LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005099.D
Acq On : 30 Mar 2021 12:15
Operator : CG/JU
Sample : M1800-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBHE3

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-BP032921MA.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	3.222	19	23	29	rBV	7728	10961	1.30%	0.075%
2	3.375	46	49	53	rBV6	1041	1511	0.18%	0.010%
3	3.552	76	79	83	rBV3	2493	3207	0.38%	0.022%
4	3.846	125	129	132	rBV5	1871	2699	0.32%	0.018%
5	3.940	142	145	153	rVB3	3555	5965	0.71%	0.041%
6	4.016	154	158	161	rVB6	705	920	0.11%	0.006%
7	4.593	251	256	261	rBV8	1344	3095	0.37%	0.021%
8	4.863	297	302	303	rBV3	1596	2532	0.30%	0.017%
9	5.028	325	330	336	rVB	6337	10220	1.21%	0.070%
10	5.793	458	460	463	rBV3	1057	1073	0.13%	0.007%
11	6.040	497	502	507	rVB9	613	1541	0.18%	0.011%
12	6.205	526	530	532	rBV5	1070	1275	0.15%	0.009%
13	6.893	640	647	658	rBV	145686	230970	27.31%	1.576%
14	7.057	668	675	687	rBV	108657	172040	20.34%	1.174%
15	7.193	696	698	700	rVB3	1125	920	0.11%	0.006%
16	7.252	700	708	720	rBV	152632	237970	28.14%	1.623%
17	7.551	754	759	760	rBV5	601	1027	0.12%	0.007%
18	7.716	780	787	795	rVB	104507	164801	19.49%	1.124%
19	7.946	822	826	828	rBV5	1117	1667	0.20%	0.011%
20	8.428	901	908	917	rBV	176108	273529	32.35%	1.866%
21	8.540	921	927	940	rVB	151750	237639	28.10%	1.621%
22	8.793	959	970	977	rBV	78905	128387	15.18%	0.876%
23	8.875	977	984	988	rVV2	132861	220413	26.07%	1.504%
24	8.916	988	991	999	rVB	68905	108745	12.86%	0.742%
25	9.293	1051	1055	1057	rBV4	998	1168	0.14%	0.008%
26	9.534	1092	1096	1099	rVB5	888	1037	0.12%	0.007%
27	9.593	1099	1106	1114	rBV	117829	195790	23.15%	1.336%
28	9.675	1116	1120	1130	rVB3	6778	14765	1.75%	0.101%
29	10.075	1182	1188	1190	rBV7	533	1067	0.13%	0.007%
30	10.128	1190	1197	1208	rVV	172676	295848	34.99%	2.018%
31	10.510	1255	1262	1266	rBV	138550	235808	27.89%	1.609%
32	10.557	1266	1270	1279	rVB	90611	148426	17.55%	1.012%
33	10.657	1279	1287	1297	rBV	29275	58845	6.96%	0.401%
34	11.222	1376	1383	1388	rBV3	3182	5685	0.67%	0.039%

LSC Area Percent Report

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Acq On : 30 Mar 2021 12:15
Operator : CG/JU
Sample : M1800-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBHE3

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-BP032921MA.M
Title : SVOA CALIBRATION

35	12.045	1516	1523	1532	rBV	192440	317154	37.51%	2.163%
36	12.175	1538	1545	1557	rVB	100418	157607	18.64%	1.075%
37	12.404	1576	1584	1587	rBV3	3446	4903	0.58%	0.033%
38	12.545	1601	1608	1618	rBV	173685	273481	32.34%	1.866%
39	12.663	1624	1628	1631	rVB6	640	973	0.12%	0.007%
40	12.704	1631	1635	1636	rBV3	1038	999	0.12%	0.007%
41	12.792	1645	1650	1653	rBV7	752	1238	0.15%	0.008%
42	13.786	1812	1819	1829	rBV	326336	444871	52.61%	3.035%
43	14.063	1860	1866	1878	rVV	362699	512444	60.60%	3.496%
44	14.228	1889	1894	1897	rBV6	767	1253	0.15%	0.009%
45	14.286	1902	1904	1909	rBV4	956	983	0.12%	0.007%
46	14.375	1912	1919	1924	rVV	231410	344945	40.79%	2.353%
47	14.433	1924	1929	1938	rVB	184262	260992	30.86%	1.780%
48	14.581	1946	1954	1969	rBV	107592	193320	22.86%	1.319%
49	14.692	1971	1973	1978	rVB5	1578	2352	0.28%	0.016%
50	14.798	1987	1991	1993	rBV5	1382	1630	0.19%	0.011%
51	15.192	2056	2058	2062	rBV4	771	1030	0.12%	0.007%
52	15.369	2082	2088	2095	rBV	459231	629696	74.47%	4.295%
53	15.492	2101	2109	2118	rBV2	159532	215773	25.52%	1.472%
54	15.639	2125	2134	2142	rBV	445202	588145	69.55%	4.012%
55	16.163	2219	2223	2227	rVB5	1667	2301	0.27%	0.016%
56	16.363	2253	2257	2260	rBV6	882	1345	0.16%	0.009%
57	16.580	2291	2294	2298	rBV5	577	1020	0.12%	0.007%
58	16.675	2307	2310	2314	rBV6	1415	1945	0.23%	0.013%
59	16.810	2326	2333	2336	rBV9	812	1690	0.20%	0.012%
60	16.916	2346	2351	2352	rBV3	1594	1301	0.15%	0.009%
61	16.951	2353	2357	2361	rVB2	4413	6621	0.78%	0.045%
62	17.133	2381	2388	2391	rBV	289476	421106	49.80%	2.873%
63	17.174	2391	2395	2399	rVV	356265	492437	58.23%	3.359%
64	17.233	2399	2405	2408	rVV	471304	701089	82.91%	4.782%
65	17.263	2408	2410	2419	rVB	218905	282846	33.45%	1.929%
66	17.616	2464	2470	2478	rBV	315522	415228	49.10%	2.832%
67	17.686	2479	2482	2490	rVB5	4033	5959	0.70%	0.041%
68	17.798	2498	2501	2504	rBV5	1081	1215	0.14%	0.008%
69	18.027	2538	2540	2545	rBV5	1296	2286	0.27%	0.016%
70	18.086	2547	2550	2558	rVB8	2853	4804	0.57%	0.033%
71	18.369	2592	2598	2604	rVB5	7762	11295	1.34%	0.077%

LSC Area Percent Report

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Sample : M1800-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBHE3

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-BP032921MA.M
Title : SVOA CALIBRATION

72	18.457	2611	2613	2614	rBV2	1165	923	0.11%	0.006%
73	18.545	2625	2628	2631	rVB5	1250	1482	0.18%	0.010%
74	18.627	2640	2642	2646	rBV5	819	946	0.11%	0.006%
75	18.757	2662	2664	2666	rBV2	1295	1265	0.15%	0.009%
76	18.910	2687	2690	2691	rBV3	1331	1177	0.14%	0.008%
77	19.021	2705	2709	2713	rBV5	1168	2002	0.24%	0.014%
78	19.057	2713	2715	2718	rBV4	1171	1264	0.15%	0.009%
79	19.121	2722	2726	2732	rVV2	5338	7286	0.86%	0.050%
80	19.169	2732	2734	2737	rBV4	1263	1178	0.14%	0.008%
81	19.239	2744	2746	2748	rBV2	1357	1171	0.14%	0.008%
82	19.269	2749	2751	2753	rBV3	1337	1294	0.15%	0.009%
83	19.339	2761	2763	2765	rBV3	1499	1691	0.20%	0.012%
84	19.369	2765	2768	2770	rBV	3729	5518	0.65%	0.038%
85	19.474	2780	2786	2789	rBV	624610	845614	100.00%	5.768%
86	19.504	2789	2791	2797	rVB	240173	257948	30.50%	1.760%
87	19.627	2810	2812	2815	rBV4	1428	1766	0.21%	0.012%
88	19.868	2850	2853	2854	rBV2	1764	1922	0.23%	0.013%
89	20.016	2874	2878	2882	rBV3	11336	16826	1.99%	0.115%
90	20.233	2912	2915	2916	rBV3	2687	2978	0.35%	0.020%
91	21.227	3078	3084	3087	rBV	357768	498076	58.90%	3.398%
92	21.263	3087	3090	3096	rVB	395768	462596	54.71%	3.156%
93	22.815	3348	3354	3358	rBV	247969	410327	48.52%	2.799%
94	22.862	3358	3362	3372	rVB	186417	297523	35.18%	2.030%
95	23.368	3441	3448	3452	rBV	414817	813540	96.21%	5.550%
96	23.409	3452	3455	3463	rVB	279369	487726	57.68%	3.327%
97	23.515	3466	3473	3481	rVB2	242956	475405	56.22%	3.243%
98	23.998	3551	3555	3558	rBV2	37219	65245	7.72%	0.445%
99	24.051	3558	3564	3576	rVB	240830	541764	64.07%	3.696%
100	26.574	3985	3993	4004	rVB	123476	363206	42.95%	2.478%

Sum of corrected areas: 14659482

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Instrument : BNA_P
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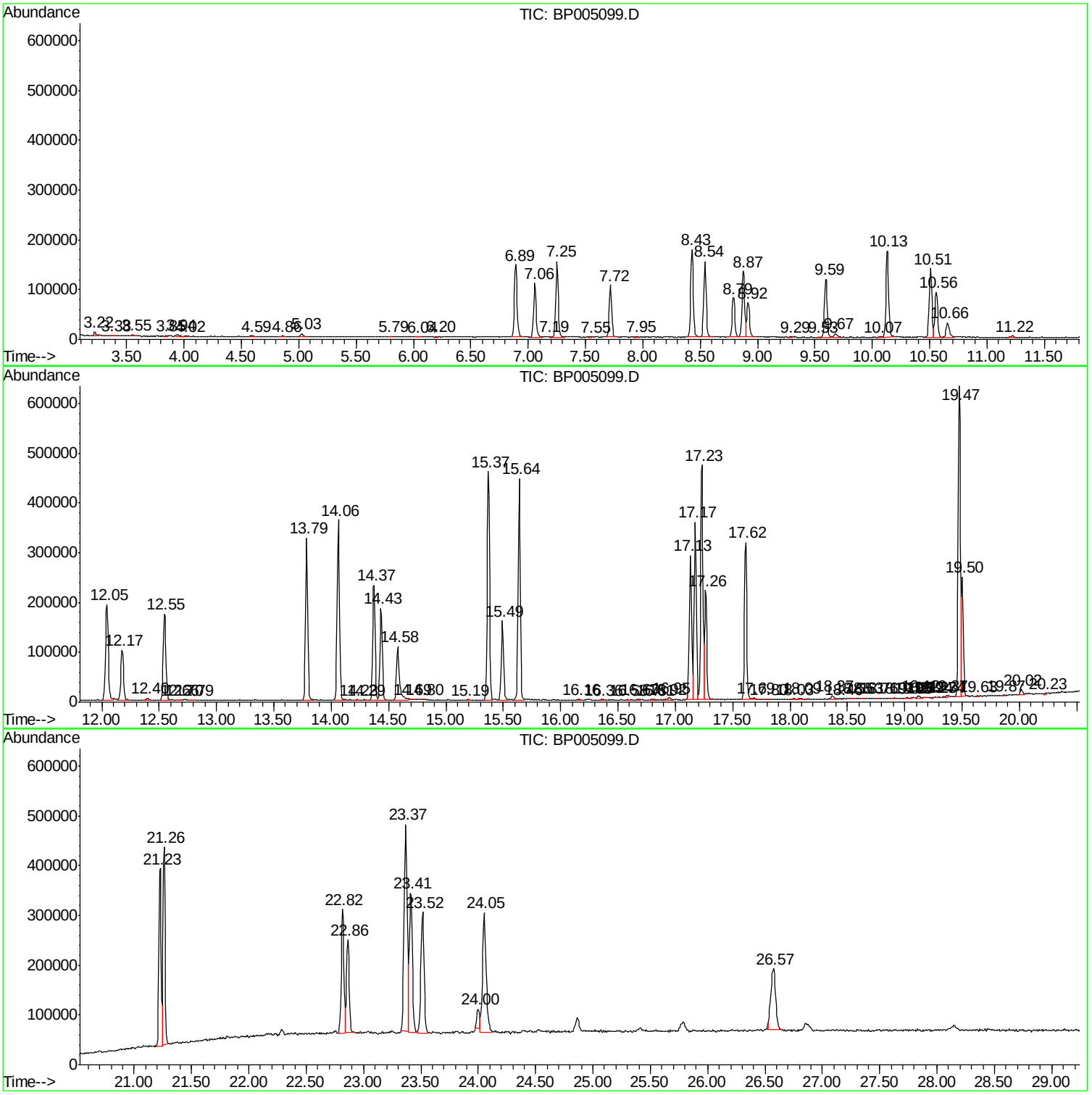
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
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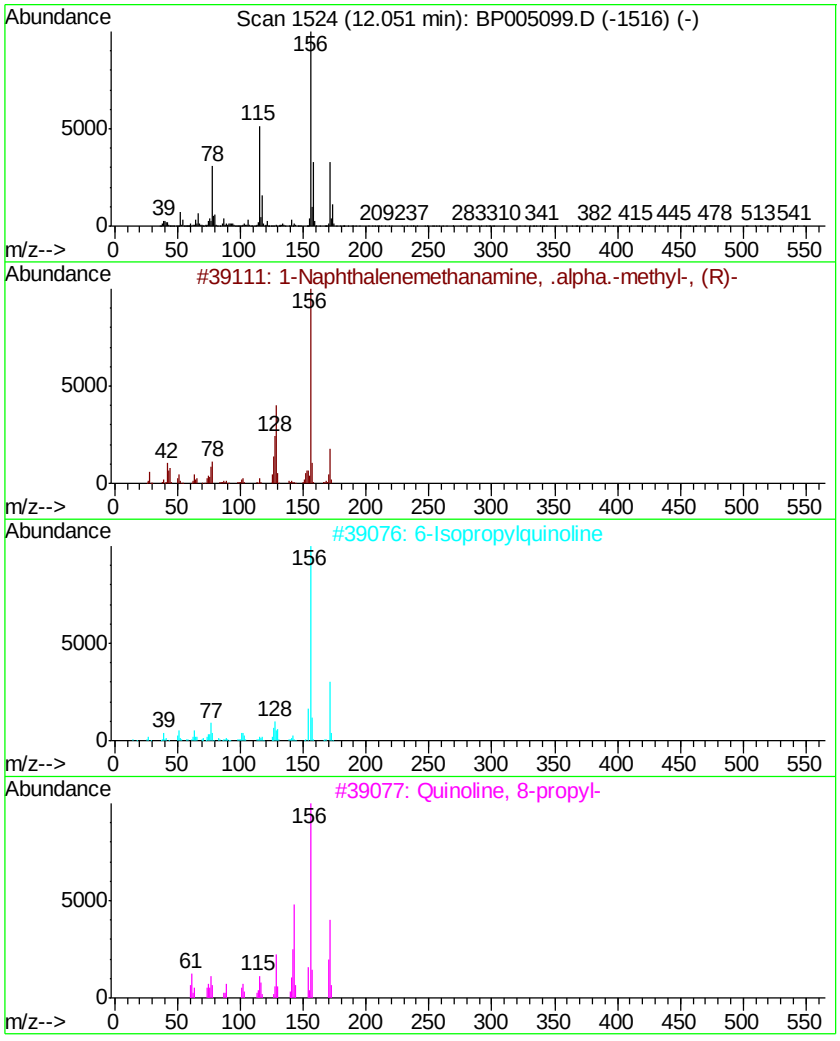
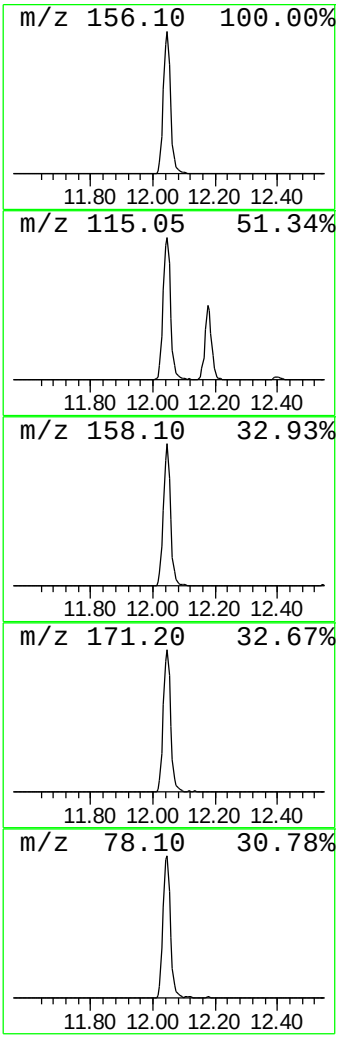
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	26.90 ng/ul	317154	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	43
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28
5	2,2'-Bipyridine	156	C10H8N2	000366-18-7	25





Library Search Compound Report

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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

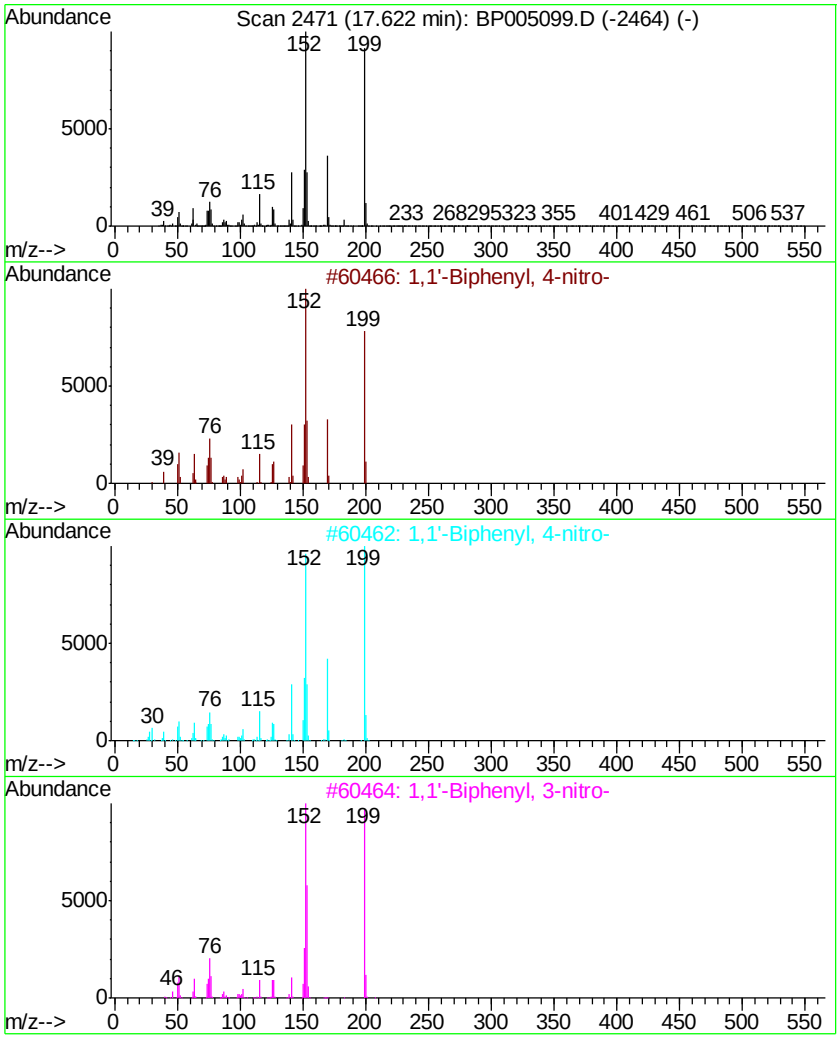
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

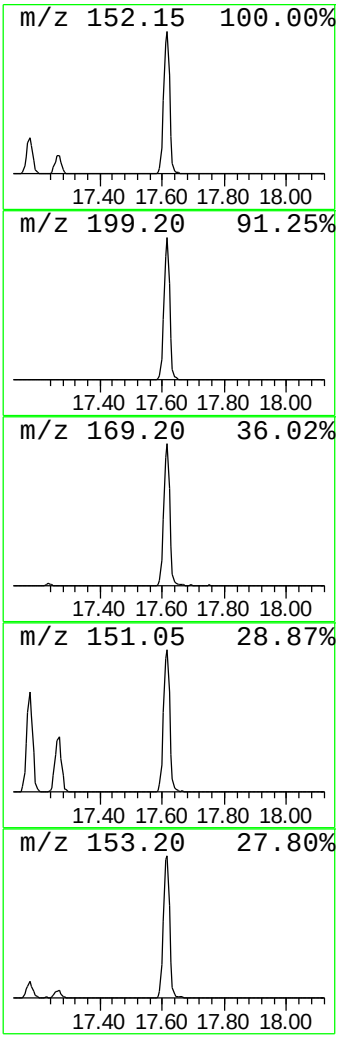
****

Peak Number 2 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	19.72 ng/ul	415228	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90
5	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	87





Library Search Compound Report

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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

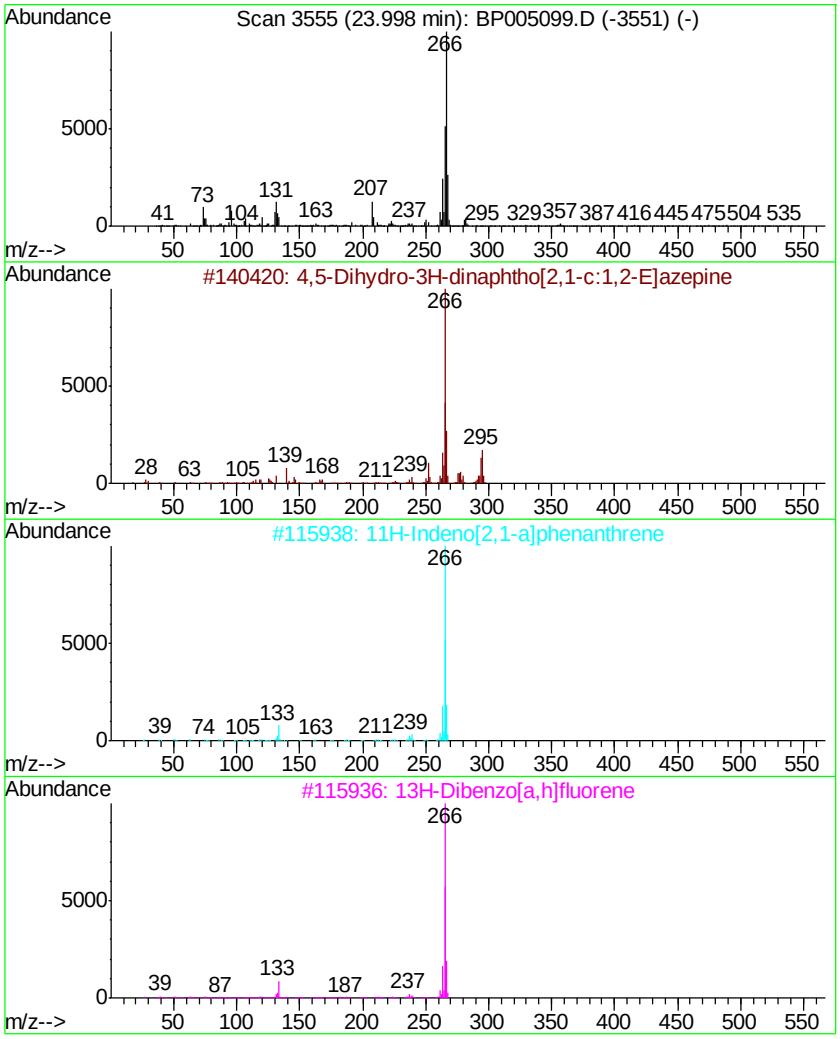
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

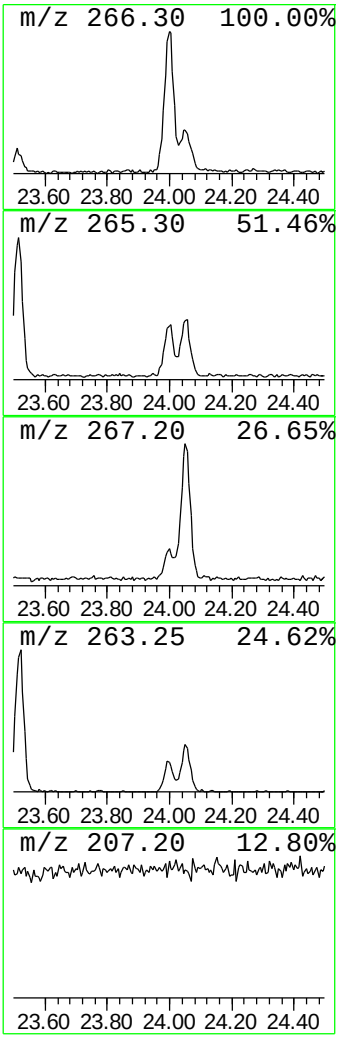
****

Peak Number 3 4,5-Dihydro-3H-dinaphtho[2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.74 ng/ul	65245	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	72
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	68
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	64
4	1-Phosphacyclopent-2-ene, 1,5-di...	266	C18H19P	1000162-78-2	59
5	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	53





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBHE3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

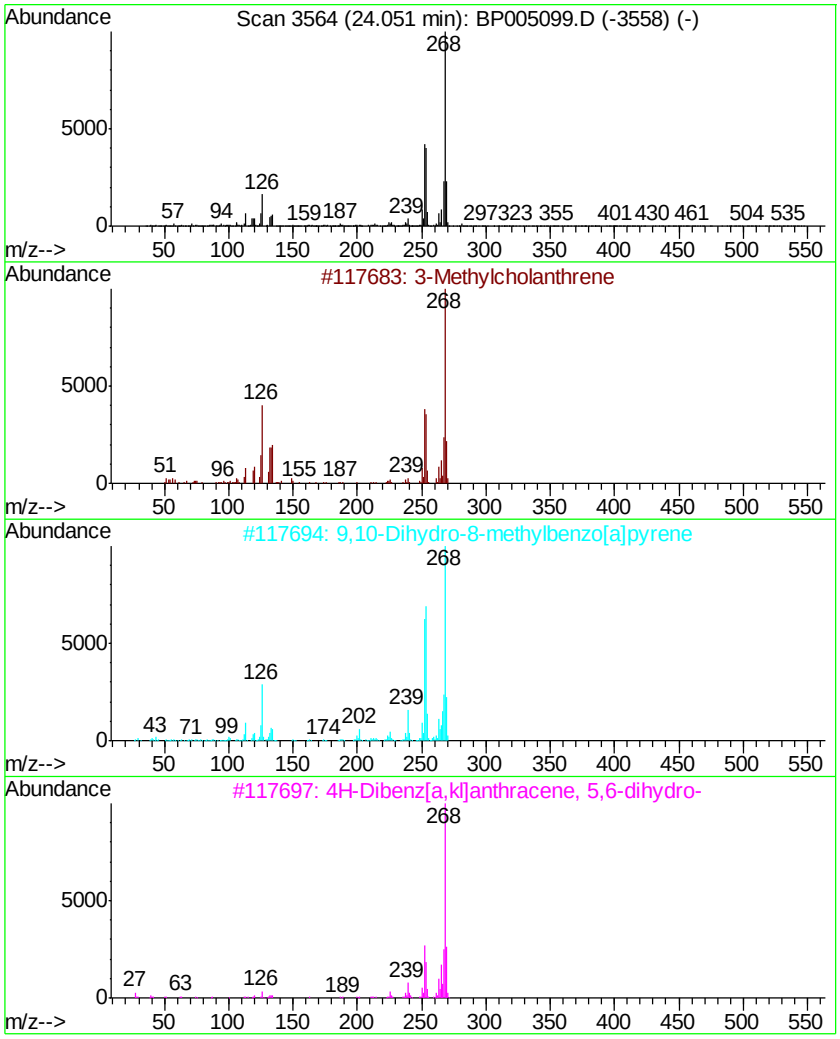
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

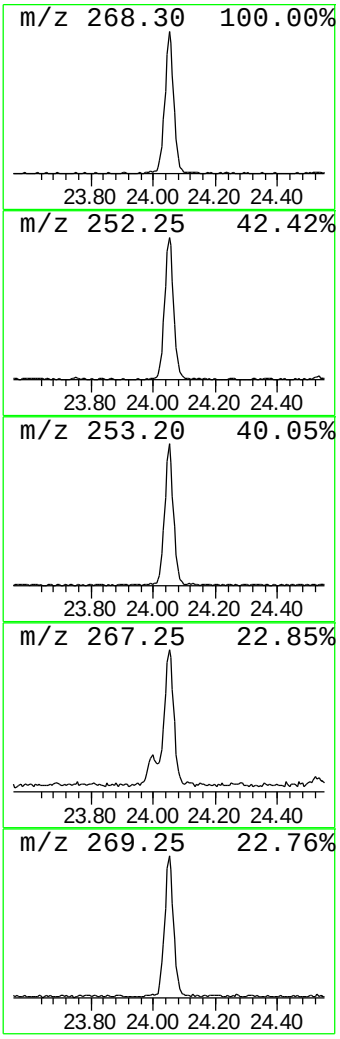
****

Peak Number 4 3-Methylcholanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	22.79 ng/ul	541764	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	94
2	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	90
3	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	87
4	(+)-2-Methylcholanthrene	268	C21H16	1000126-56-1	81
5	3-Methylcholanthrene	268	C21H16	000056-49-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
Data File : BP005099.D
Acq On : 30 Mar 2021 12:15
Operator : CG/JU
Sample : M1800-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBHE3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.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
unknown-01	12.05	26.9	ng/ul	317154	2	10.51	235808	20.0
1,1'-Biphenyl, 4-...	17.62	19.7	ng/ul	415228	4	17.13	421106	20.0
4,5-Dihydro-3H-di...	24.00	2.7	ng/ul	65245	6	23.51	475405	20.0
3-Methylcholanthrene	24.05	22.8	ng/ul	541764	6	23.51	475405	20.0