LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_N\METHODS\SOM-EPA-BN091418MA.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	5.646	446	452	467	rBV2	80071	146177	3.15%	0.318%
2	6.828	649	653	666	rVB2	87782	198615	4.28%	0.433%
3	6.969	672	677	690	rVB	76596	133737	2.88%	0.291%
4	7.152	702	708	721	rVB2	194696	449551	9.68%	0.979%
5	7.628	782	789	798	rBV	463447	750303	16.16%	1.634%
6	8.351	905	912	923	rBV	111315	213323	4.59%	0.465%
7	8.781	979	985	992	rBV	93611	164459	3.54%	0.358%
8	9.498	1101	1107	1120	rVB	78902	140556	3.03%	0.306%
9	10.051	1195	1201	1213	rBV	104106	226069	4.87%	0.492%
10	10.398	1252	1260	1266	rBV	682399	1179666	25.41%	2.570%
11	10.557	1280	1287	1297	rBV	67319	146268	3.15%	0.319%
12	12.222	1564	1570	1579	rBV	21438	51096	1.10%	0.111%
13	13.681	1813	1818	1822	rBV	243777	351682	7.57%	0.766%
14	13.728	1822	1826	1834	rVB	426526	582966	12.56%	1.270%
15	13.957	1854	1865	1870	rBV	318790	511524	11.02%	1.114%
16	14.269	1910	1918	1927	rBV3	1042282	1995116	42.97%	4.346%
17	14.334	1927	1929	1937	rVB	44308	50702	1.09%	0.110%
18	14.545	1957	1965	1980	rBV5	40293	126990	2.74%	0.277%
19	15.075	2046	2055	2061	rBV2	30009	62151	1.34%	0.135%
20	15.269	2082	2088	2093	rBV	408580	612600	13.19%	1.334%
21	15.322	2093	2097	2102	rVB	46817	75549	1.63%	0.165%
22	15.428	2110	2115	2122	rVB5	28796	57777	1.24%	0.126%
23	16.004	2208	2213	2219	rVB6	24950	52528	1.13%	0.114%
24	16.322	2262	2267	2271	rBV2	78438	130495	2.81%	0.284%
25	16.369	2271	2275	2281	rVB2	56566	90338	1.95%	0.197%
26	16.528	2299	2302	2307	rBV	51568	74049	1.59%	0.161%
27	16.628	2315	2319	2323	rVB	50353	70201	1.51%	0.153%
28	16.680	2325	2328	2335	rVB2	36989	69602	1.50%	0.152%
29	16.786	2338	2346	2351	rVV2	197716	288231	6.21%	0.628%
30	16.839	2351	2355	2359	rVV	70220	111331	2.40%	0.243%
31	16.892	2360	2364	2368	rVB	59578	80050	1.72%	0.174%
32	17.022	2380	2386	2390	rBV	1389702	2019671	43.50%	4.399%
33	17.063	2390	2393	2398	rVV	1131395	1465615	31.57%	3.193%
34	17.122	2398	2403	2406	rVV2	456830	700812	15.09%	1.527%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

35	17.151	2406	2408	2413	rVV	307046	387168	8.34%	0.843%
36	17.222	2415	2420	2424	rVB3	36474	72956	1.57%	0.159%
37	17.433	2452	2456	2463	rVB	136883	195911	4.22%	0.427%
38	17.610	2482	2486	2493	rBV4	35527	77840	1.68%	0.170%
39	17.898	2530	2535	2538	rBV	141870	218755	4.71%	0.477%
40	17.945	2538	2543	2547	rVV	253627	407994	8.79%	0.889%
41	17.992	2548	2551	2554	rVV	79755	98721	2.13%	0.215%
42	18.027	2554	2557	2562	rVV	83862	122974	2.65%	0.268%
43	18.092	2563	2568	2572	rVV2	340751	576934	12.43%	1.257%
44	18.127	2572	2574	2583	rVB	117922	177047	3.81%	0.386%
45	18.404	2617	2621	2625	rVB	115663	152793	3.29%	0.333%
46	18.451	2626	2629	2635	rVB	117319	157581	3.39%	0.343%
47	18.822	2689	2692	2696	rBV	101266	149313	3.22%	0.325%
48	19.092	2732	2738	2745	rBV	3198388	4246971	91.47%	9.251%
49	19.192	2752	2755	2758	rBV2	89956	119212	2.57%	0.260%
50	19.427	2790	2795	2796	rBV2	1027249	1285124	27.68%	2.799%
51	19.457	2796	2800	2808	rVB	3207671	4516769	97.28%	9.839%
52	19.951	2882	2884	2890	rVB	329123	421125	9.07%	0.917%
53	20.057	2899	2902	2905	rVB	210969	224477	4.83%	0.489%
54	20.363	2951	2954	2957	rVB	273415	289932	6.24%	0.632%
55	20.874	3038	3041	3044	rBV2	232760	284065	6.12%	0.619%
56	20.921	3045	3049	3051	rVV2	448189	543940	11.72%	1.185%
57	21.145	3083	3087	3090	rBV	791447	891849	19.21%	1.943%
58	21.221	3095	3100	3104	rVV2	2297862	4643039	100.00%	10.114%
59	21.268	3104	3108	3118	rVB	2796743	3895133	83.89%	8.485%
60	21.386	3125	3128	3133	rVB2	423927	540142	11.63%	1.177%
61	21.445	3135	3138	3141	rBV	330181	401790	8.65%	0.875%
62	22.786	3361	3366	3371	rBV	1469966	2922722	62.95%	6.367%
63	23.257	3441	3446	3451	rBV	943567	1643523	35.40%	3.580%
64	23.351	3458	3462	3467	rVB	894692	1487238	32.03%	3.240%
65	23.445	3473	3478	3483	rBV	763007	1374088	29.59%	2.993%

Sum of corrected areas: 45906926

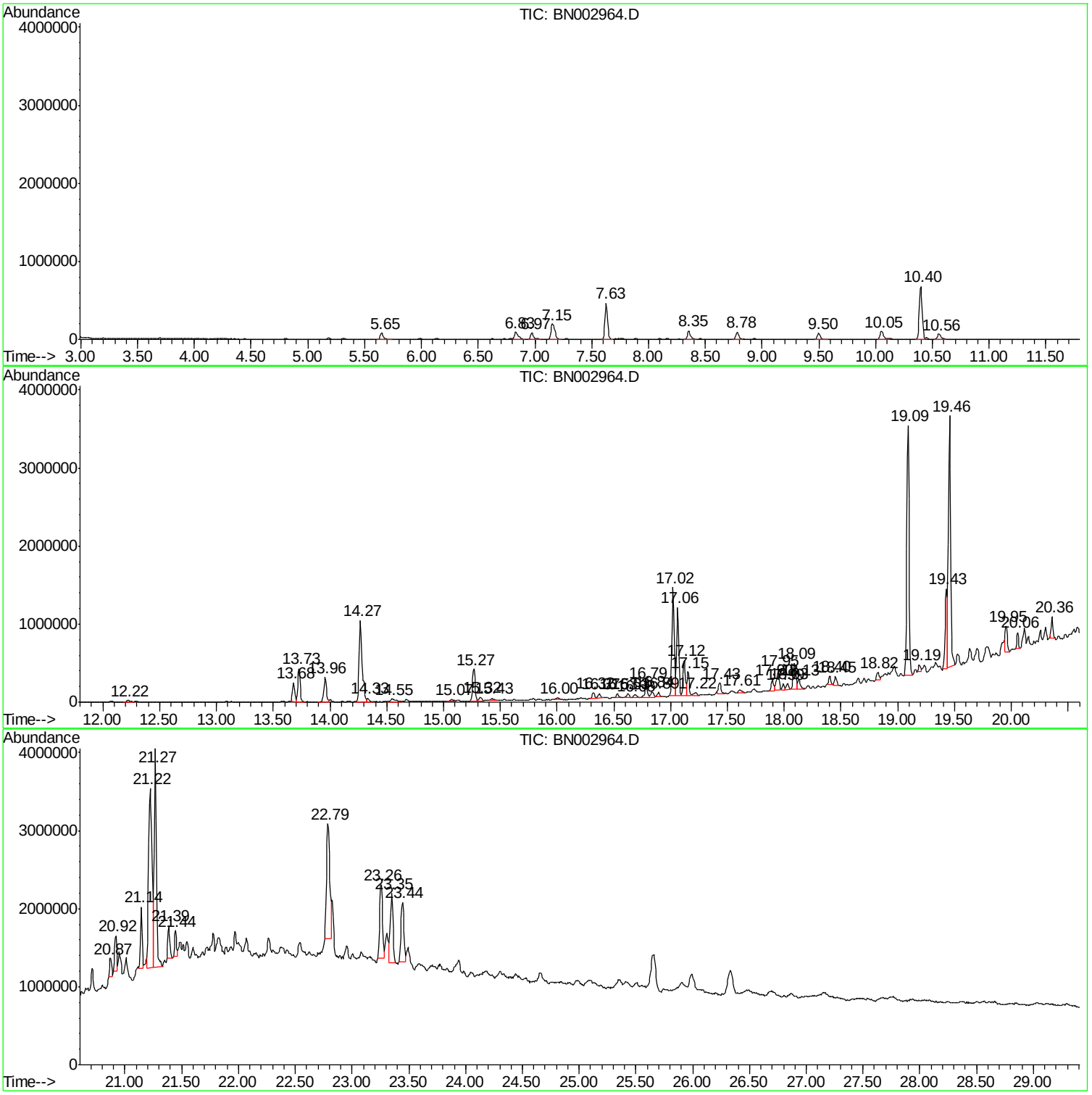
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

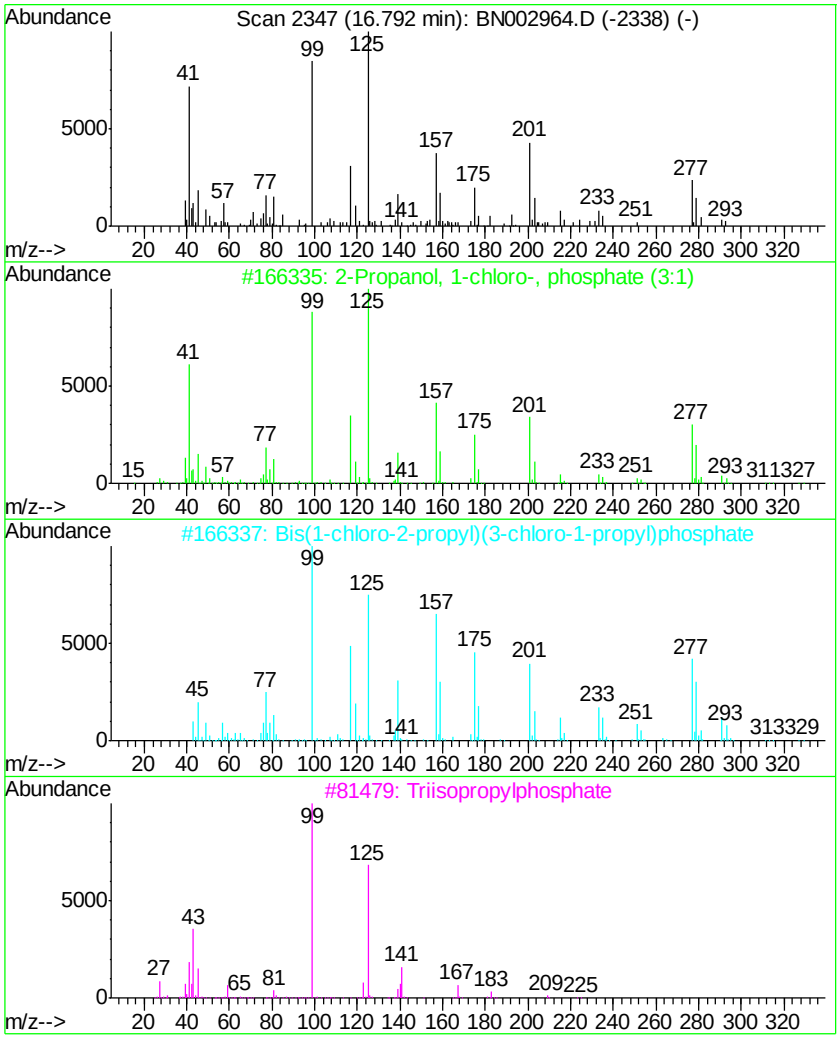
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

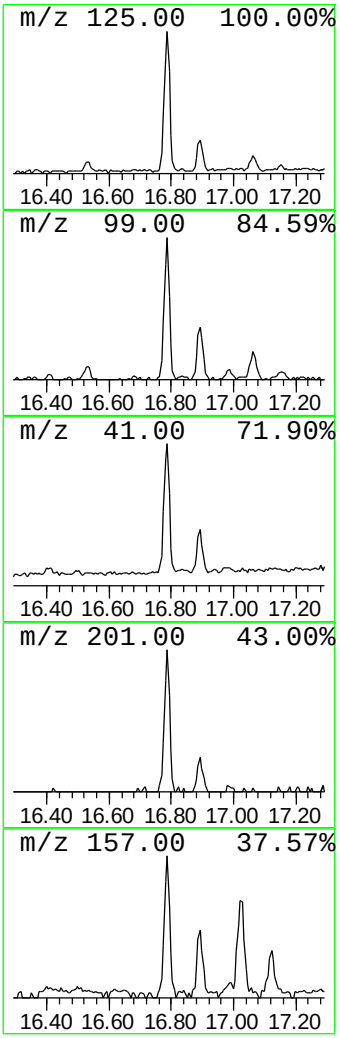
****

Peak Number 2 2-Propanol, 1-chloro-, phos... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.85 ng/ul	288231	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	25
3	Triisopropylphosphate	224	C9H21O4P	000513-02-0	23
4	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	22
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

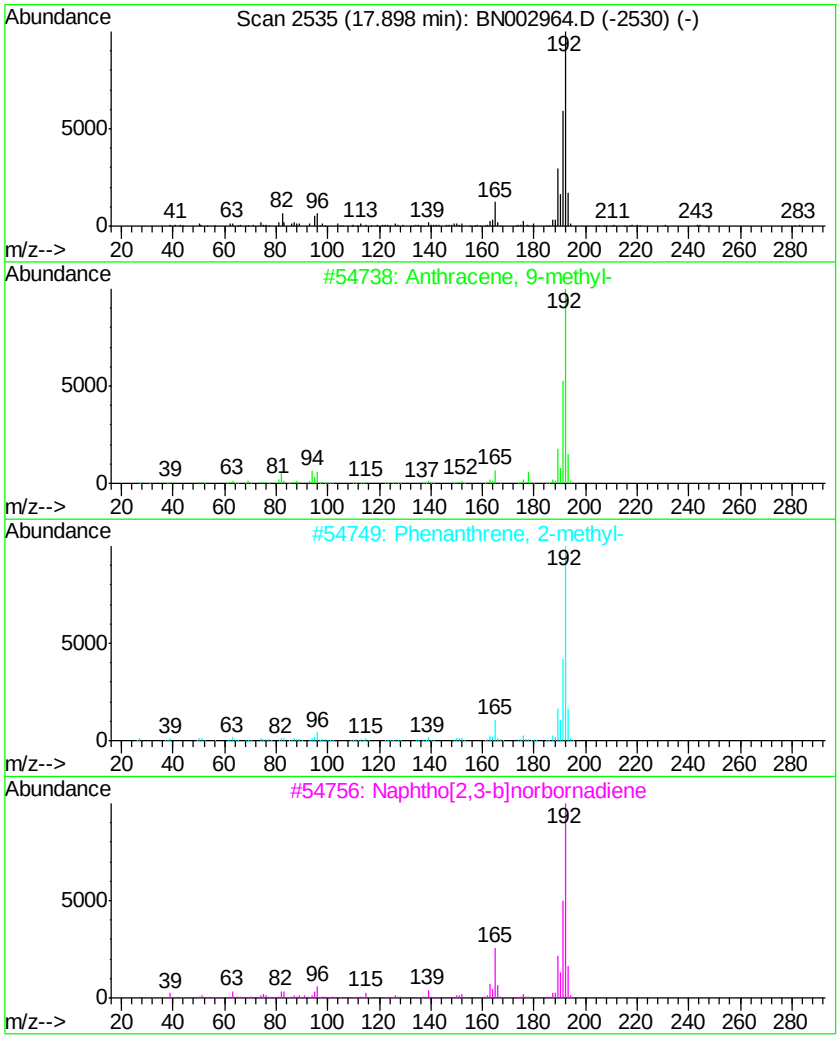
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

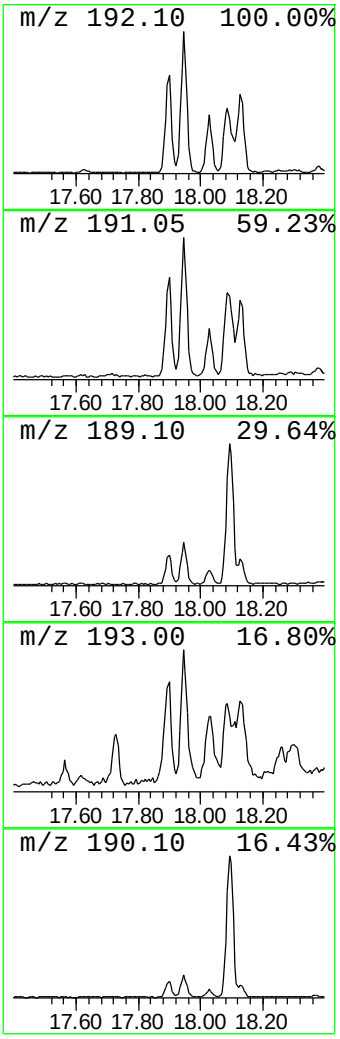
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.17 ng/ul	218755	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

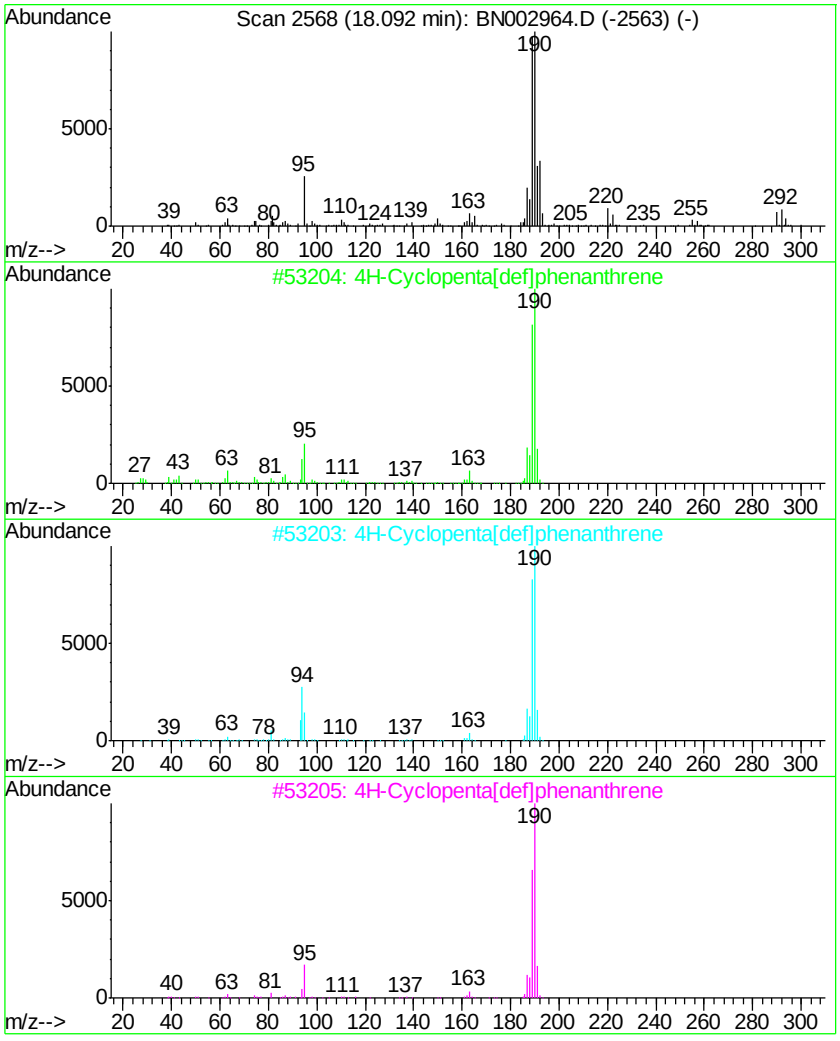
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

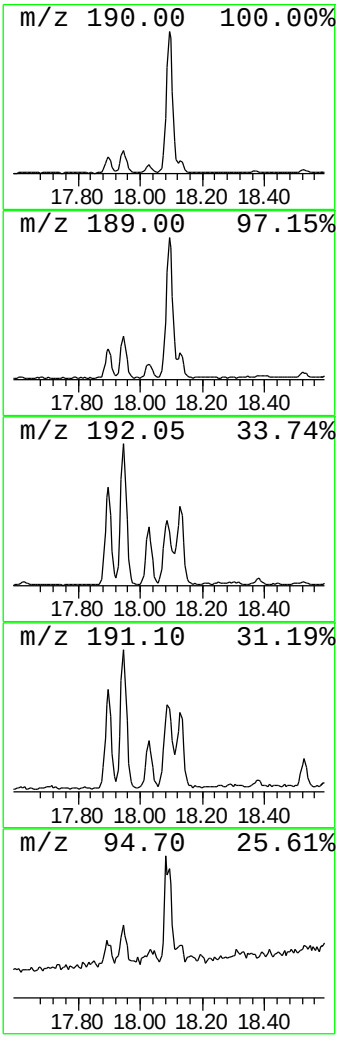
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.71 ng/ul	576934	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

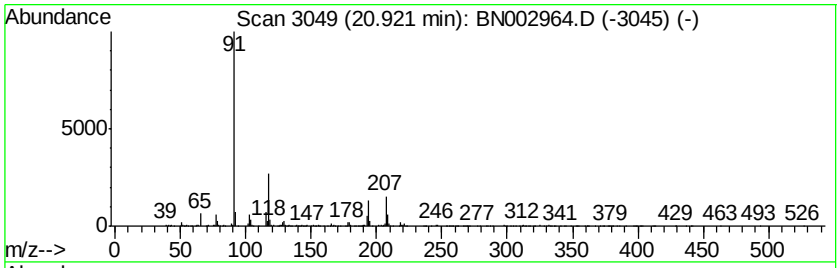
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

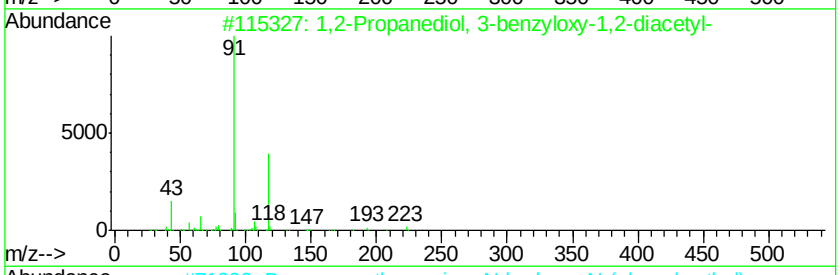
****

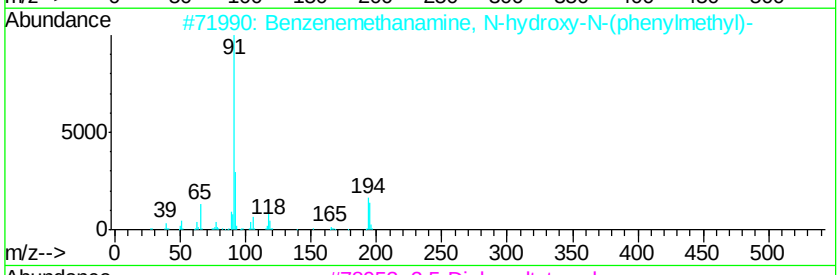
Peak Number 5 unknown-01 Concentration Rank 4

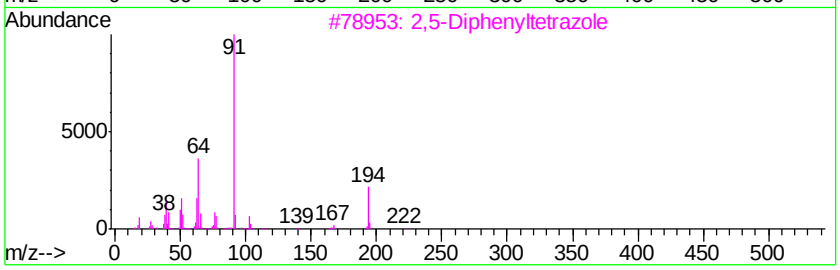
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.34 ng/ul	543940	Chrysene-d12	21.23

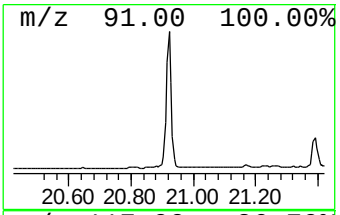
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Propanediol, 3-benzyloxy-1,2...	266	C14H18O5	013754-10-4	35
2	Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	23
3	2,5-Diphenyltetrazole	222	C13H10N4	018039-45-7	17
4	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	16
5	Benzaldehyde, 4-benzyloxy-3-meth...	287	C15H13NO5	002450-27-3	10

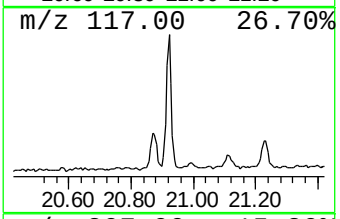


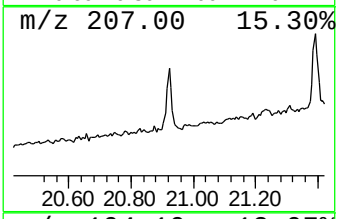


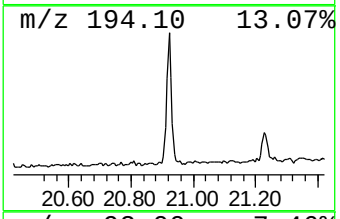


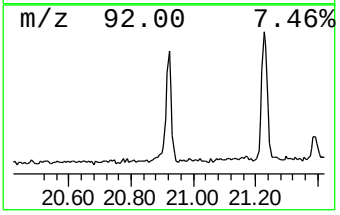












Library Search Compound Report

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Data File : BN002964.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

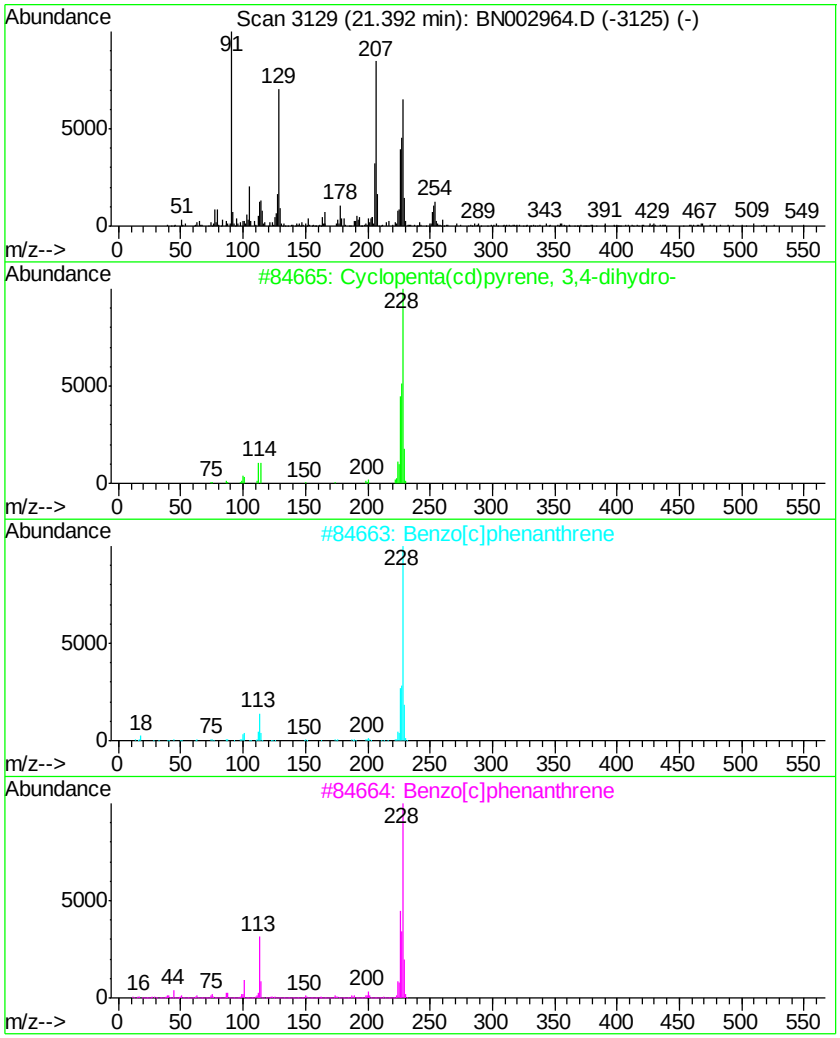
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

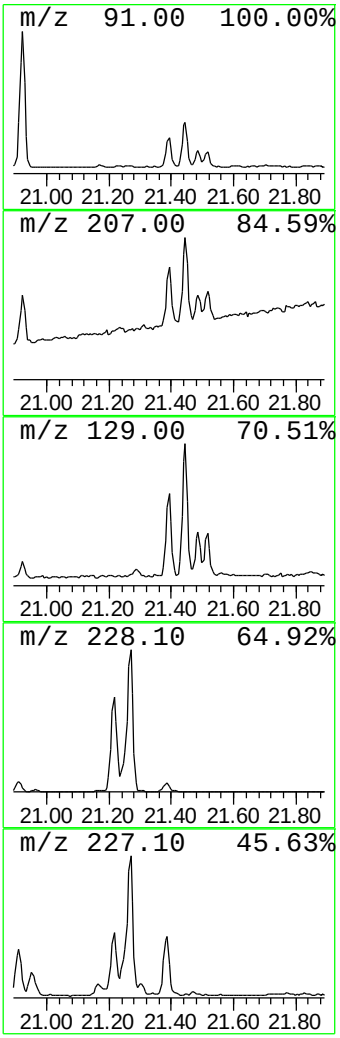
****

Peak Number 6 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.33 ng/ul	540142	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	51
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	35
5	Triphenylene	228	C18H12	000217-59-4	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002964.D
Acq On : 05 Oct 2018 13:22
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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
2-Propanol, 1-chl...	16.79	2.9	ng/ul	288231	4	17.02	2019670	20.0
Anthracene, 9-met...	17.90	2.2	ng/ul	218755	4	17.02	2019670	20.0
4H-Cyclopenta[def...	18.09	5.7	ng/ul	576934	4	17.02	2019670	20.0
unknown-01	20.92	2.3	ng/ul	543940	5	21.23	4643040	20.0
Cyclopenta(cd)pyr...	21.39	2.3	ng/ul	540142	5	21.23	4643040	20.0