LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

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_N\METHODS\SOM-EPA-BN091619MA.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	3.223	37	40	43	rBV	53190	70805	0.39%	0.039%
2	3.252	43	45	58	rVB	124505	197490	1.08%	0.110%
3	3.876	147	151	158	rVB	75490	122620	0.67%	0.068%
4	3.964	163	166	172	rVB4	34270	50710	0.28%	0.028%
5	4.858	314	318	323	rBV5	15065	25944	0.14%	0.014%
6	6.099	525	529	533	rVB	25336	34426	0.19%	0.019%
7	6.405	575	581	588	rVB2	75586	119035	0.65%	0.066%
8	6.864	653	659	670	rBV	578440	1012418	5.55%	0.562%
9	7.028	681	687	710	rBV	1719706	2945486	16.14%	1.636%
10	7.222	713	720	730	rBV	2097393	3305084	18.11%	1.836%
11	7.687	791	799	809	rBV	2284221	3589880	19.67%	1.994%
12	8.387	910	918	931	rBV	1595053	2555531	14.00%	1.420%
13	8.828	983	993	1007	rBV	2264991	3759883	20.60%	2.088%
14	9.299	1068	1073	1078	rVB	101828	152777	0.84%	0.085%
15	9.546	1107	1115	1126	rBV	1716319	2765003	15.15%	1.536%
16	10.081	1199	1206	1219	rBV	2876240	4729393	25.91%	2.627%
17	10.458	1263	1270	1281	rBV	3154641	5115181	28.02%	2.841%
18	10.593	1284	1293	1302	rBV	198025	371608	2.04%	0.206%
19	11.628	1464	1469	1474	rVB8	11238	19178	0.11%	0.011%
20	11.787	1490	1496	1501	rBV2	66738	104917	0.57%	0.058%
21	12.052	1536	1541	1547	rVB3	47486	76744	0.42%	0.043%
22	12.616	1632	1637	1641	rBV4	40593	55170	0.30%	0.031%
23	12.928	1687	1690	1694	rVB4	12822	19861	0.11%	0.011%
24	13.046	1706	1710	1716	rVB	45904	66363	0.36%	0.037%
25	13.228	1736	1741	1745	rBV7	16564	22767	0.12%	0.013%
26	13.616	1802	1807	1810	rBV7	11892	19169	0.11%	0.011%
27	13.728	1819	1826	1831	rBV	6031518	8136359	44.57%	4.519%
28	13.775	1831	1834	1843	rVB	336396	462152	2.53%	0.257%
29	13.863	1843	1849	1860	rBV	3545328	4846159	26.55%	2.692%
30	14.004	1864	1873	1889	rVB	6452038	9764290	53.49%	5.424%
31	14.134	1891	1895	1901	rVB8	17098	32527	0.18%	0.018%
32	14.216	1905	1909	1911	rBV3	33813	44236	0.24%	0.025%
33	14.246	1911	1914	1918	rVB2	48767	54803	0.30%	0.030%
34	14.316	1918	1926	1933	rBV2	5149933	8943432	48.99%	4.968%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
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Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

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_N\METHODS\SOM-EPA-BN091619MA.M
Title : SVOA CALIBRATION

35	14.451	1945	1949	1953	rVB6	19521	26438	0.14%	0.015%
36	14.510	1953	1959	1965	rBV	765515	1174795	6.44%	0.653%
37	14.563	1966	1968	1978	rVB5	54086	103547	0.57%	0.058%
38	14.746	1994	1999	2003	rBV7	25429	49722	0.27%	0.028%
39	14.857	2014	2018	2023	rBV	133211	179387	0.98%	0.100%
40	14.981	2033	2039	2050	rBV	4897000	6960620	38.13%	3.866%
41	15.063	2050	2053	2061	rVB	68877	99891	0.55%	0.055%
42	15.140	2062	2066	2073	rVB4	27957	56397	0.31%	0.031%
43	15.310	2089	2095	2104	rBV	8463044	12008563	65.79%	6.670%
44	15.428	2109	2115	2123	rBV	2241258	3028900	16.59%	1.682%
45	15.551	2132	2136	2142	rBV	97456	139769	0.77%	0.078%
46	15.822	2173	2182	2187	rBV7	42466	95528	0.52%	0.053%
47	16.057	2219	2222	2224	rBV2	24124	25688	0.14%	0.014%
48	16.093	2225	2228	2234	rVB3	42975	71665	0.39%	0.040%
49	16.481	2289	2294	2302	rBV10	23106	47184	0.26%	0.026%
50	16.616	2312	2317	2322	rBV3	123324	242305	1.33%	0.135%
51	16.669	2322	2326	2331	rVV	257740	330110	1.81%	0.183%
52	16.745	2335	2339	2344	rVB5	22760	31276	0.17%	0.017%
53	16.804	2345	2349	2351	rBV2	26661	30536	0.17%	0.017%
54	16.845	2353	2356	2359	rVV2	20660	24111	0.13%	0.013%
55	16.998	2377	2382	2383	rBV4	13891	21702	0.12%	0.012%
56	17.057	2383	2392	2402	rVV2	5941964	8758750	47.98%	4.865%
57	17.157	2403	2409	2423	rVB	9837767	14279243	78.23%	7.932%
58	17.363	2441	2444	2449	rBV5	15767	22912	0.13%	0.013%
59	17.551	2471	2476	2484	rVV	371937	548615	3.01%	0.305%
60	17.710	2499	2503	2504	rBV	70216	71120	0.39%	0.040%
61	17.745	2504	2509	2517	rVB	904819	1203278	6.59%	0.668%
62	17.934	2538	2541	2544	rVB5	30122	35463	0.19%	0.020%
63	17.975	2544	2548	2557	rVV	563755	868579	4.76%	0.482%
64	18.063	2560	2563	2573	rVB6	115559	210801	1.15%	0.117%
65	18.187	2579	2584	2594	rBV	590705	949499	5.20%	0.527%
66	18.916	2705	2708	2712	rBV5	30669	36785	0.20%	0.020%
67	19.092	2733	2738	2744	rBV	138248	229142	1.26%	0.127%
68	19.263	2762	2767	2776	rBV	252182	412759	2.26%	0.229%
69	19.345	2777	2781	2786	rVB	121971	164418	0.90%	0.091%
70	19.463	2794	2801	2810	rBV	12984551	17936692	98.26%	9.963%
71	19.528	2810	2812	2818	rVB6	36120	48350	0.26%	0.027%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

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_N\METHODS\SOM-EPA-BN091619MA.M
Title : SVOA CALIBRATION

72	20.039	2895	2899	2902	rBV2	72580	88639	0.49%	0.049%
73	20.539	2980	2984	2987	rVB	124478	130669	0.72%	0.073%
74	20.992	3056	3061	3069	rBV2	759683	1294567	7.09%	0.719%
75	21.263	3101	3107	3115	rBV	8168815	10488817	57.46%	5.826%
76	21.380	3123	3127	3133	rBV2	154568	272164	1.49%	0.151%
77	21.439	3134	3137	3145	rVB	309466	341125	1.87%	0.189%
78	21.875	3207	3211	3217	rBV	371881	477591	2.62%	0.265%
79	22.333	3285	3289	3295	rVB	393807	505846	2.77%	0.281%
80	22.463	3308	3311	3315	rVB	143346	173587	0.95%	0.096%
81	22.839	3371	3375	3389	rVB	519033	793946	4.35%	0.441%
82	23.339	3453	3460	3467	rBV	10315891	18253896	100.00%	10.139%
83	23.404	3467	3471	3476	rVV	521166	863936	4.73%	0.480%
84	23.480	3476	3484	3500	rVB	5818804	10669021	58.45%	5.926%
85	24.039	3574	3579	3586	rBV	448235	813933	4.46%	0.452%
86	24.774	3700	3704	3716	rVB	365744	744303	4.08%	0.413%

Sum of corrected areas: 180027981

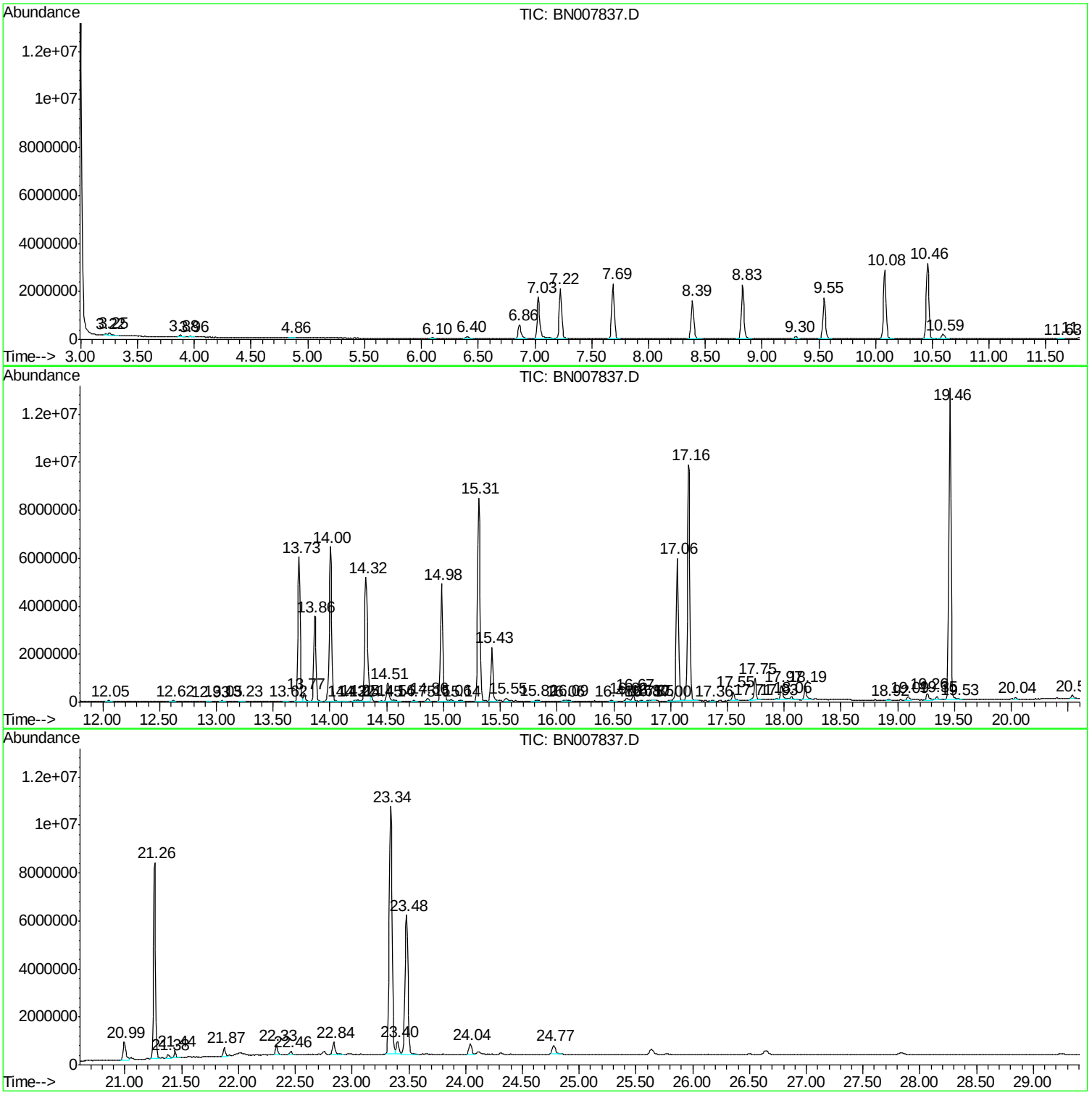
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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 N\DATA\BN092419\
Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

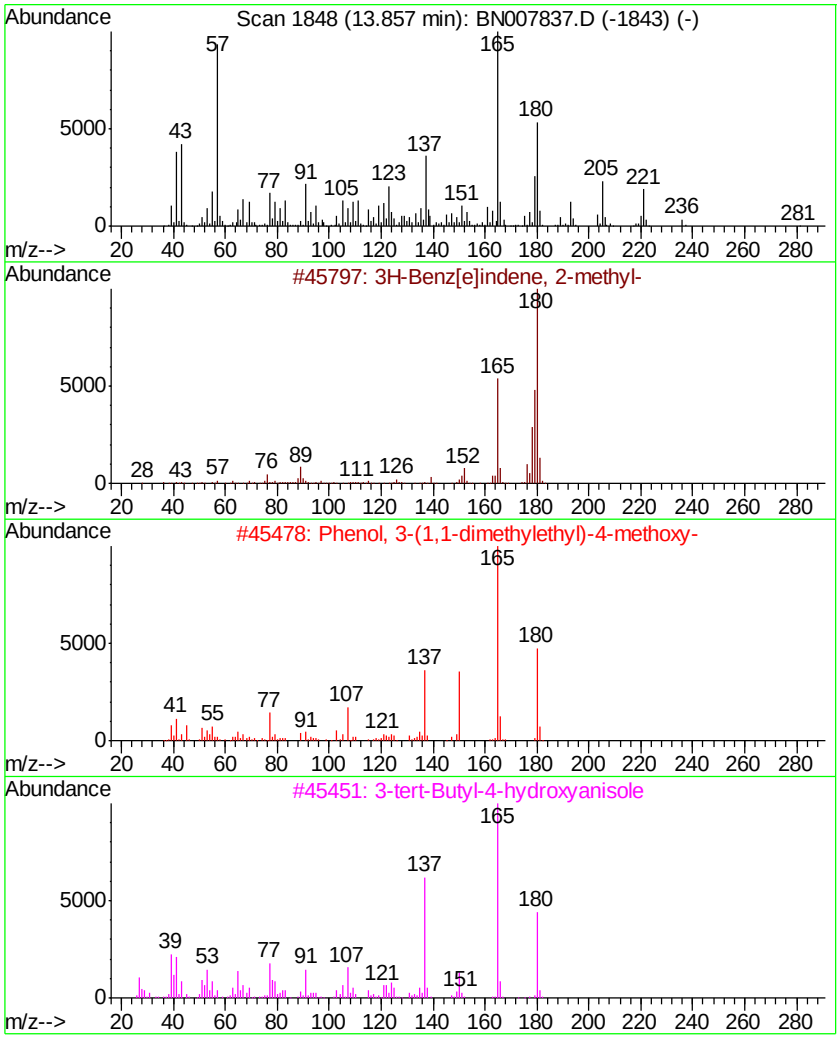
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

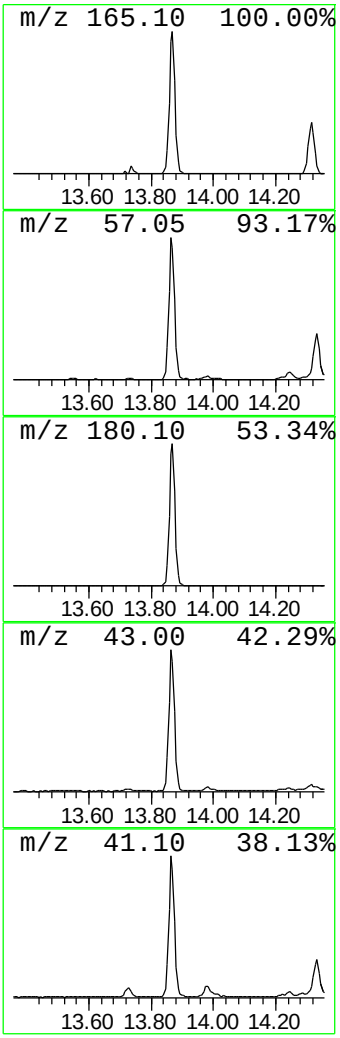
****

Peak Number 1 3H-Benz[e]indene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	10.84 ng/ul	4846160	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	64
2	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	58
3	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	58
4	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	58
5	Ethanone, 1-(2,5-dimethoxyphenyl)-	180	C10H12O3	001201-38-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

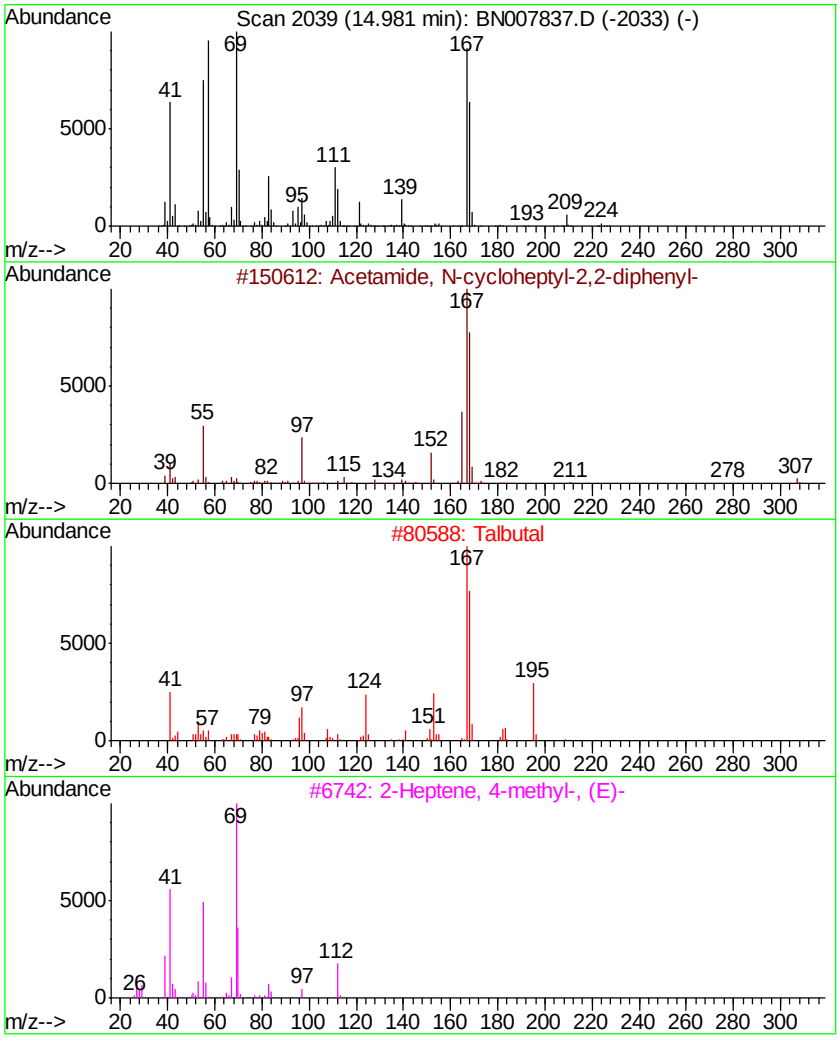
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

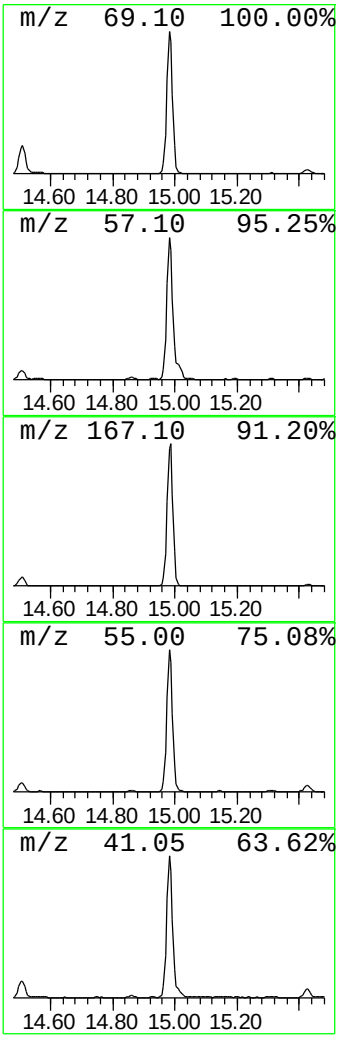
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	15.57 ng/ul	6960620	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	35
2	Talbutal	224	C11H16N2O3	000115-44-6	27
3	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	25
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	25
5	4-Methyl-2-heptene	112	C8H16	003404-56-6	25





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Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
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Sample : K4985-04
Misc :
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Instrument : BNA_N
ClientSampleId : ETJR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

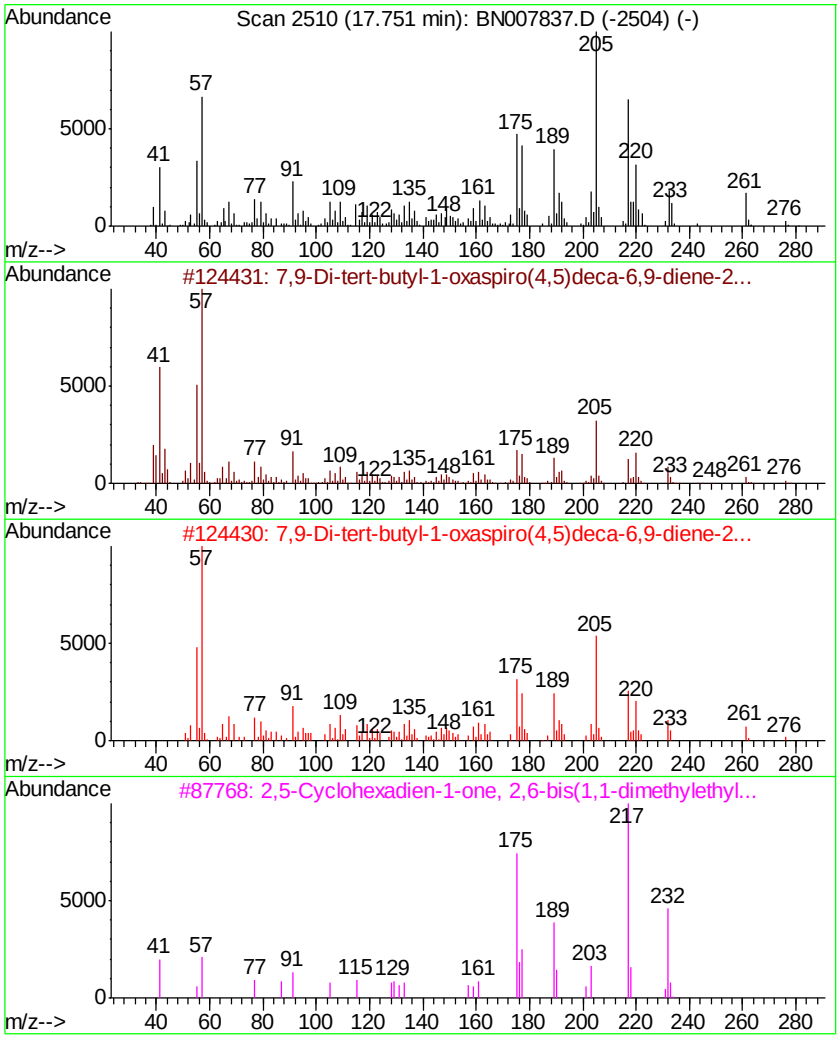
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

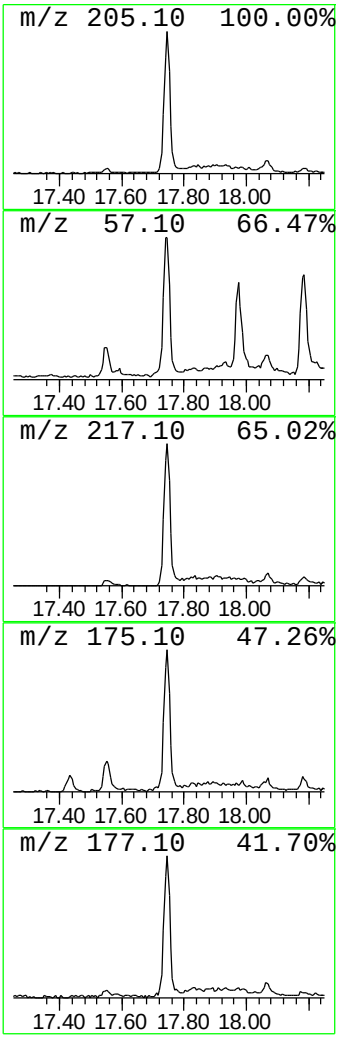
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	2.75 ng/ul	1203280	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	41
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	35





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Data File : BN007837.D
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Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

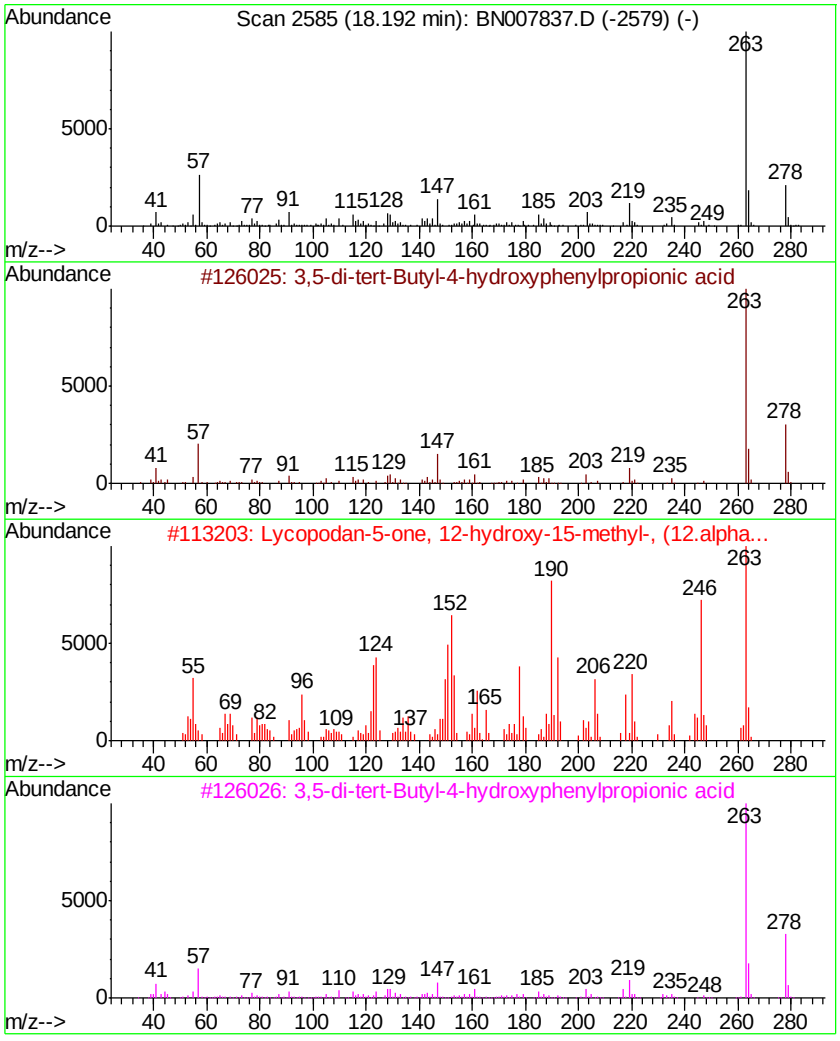
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

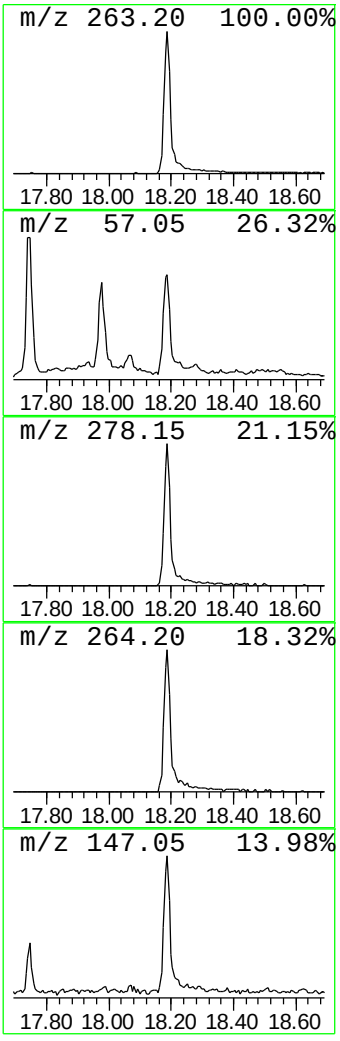
****

Peak Number 4 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.17 ng/ul	949499	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	94
2	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	91
3	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	60
4	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	52
5	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	50





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Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

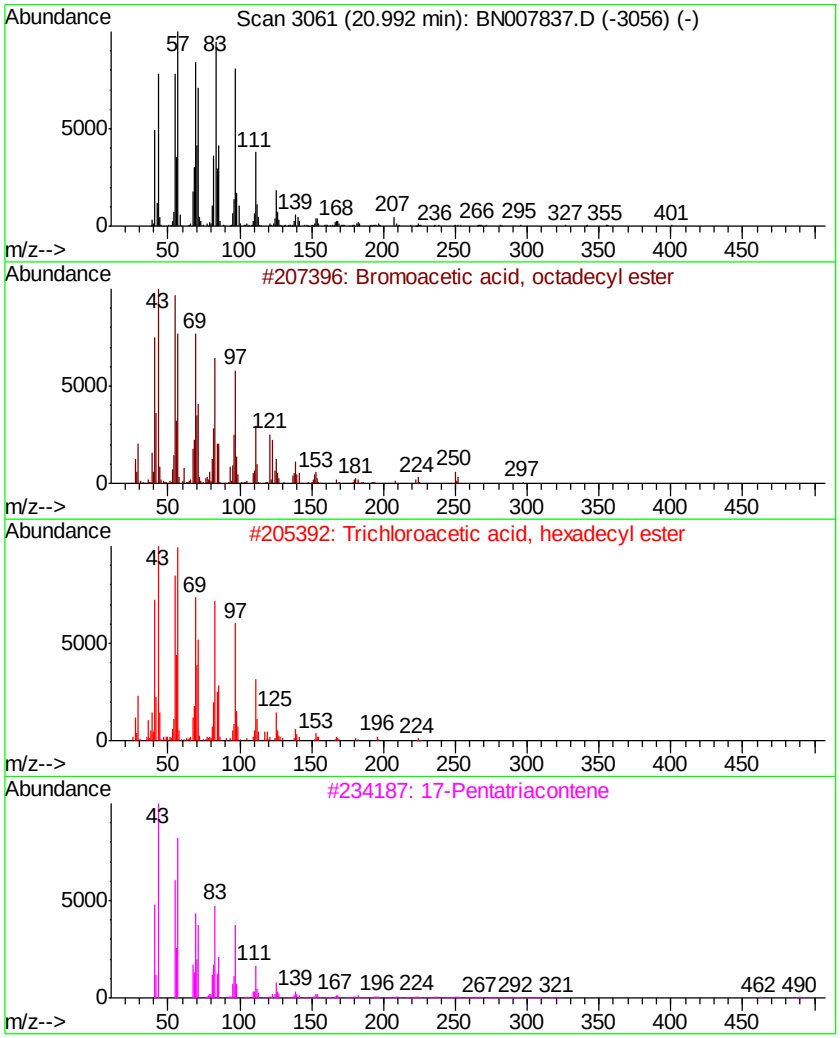
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

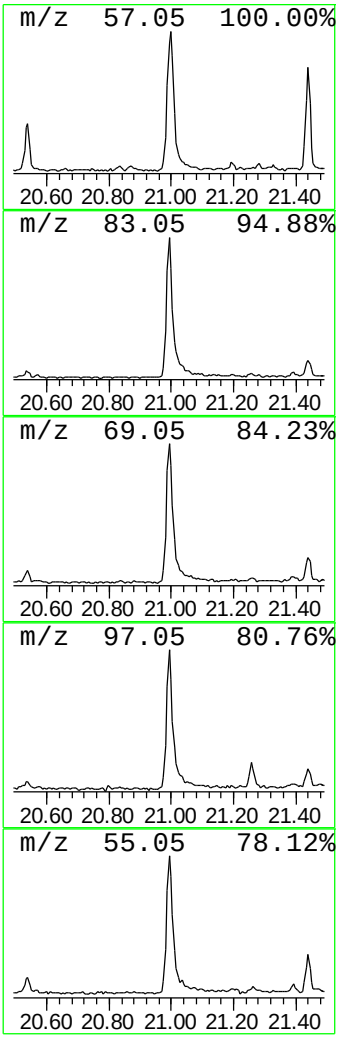
****

Peak Number 5 Bromoacetic acid, octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.47 ng/ul	1294570	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092419\
Data File : BN007837.D
Acq On : 24 Sep 2019 15:35
Operator : JU
Sample : K4985-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ETJR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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
3H-Benz[e]indene,...	13.86	10.8	ng/ul	4846160	3	14.32	8943430	20.0
unknown-01	14.98	15.6	ng/ul	6960620	3	14.32	8943430	20.0
7,9-Di-tert-butyl...	17.75	2.8	ng/ul	1203280	4	17.06	8758750	20.0
3,5-di-tert-Butyl...	18.19	2.2	ng/ul	949499	4	17.06	8758750	20.0
Bromoacetic acid,...	20.99	2.5	ng/ul	1294570	5	21.26	10488800	20.0