297	rBV5	4769	10006	1.38%	0.119%
9	5.034	313	314	319	rBV5	1293	1535	0.21%	0.018%
10	5.275	354	355	360	rVB5	1540	1174	0.16%	0.014%
11	5.487	387	391	394	rVB4	1430	1430	0.20%	0.017%
12	5.875	455	457	461	rVB5	1162	1329	0.18%	0.016%
13	6.140	500	502	506	rVB4	1157	1097	0.15%	0.013%
14	6.175	506	508	512	rVB5	1381	2042	0.28%	0.024%
15	6.205	512	513	517	rBV3	1121	1686	0.23%	0.020%
16	6.252	517	521	524	rVB5	1353	1596	0.22%	0.019%
17	6.940	628	638	650	rBV	83082	152165	21.04%	1.811%
18	7.099	660	665	675	rVB	61493	99029	13.70%	1.179%
19	7.299	692	699	707	rVV	94756	151528	20.96%	1.804%
20	7.387	709	714	720	rVV9	3073	6092	0.84%	0.073%
21	7.511	731	735	737	rBV5	1037	1564	0.22%	0.019%
22	7.663	757	761	764	rBV5	964	1513	0.21%	0.018%
23	7.763	771	778	788	rBV	192378	308923	42.72%	3.677%
24	7.910	798	803	806	rVB7	998	1287	0.18%	0.015%
25	8.005	818	819	823	rBV4	1044	1104	0.15%	0.013%
26	8.093	830	834	837	rBV6	1019	1464	0.20%	0.017%
27	8.481	891	900	909	rBV	96599	163664	22.63%	1.948%
28	8.552	911	912	914	rVV2	1204	1151	0.16%	0.014%
29	8.587	914	918	926	rVB2	11303	17995	2.49%	0.214%
30	8.681	932	934	937	rBV3	1112	1162	0.16%	0.014%
31	8.922	965	975	983	rBV	78050	130199	18.01%	1.550%
32	8.987	985	986	989	rVV3	1237	1148	0.16%	0.014%
33	9.016	989	991	997	rVB6	1335	1379	0.19%	0.016%
34	9.352	1043	1048	1053	rVB7	2981	4430	0.61%	0.053%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGY6

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

35	9.528	1073	1078	1079	rBV5	1058	1241	0.17%	0.015%
36	9.640	1088	1097	1104	rBV	67968	115574	15.98%	1.376%
37	9.869	1133	1136	1139	rBV5	1157	1172	0.16%	0.014%
38	10.116	1175	1178	1183	rBV7	1001	1424	0.20%	0.017%
39	10.187	1183	1190	1199	rBV	99856	173744	24.03%	2.068%
40	10.275	1203	1205	1209	rVB5	1082	1288	0.18%	0.015%
41	10.328	1211	1214	1217	rBV4	1255	1512	0.21%	0.018%
42	10.434	1228	1232	1234	rVB4	980	1093	0.15%	0.013%
43	10.475	1236	1239	1243	rBV6	992	1295	0.18%	0.015%
44	10.557	1246	1253	1261	rVV	239677	395238	54.66%	4.705%
45	10.699	1270	1277	1291	rBV	75977	145739	20.15%	1.735%
46	10.793	1291	1293	1296	rVV4	1363	1555	0.22%	0.019%
47	10.816	1296	1297	1304	rVB7	796	1399	0.19%	0.017%
48	10.969	1320	1323	1328	rVB7	637	1121	0.16%	0.013%
49	11.093	1341	1344	1349	rBV6	880	1295	0.18%	0.015%
50	11.934	1484	1487	1491	rBV5	996	1140	0.16%	0.014%
51	12.151	1521	1524	1528	rVB5	2427	2817	0.39%	0.034%
52	12.263	1541	1543	1549	rVB6	913	1338	0.19%	0.016%
53	12.569	1592	1595	1599	rBV6	955	1314	0.18%	0.016%
54	12.640	1603	1607	1610	rBV6	857	1416	0.20%	0.017%
55	12.775	1624	1630	1631	rBV6	950	1315	0.18%	0.016%
56	13.063	1675	1679	1681	rBV4	848	1181	0.16%	0.014%
57	13.240	1704	1709	1711	rBV6	2037	3028	0.42%	0.036%
58	13.310	1717	1721	1727	rVB7	2191	4207	0.58%	0.050%
59	13.822	1802	1808	1813	rBV	184389	257773	35.65%	3.069%
60	13.869	1813	1816	1825	rVB	13927	21548	2.98%	0.257%
61	14.104	1845	1856	1867	rBV	197727	299012	41.35%	3.559%
62	14.316	1888	1892	1896	rBV7	2011	3213	0.44%	0.038%
63	14.410	1900	1908	1916	rBV	334744	491122	67.92%	5.846%
64	14.628	1940	1945	1956	rBV	55732	108225	14.97%	1.288%
65	14.845	1977	1982	1987	rBV9	3060	4881	0.68%	0.058%
66	14.957	1998	2001	2002	rBV3	1193	1140	0.16%	0.014%
67	15.045	2012	2016	2017	rBV4	1139	1380	0.19%	0.016%
68	15.228	2045	2047	2050	rBV4	1114	1513	0.21%	0.018%
69	15.269	2052	2054	2058	rVB5	1046	1407	0.19%	0.017%
70	15.410	2072	2078	2087	rVB	253557	358772	49.62%	4.271%
71	15.522	2091	2097	2107	rBV	78431	116700	16.14%	1.389%

LSC Area Percent Report

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Sample : M1379-06
Misc :
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Instrument : BNA_P
ClientSampleId : DBGY6

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

72	15.651	2115	2119	2121	rBV4	3509	4087	0.57%	0.049%
73	15.757	2134	2137	2138	rBV3	2255	1819	0.25%	0.022%
74	15.881	2154	2158	2159	rBV4	1257	1427	0.20%	0.017%
75	16.134	2199	2201	2205	rVB5	1252	1727	0.24%	0.021%
76	16.287	2222	2227	2228	rBV5	1133	1835	0.25%	0.022%
77	16.404	2241	2247	2253	rBV5	2685	5621	0.78%	0.067%
78	16.957	2337	2341	2343	rBV4	2913	3191	0.44%	0.038%
79	17.169	2371	2377	2388	rBV	388877	559400	77.36%	6.659%
80	17.263	2388	2393	2403	rBV2	302867	428011	59.19%	5.095%
81	17.539	2438	2440	2442	rBV3	2856	2338	0.32%	0.028%
82	17.657	2458	2460	2461	rBV2	2589	1599	0.22%	0.019%
83	18.004	2516	2519	2522	rBV5	4944	6633	0.92%	0.079%
84	18.063	2525	2529	2540	rBV2	44589	76122	10.53%	0.906%
85	18.275	2560	2565	2571	rBV2	40072	52494	7.26%	0.625%
86	18.439	2588	2593	2598	rBV	85522	115981	16.04%	1.381%
87	18.616	2619	2623	2632	rVB	140831	176487	24.41%	2.101%
88	18.698	2635	2637	2639	rVB3	7234	5250	0.73%	0.062%
89	18.757	2644	2647	2652	rVB3	19627	24084	3.33%	0.287%
90	19.233	2725	2728	2733	rVB2	36357	45523	6.30%	0.542%
91	19.504	2769	2774	2780	rBV	435777	573334	79.29%	6.825%
92	19.939	2843	2848	2855	rVB	236304	289993	40.10%	3.452%
93	20.151	2882	2884	2888	rVB5	19001	18704	2.59%	0.223%
94	20.257	2900	2902	2907	rVB3	18409	18707	2.59%	0.223%
95	20.963	3019	3022	3030	rBV2	105582	151562	20.96%	1.804%
96	21.057	3035	3038	3043	rVB4	64088	79253	10.96%	0.943%
97	21.163	3054	3056	3061	rVB	29867	33879	4.69%	0.403%
98	21.251	3066	3071	3077	rBV	569185	723095	100.00%	8.608%
99	23.410	3432	3438	3449	rVB	312840	650068	89.90%	7.738%
100	23.557	3457	3463	3473	rVB2	369789	720532	99.65%	8.577%

Sum of corrected areas: 8400473

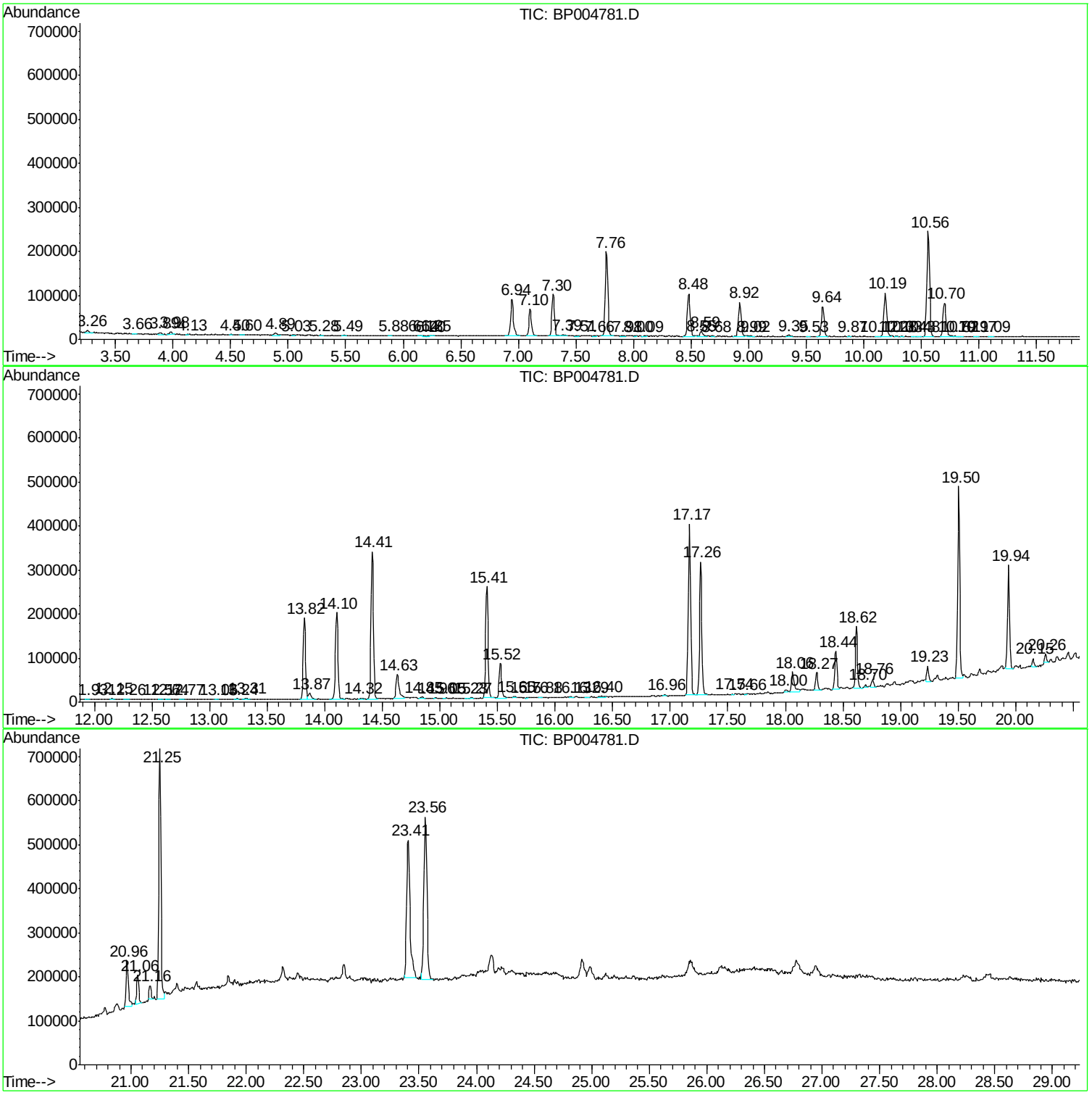
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004781.D
Acq On : 17 Feb 2021 19:42
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGY6

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\BP021721\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

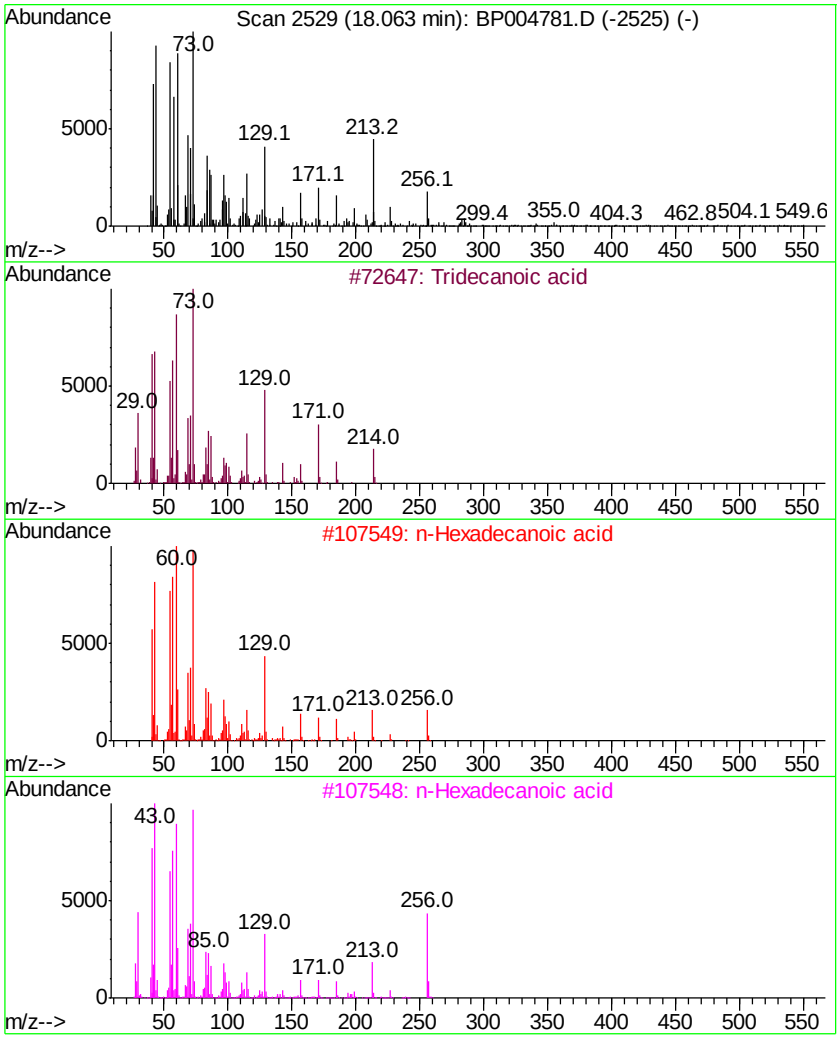
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

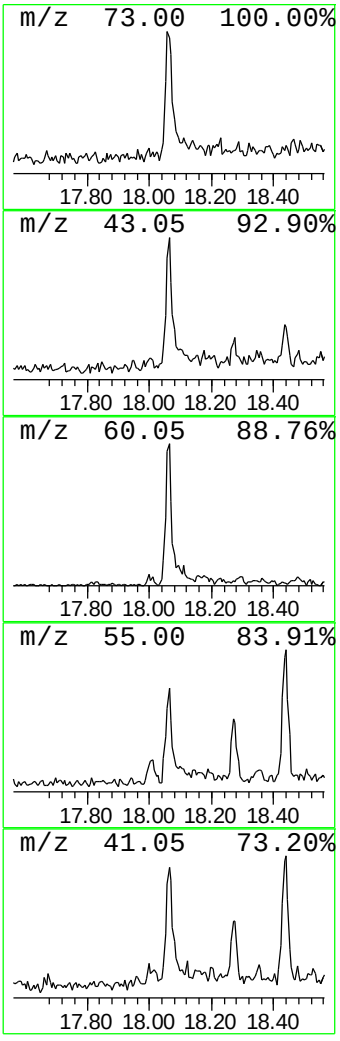
****

Peak Number 1 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.72 ng/ul	76122	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Library Search Compound Report

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Acq On : 17 Feb 2021 19:42
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Misc :
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Instrument : BNA_P
ClientSampleId : DBGY6

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

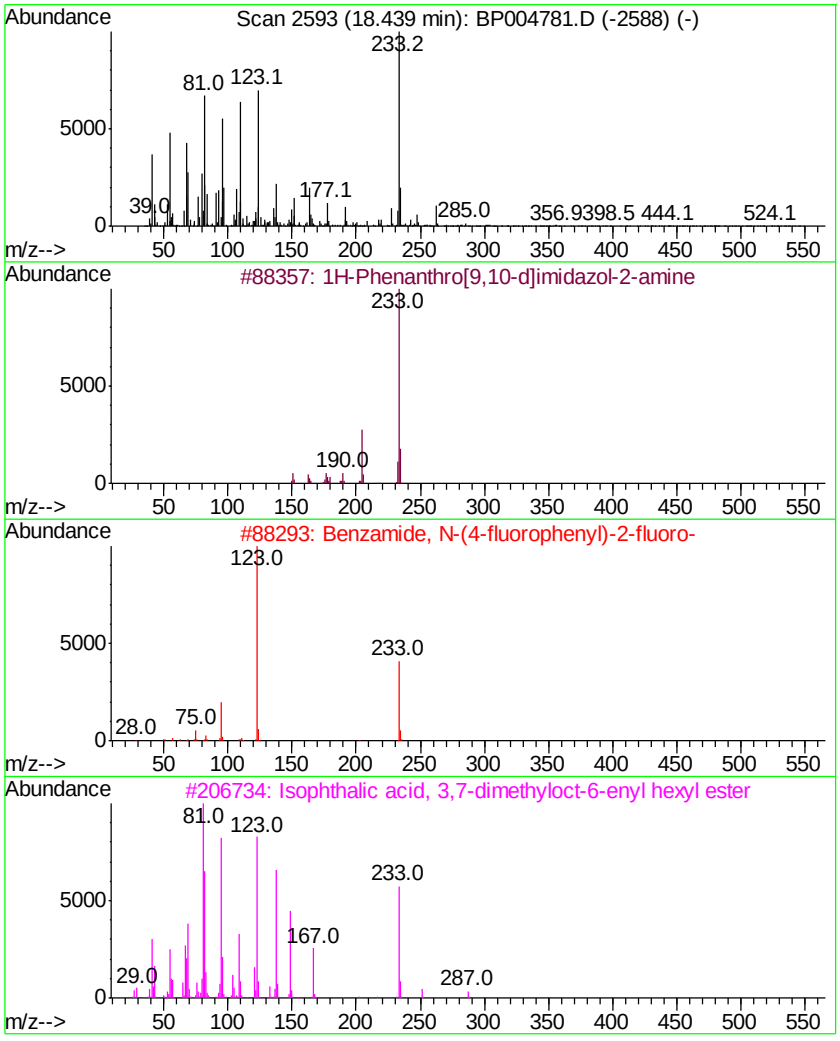
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

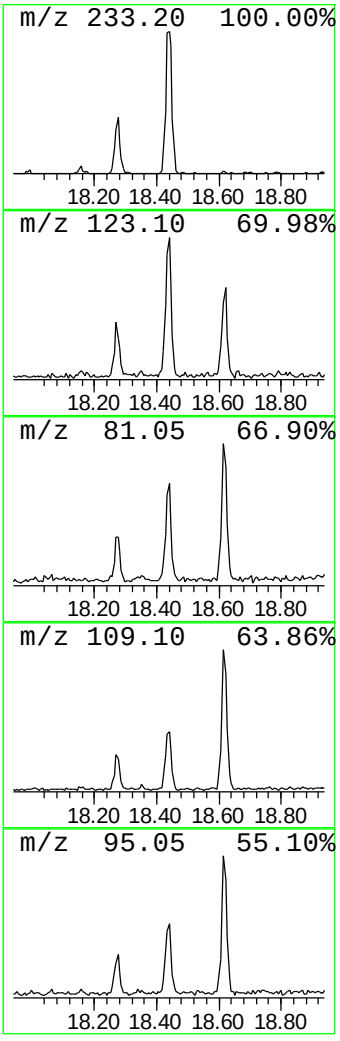
****

Peak Number 2 1H-Phenanthro[9,10-d]imidaz... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	4.15 ng/ul	115981	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	50
2	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	38
3	Isophthalic acid, 3,7-dimethyloc...	388	C24H36O4	1000356-74-0	25
4	3,5-Dichlorobenzyl alcohol, (3-c...	301	C13H17Cl2NOSi	1000376-10-3	18
5	Glutaric acid, di(2-isopropylphe...	368	C23H28O4	1000358-86-3	16





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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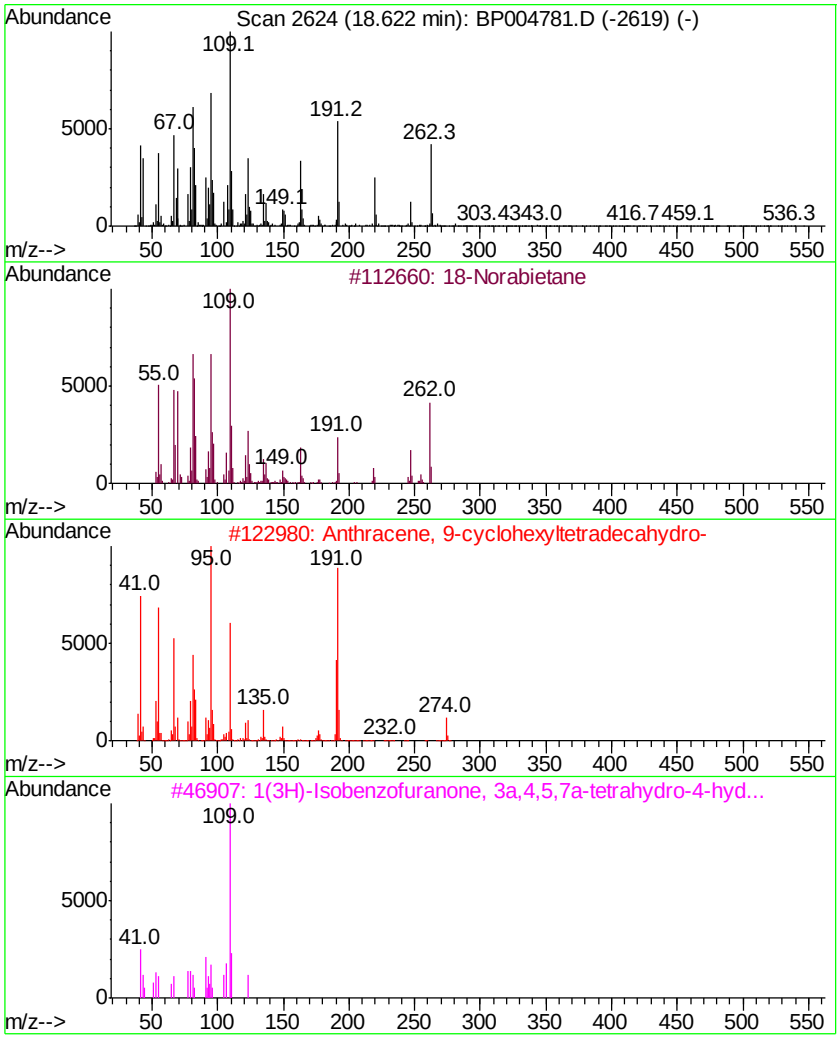
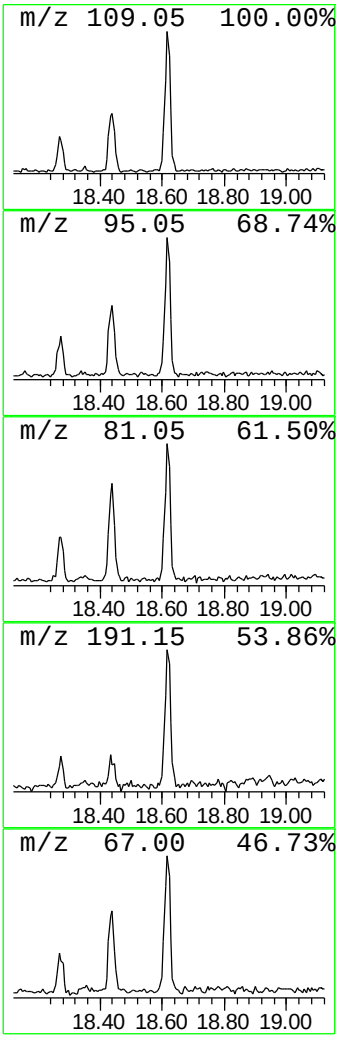
Peak Number 3 18-Norabietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	6.31 ng/ul	176487	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	86
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32
3	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	27
4	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	27
5	Pyrazol-4-amine, 1-(4-fluorobenz...	219	C12H14FN3	1000272-83-8	16





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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

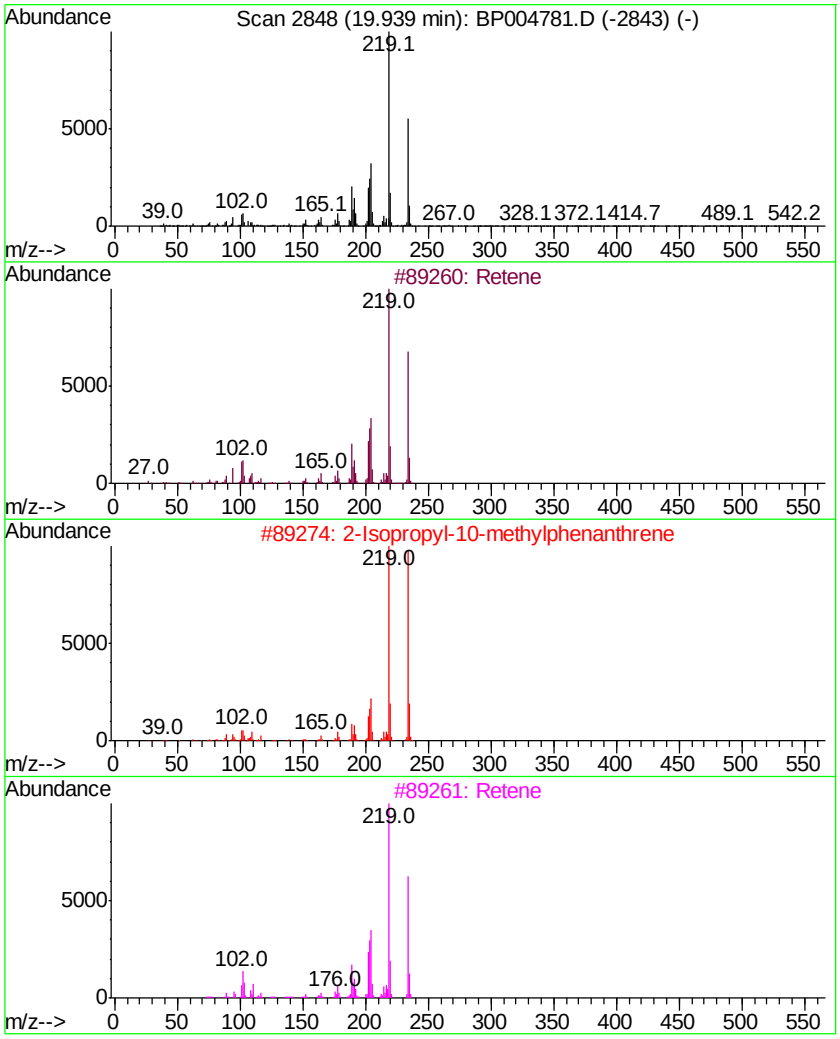
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

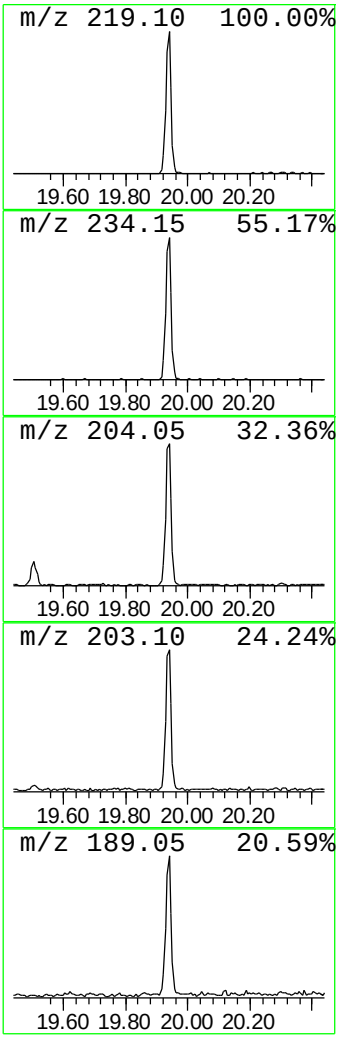
****

Peak Number 4 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	8.02 ng/ul	289993	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Retene	234	C18H18	000483-65-8	94
4	Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	83
5	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	83





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGY6

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

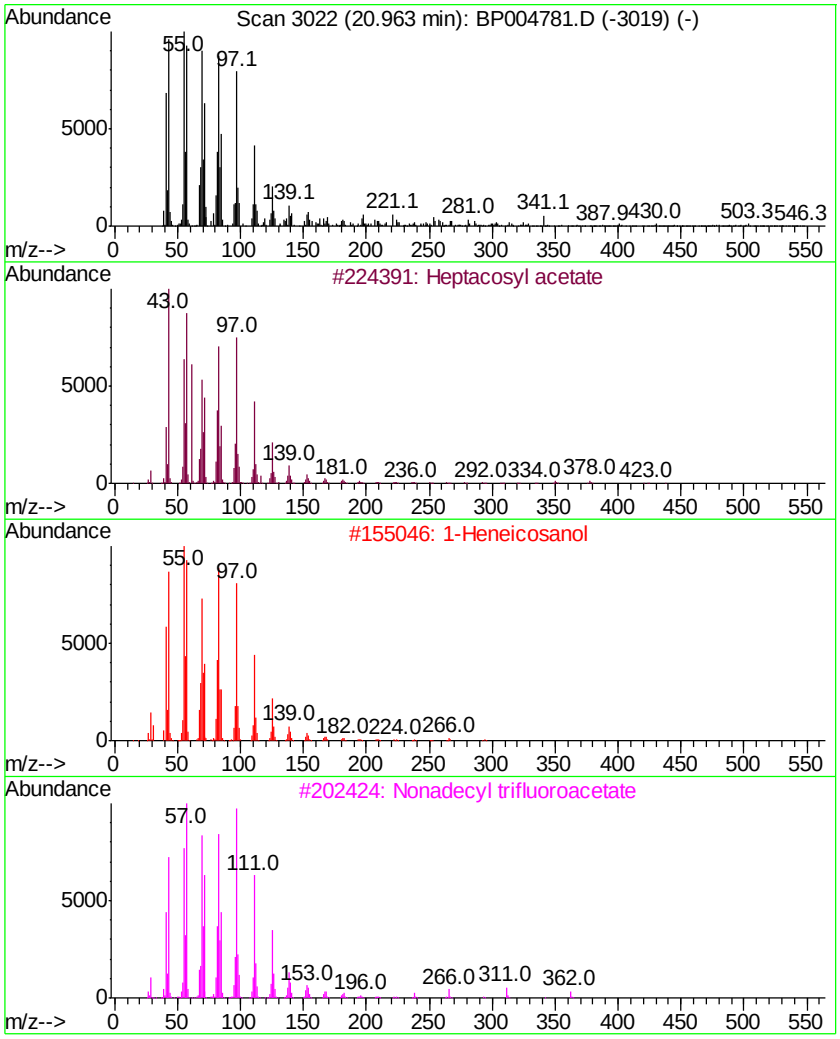
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

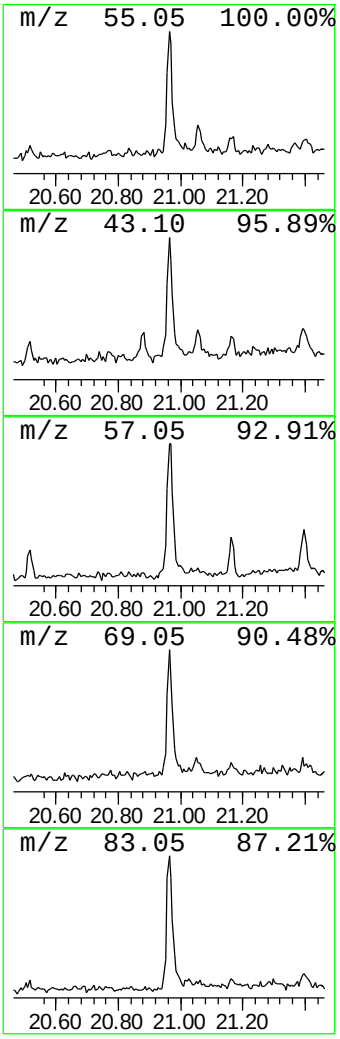
****

Peak Number 5 Heptacosyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.19 ng/ul	151562	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004781.D
Acq On : 17 Feb 2021 19:42
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGY6

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

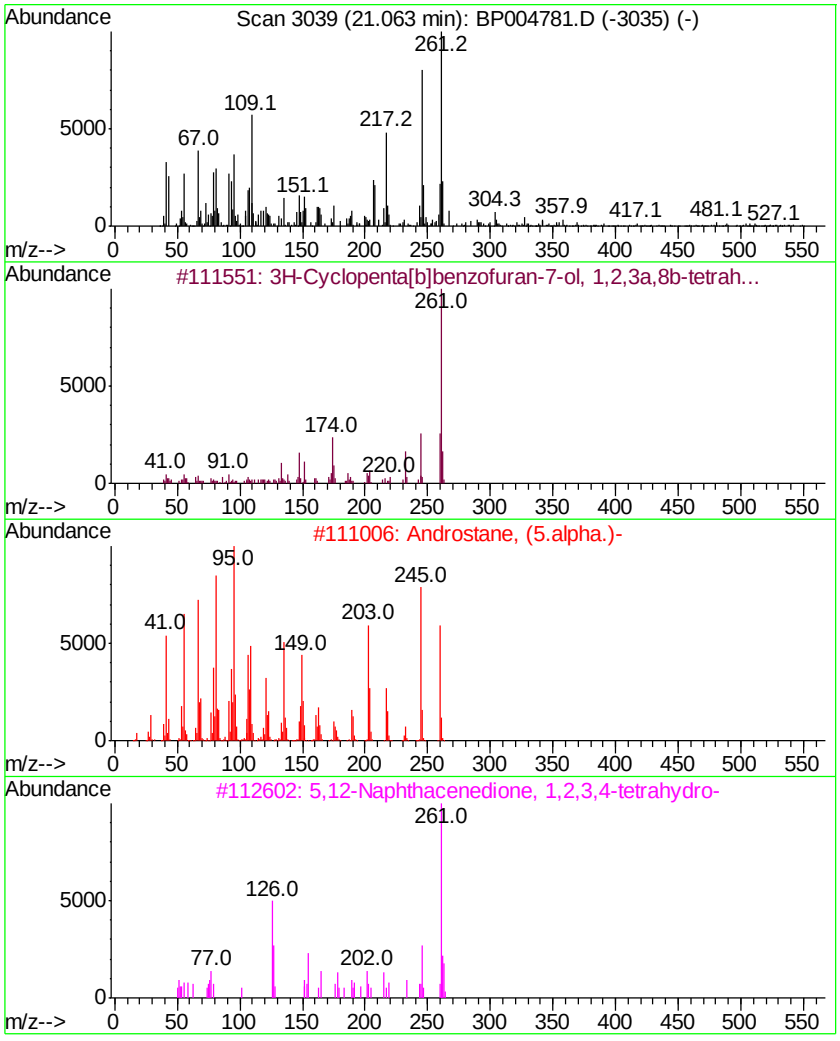
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

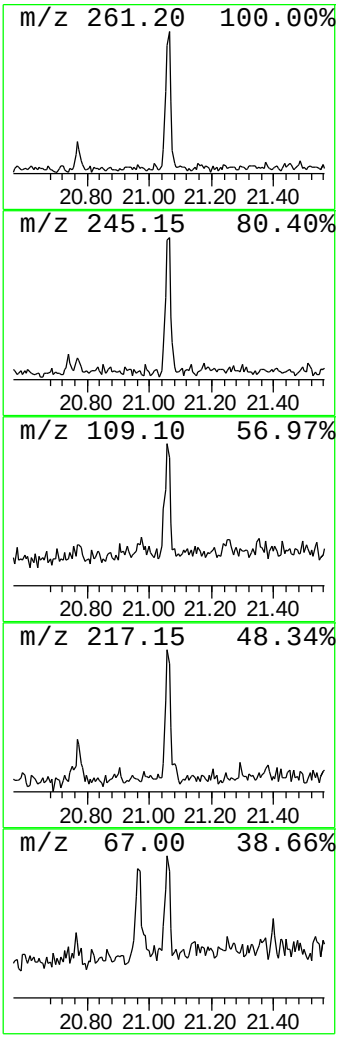
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.19 ng/ul	79253	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Cyclopenta[b]benzofuran-7-ol,...	261	C15H19NO3	005607-68-1	20
2	Androstane, (5.alpha.)-	260	C19H32	000438-22-2	20
3	5,12-Naphthacenedione, 1,2,3,4-t...	262	C18H14O2	069813-92-9	20
4	Alpha-(4-cinnolinyl)-alpha-phenv...	245	C16H11N3	018592-05-7	14
5	Silane, diethylisohexyloxy(3-met...	274	C15H34O2Si	1000362-99-5	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021721\
Data File : BP004781.D
Acq On : 17 Feb 2021 19:42
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGY6

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	18.06	2.7	ng/ul	76122	4	17.17	559400	20.0
1H-Phenanthro[9,1...	18.44	4.2	ng/ul	115981	4	17.17	559400	20.0
18-Norabietane	18.62	6.3	ng/ul	176487	4	17.17	559400	20.0
Retene	19.94	8.0	ng/ul	289993	5	21.25	723095	20.0
Heptacosyl acetate	20.96	4.2	ng/ul	151562	5	21.25	723095	20.0
unknown-01	21.06	2.2	ng/ul	79253	5	21.25	723095	20.0