LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

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-BN041919MA.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	5.158	363	369	379	rVB	328183	496589	1.85%	0.239%
2	5.640	443	451	460	rVB	244776	421890	1.58%	0.203%
3	6.764	634	642	648	rVV2	362108	783745	2.93%	0.377%
4	6.928	662	670	676	rBV	310838	488360	1.82%	0.235%
5	7.122	697	703	710	rBV	378678	623204	2.33%	0.300%
6	7.240	714	723	730	rVV3	565612	1053375	3.93%	0.507%
7	7.581	771	781	790	rBV	458457	767473	2.87%	0.369%
8	8.105	860	870	879	rBV	2671861	4367874	16.31%	2.102%
9	8.287	895	901	908	rVV	390556	697762	2.61%	0.336%
10	8.728	970	976	984	rVV	401604	776634	2.90%	0.374%
11	8.799	984	988	992	rVV	302751	427164	1.60%	0.206%
12	9.440	1088	1097	1102	rBV	349151	613048	2.29%	0.295%
13	9.781	1145	1155	1160	rBV4	477385	1204770	4.50%	0.580%
14	9.846	1160	1166	1171	rBV	342463	659553	2.46%	0.317%
15	9.975	1182	1188	1196	rVB	445778	809608	3.02%	0.390%
16	10.340	1241	1250	1254	rVV2	1004628	2105170	7.86%	1.013%
17	10.405	1254	1261	1268	rVV	14942292	26778384	100.00%	12.885%
18	10.510	1268	1279	1285	rVV3	487384	1527825	5.71%	0.735%
19	11.381	1414	1427	1431	rBV2	376039	730194	2.73%	0.351%
20	11.787	1489	1496	1503	rBV	502132	844809	3.15%	0.407%
21	12.016	1525	1535	1542	rVB	6534499	10702555	39.97%	5.150%
22	12.234	1560	1572	1582	rBV	3925241	6505473	24.29%	3.130%
23	12.757	1656	1661	1665	rVV	399610	569408	2.13%	0.274%
24	13.046	1701	1710	1718	rBV	987483	1849022	6.90%	0.890%
25	13.240	1736	1743	1755	rVB	1020280	1867550	6.97%	0.899%
26	13.375	1759	1766	1767	rBV	1073897	1480743	5.53%	0.713%
27	13.534	1783	1793	1798	rVV	1783419	3203727	11.96%	1.542%
28	13.587	1798	1802	1806	rVV	1144562	1737459	6.49%	0.836%
29	13.634	1806	1810	1814	rVV	1040353	1542250	5.76%	0.742%
30	13.716	1820	1824	1828	rVV3	398810	605024	2.26%	0.291%
31	13.775	1828	1834	1837	rVV2	877341	1482002	5.53%	0.713%
32	13.904	1850	1856	1858	rVV	1112848	1655991	6.18%	0.797%
33	13.934	1858	1861	1874	rVB2	2196979	3356985	12.54%	1.615%
34	14.216	1900	1909	1915	rVV3	1051185	2280905	8.52%	1.098%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

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-BN041919MA.M
Title : SVOA CALIBRATION

35	14.281	1915	1920	1929	rVB	2983717	4587017	17.13%	2.207%
36	14.446	1940	1948	1956	rBV3	375591	956160	3.57%	0.460%
37	14.622	1967	1978	1986	rBV	753209	1595685	5.96%	0.768%
38	14.698	1986	1991	1998	rVB	463529	670453	2.50%	0.323%
39	14.834	2008	2014	2020	rBV4	440320	966931	3.61%	0.465%
40	14.898	2020	2025	2029	rVB	350414	467013	1.74%	0.225%
41	15.016	2037	2045	2048	rBV2	274571	644371	2.41%	0.310%
42	15.093	2054	2058	2064	rVB	605835	848636	3.17%	0.408%
43	15.216	2074	2079	2084	rVB	1801408	2607908	9.74%	1.255%
44	15.275	2084	2089	2101	rVB	3128905	4725991	17.65%	2.274%
45	15.369	2101	2105	2107	rBV2	362197	466458	1.74%	0.224%
46	15.487	2119	2125	2134	rVB5	341908	865578	3.23%	0.417%
47	15.569	2134	2139	2143	rBV2	282947	473423	1.77%	0.228%
48	15.687	2154	2159	2163	rBV	780514	1107965	4.14%	0.533%
49	16.281	2253	2260	2265	rVV2	603851	1293645	4.83%	0.622%
50	16.328	2265	2268	2272	rVB	400853	530970	1.98%	0.255%
51	16.428	2280	2285	2290	rBV	382260	584574	2.18%	0.281%
52	16.640	2317	2321	2327	rVB2	286086	418900	1.56%	0.202%
53	16.793	2341	2347	2355	rVV	982529	1697704	6.34%	0.817%
54	16.975	2372	2378	2381	rBV	1156216	1692067	6.32%	0.814%
55	17.022	2381	2386	2391	rVV	10237883	14921080	55.72%	7.180%
56	17.075	2391	2395	2397	rVV	1473546	1992846	7.44%	0.959%
57	17.110	2397	2401	2407	rVV	2634242	3692526	13.79%	1.777%
58	17.181	2407	2413	2418	rVV3	238321	584040	2.18%	0.281%
59	17.387	2444	2448	2460	rVB3	222881	460737	1.72%	0.222%
60	17.498	2462	2467	2471	rBV	343583	432412	1.61%	0.208%
61	17.557	2472	2477	2483	rBV2	474648	734116	2.74%	0.353%
62	17.698	2496	2501	2509	rVB2	375512	716758	2.68%	0.345%
63	17.857	2522	2528	2532	rVV	1896643	2847716	10.63%	1.370%
64	17.904	2532	2536	2542	rVV	2156152	2909136	10.86%	1.400%
65	17.987	2544	2550	2554	rBV	737817	1037859	3.88%	0.499%
66	18.045	2554	2560	2564	rVV2	2560135	4473062	16.70%	2.152%
67	18.087	2564	2567	2574	rVB	1278463	1736318	6.48%	0.835%
68	18.363	2609	2614	2618	rBV	1006844	1371331	5.12%	0.660%
69	18.787	2676	2686	2690	rBV2	923656	1636720	6.11%	0.788%
70	18.851	2690	2697	2700	rBV4	428912	810700	3.03%	0.390%
71	19.051	2725	2731	2739	rBV	4948552	6673562	24.92%	3.211%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

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-BN041919MA.M
Title : SVOA CALIBRATION

72	19.204	2753	2757	2762	rVV	1613252	2108003	7.87%	1.014%
73	19.392	2783	2789	2790	rBV	1949241	2390896	8.93%	1.150%
74	19.422	2790	2794	2803	rVB	6480530	8958903	33.46%	4.311%
75	19.763	2845	2852	2861	rBV3	505804	1103803	4.12%	0.531%
76	19.898	2868	2875	2876	rBV2	512507	867818	3.24%	0.418%
77	19.928	2876	2880	2885	rVB	1299078	1892586	7.07%	0.911%
78	20.028	2893	2897	2902	rVB	1174895	1468819	5.49%	0.707%
79	20.086	2902	2907	2911	rBV	761141	920851	3.44%	0.443%
80	20.228	2927	2931	2934	rVV	584359	768457	2.87%	0.370%
81	20.275	2934	2939	2948	rVB	857252	1391235	5.20%	0.669%
82	20.851	3034	3037	3041	rVV	435465	641620	2.40%	0.309%
83	20.892	3041	3044	3047	rVV	611460	754335	2.82%	0.363%
84	20.928	3047	3050	3055	rVV	373076	598450	2.23%	0.288%
85	21.204	3091	3097	3102	rBV3	3133247	6090714	22.74%	2.931%
86	21.251	3102	3105	3116	rVB	2136605	2999201	11.20%	1.443%
87	21.775	3188	3194	3199	rVV	660873	1215937	4.54%	0.585%
88	21.828	3199	3203	3208	rVV	353464	550667	2.06%	0.265%
89	21.892	3209	3214	3217	rVV2	241597	468171	1.75%	0.225%
90	21.969	3223	3227	3229	rVV2	326589	433578	1.62%	0.209%
91	21.998	3229	3232	3238	rVB2	456750	674351	2.52%	0.324%
92	22.780	3359	3365	3376	rBV	968393	2814711	10.51%	1.354%
93	22.945	3388	3393	3401	rVB	329123	574866	2.15%	0.277%
94	23.245	3438	3444	3448	rBV	622630	1163003	4.34%	0.560%
95	23.292	3448	3452	3456	rVV2	1048961	1869133	6.98%	0.899%
96	23.339	3456	3460	3466	rVV	1288372	2236620	8.35%	1.076%
97	23.433	3470	3476	3481	rVV	792420	1551487	5.79%	0.747%
98	23.480	3481	3484	3493	rVB3	235671	476298	1.78%	0.229%
99	25.621	3839	3848	3858	rVB	349977	978818	3.66%	0.471%
100	26.286	3954	3961	3971	rVB2	212392	606870	2.27%	0.292%

Sum of corrected areas: 207819094

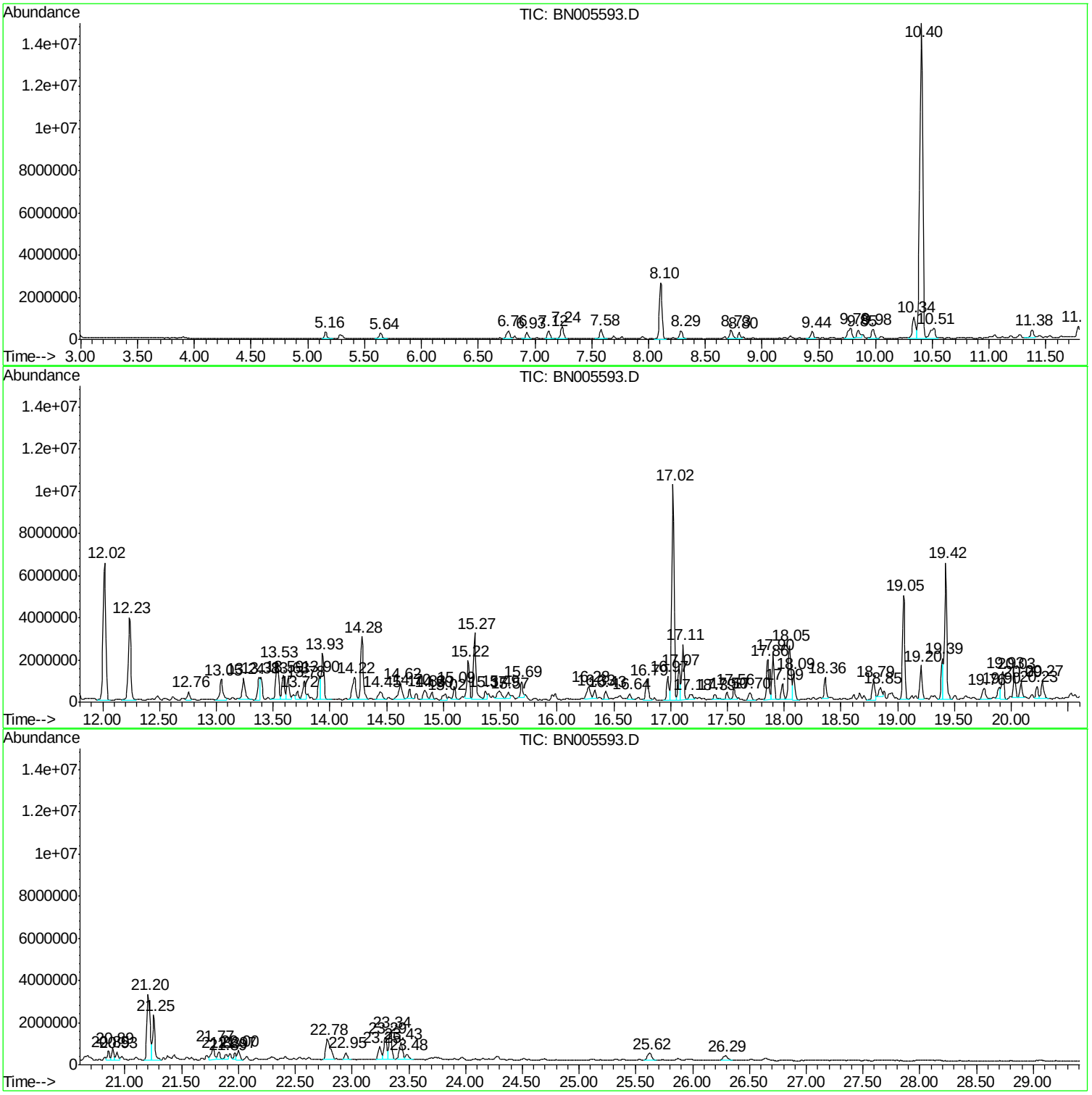
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
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Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

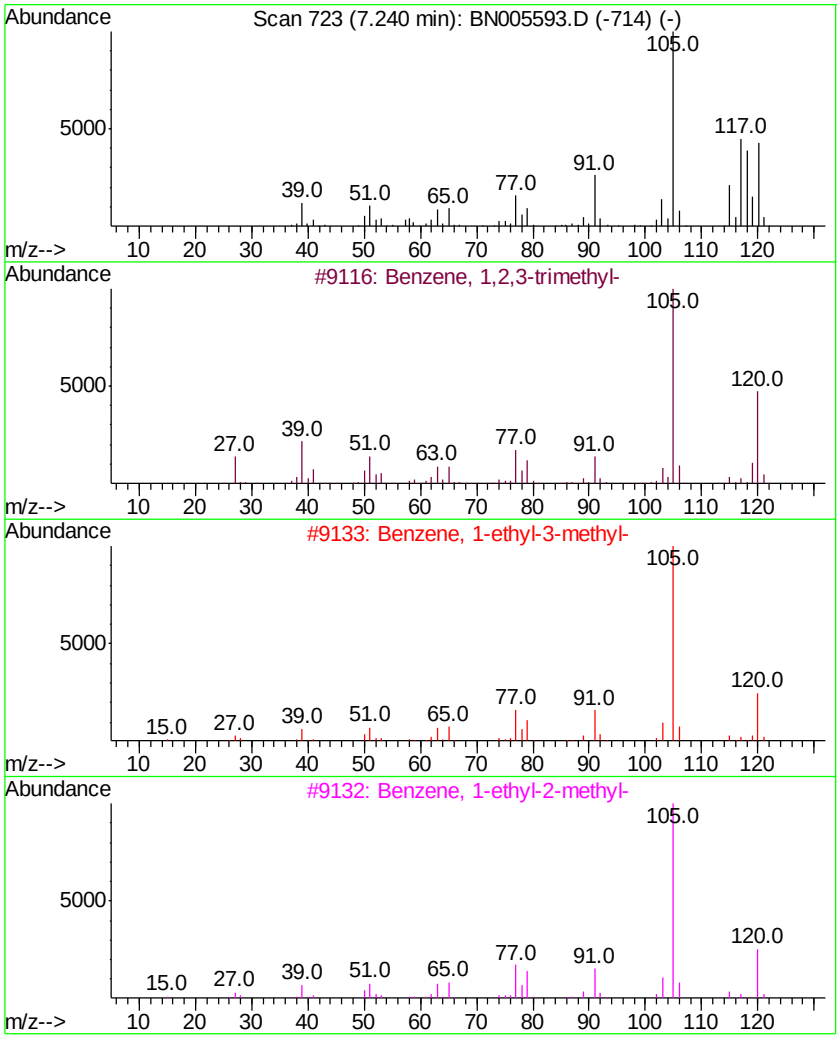
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

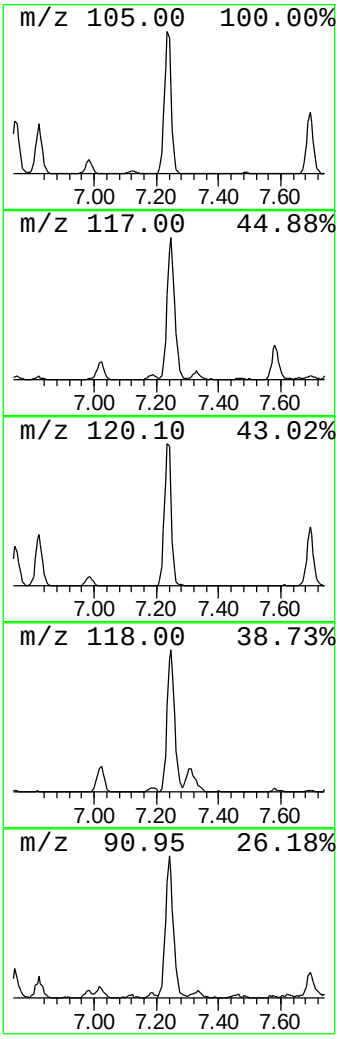
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	27.45 ng/ul	1053380	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	42
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
5	2,4-Nonadiyne	120	C9H12	063621-15-8	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

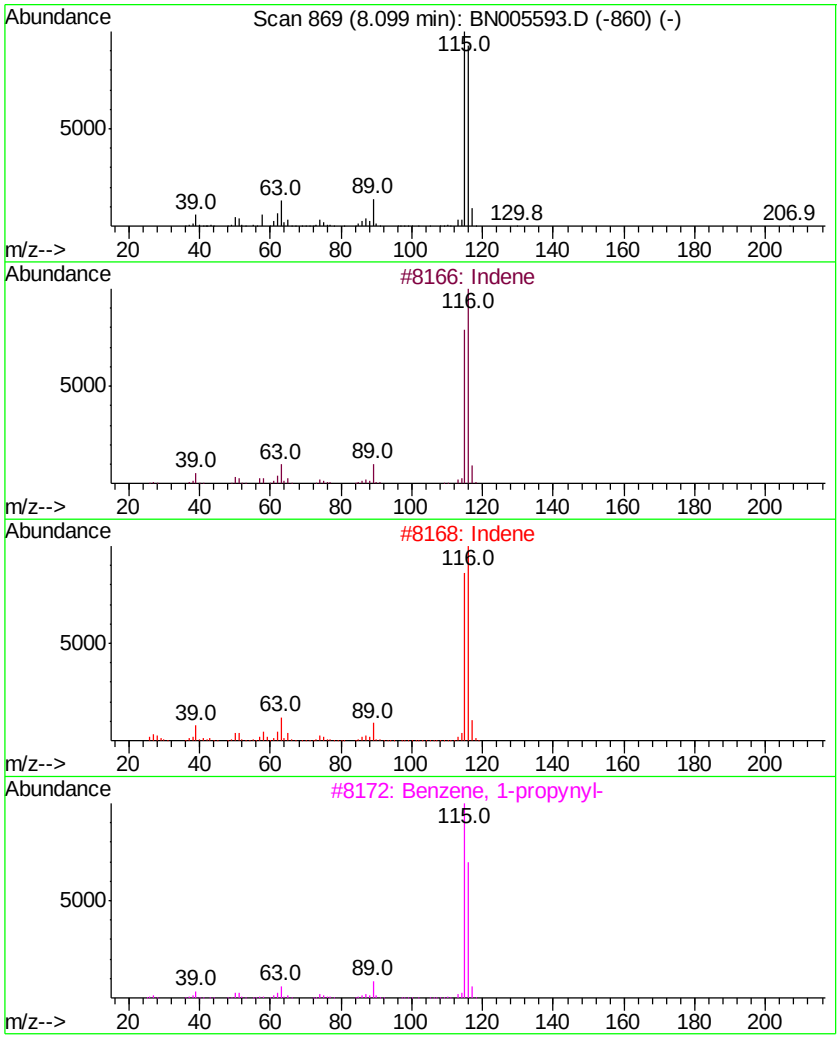
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

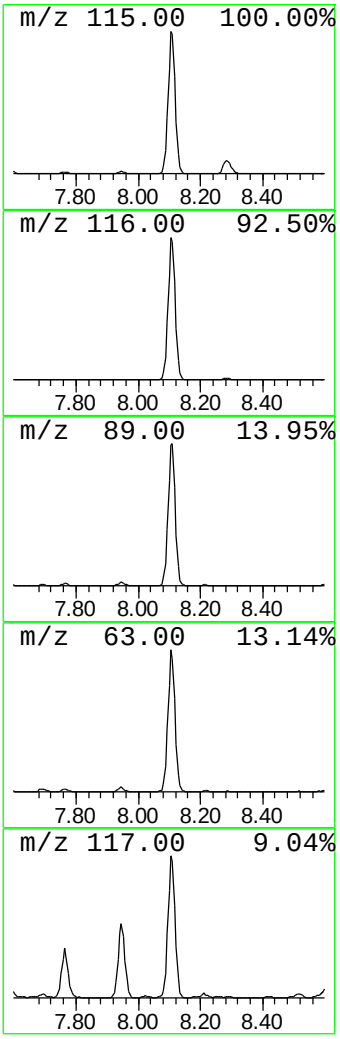
****

Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	113.83 ng/ul	4367870	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

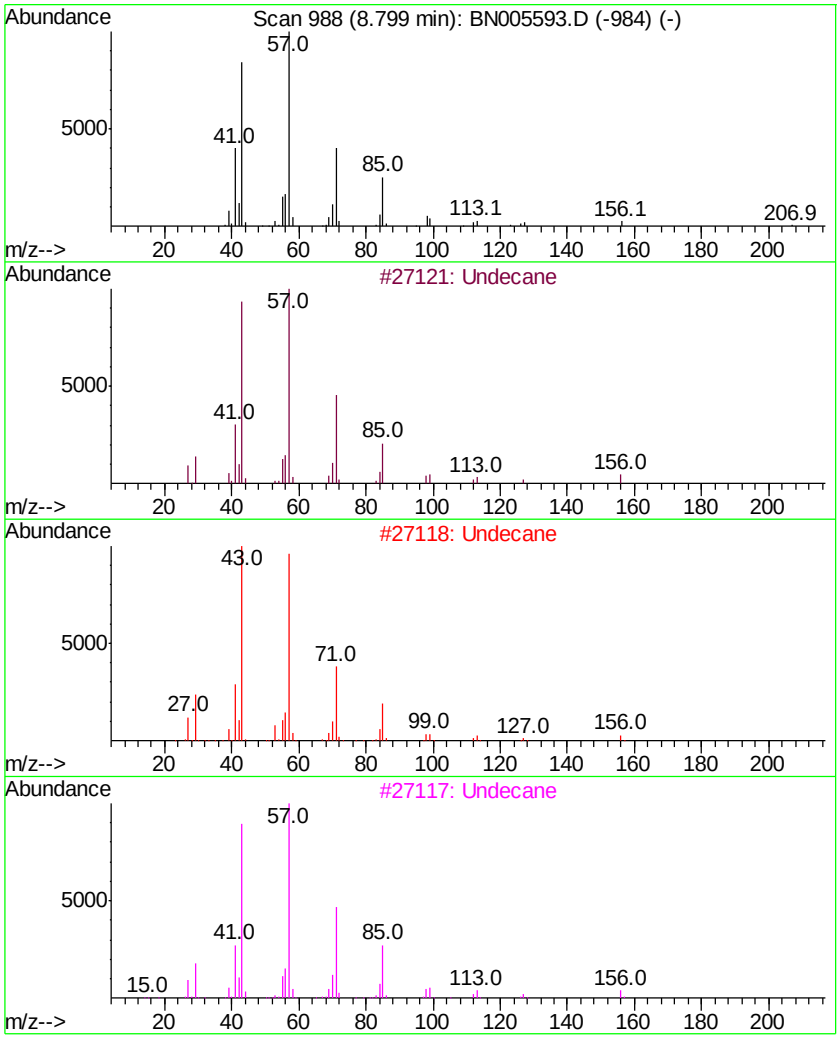
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

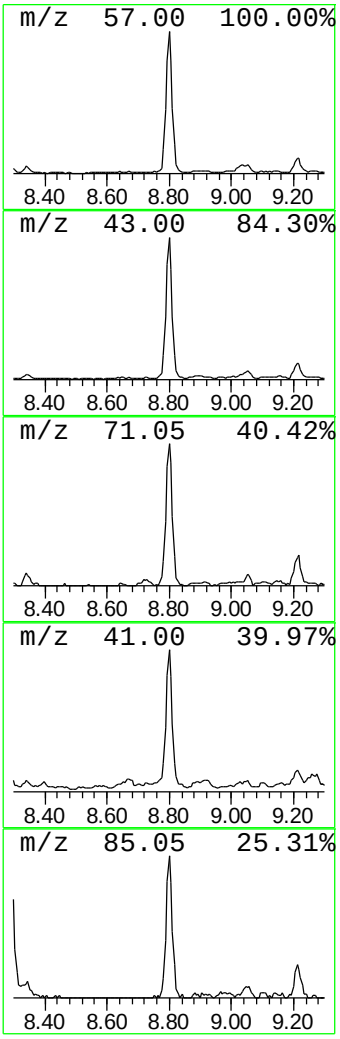
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	11.13 ng/ul	427164	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane	184	C13H28	000629-50-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

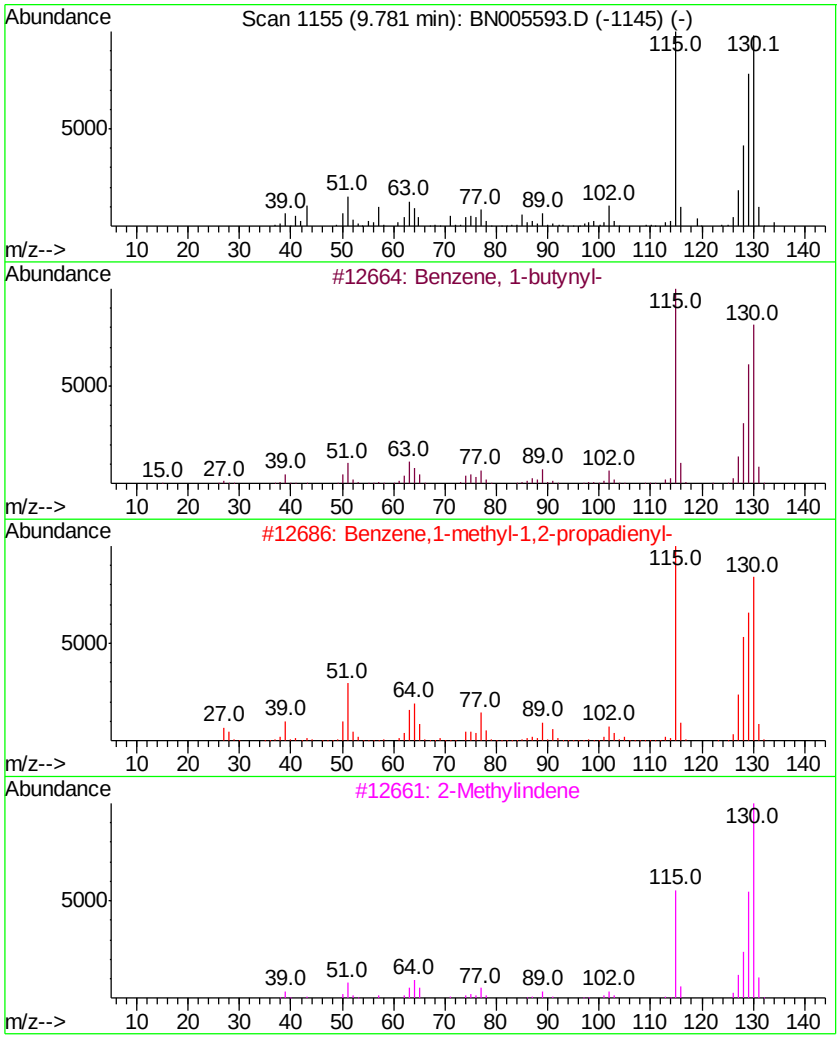
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

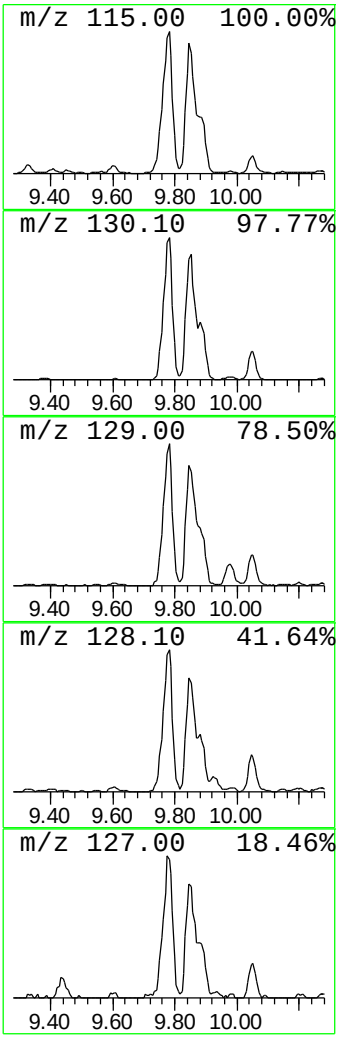
****

Peak Number 6 Benzene, 1-butynyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	11.45 ng/ul	1204770	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	97
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	2-Methylindene	130	C10H10	002177-47-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

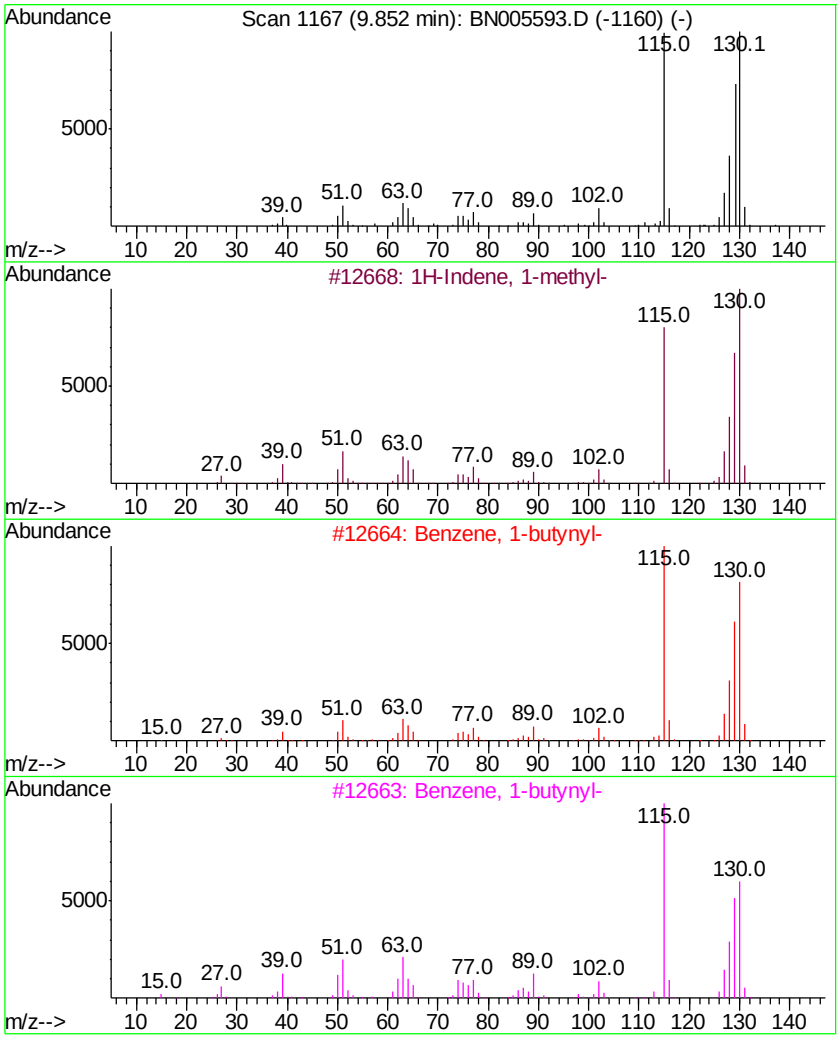
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

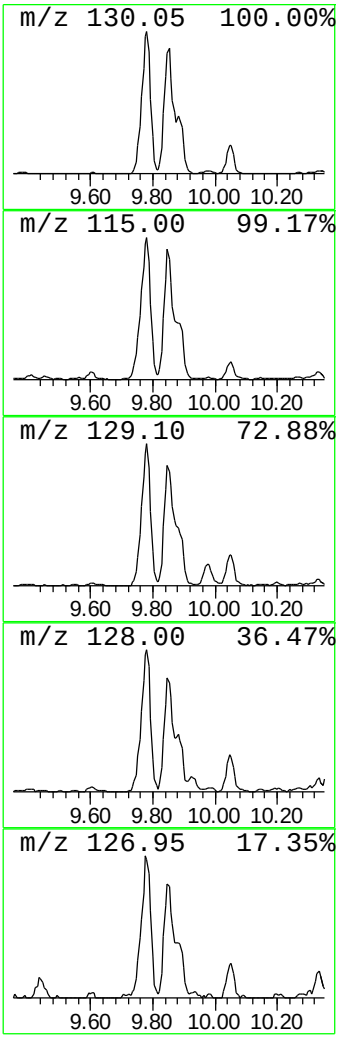
****

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	6.27 ng/ul	659553	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	2-Methylindene	130	C10H10	002177-47-1	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





Library Search Compound Report

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Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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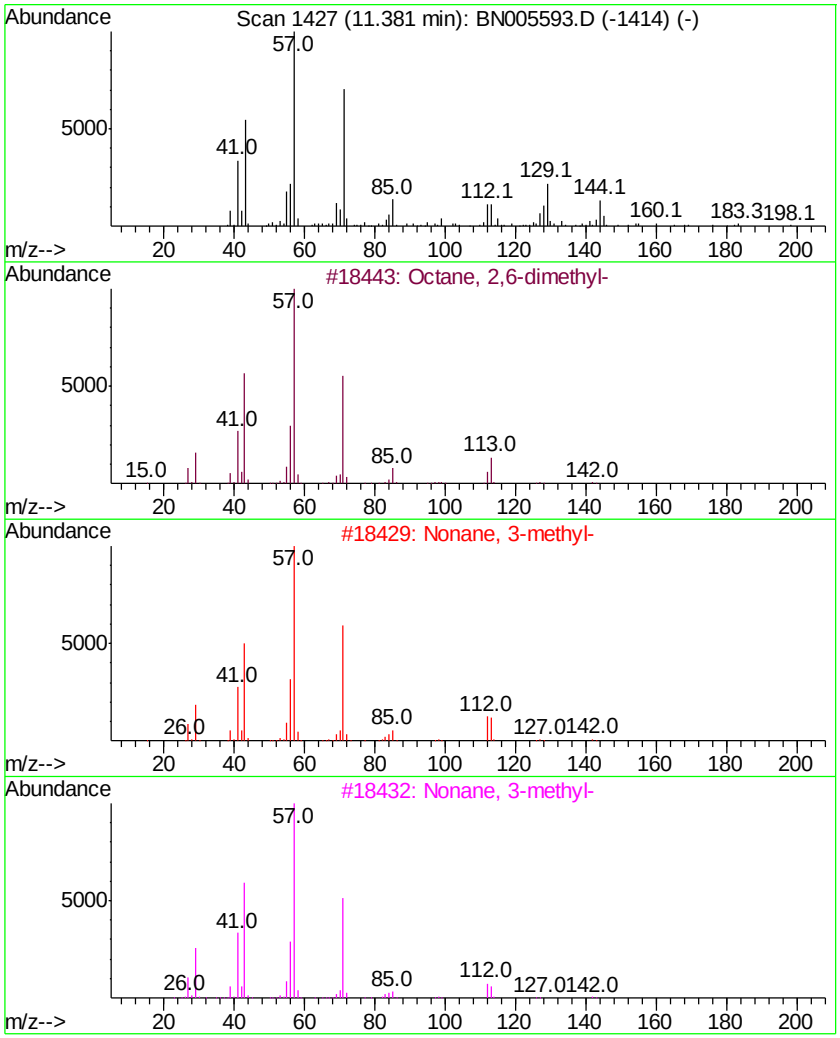
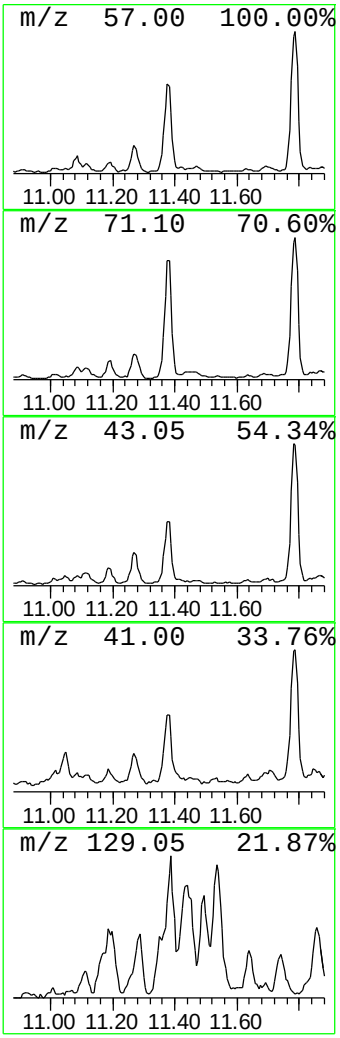
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	6.94 ng/ul	730194	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	52
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47





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Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

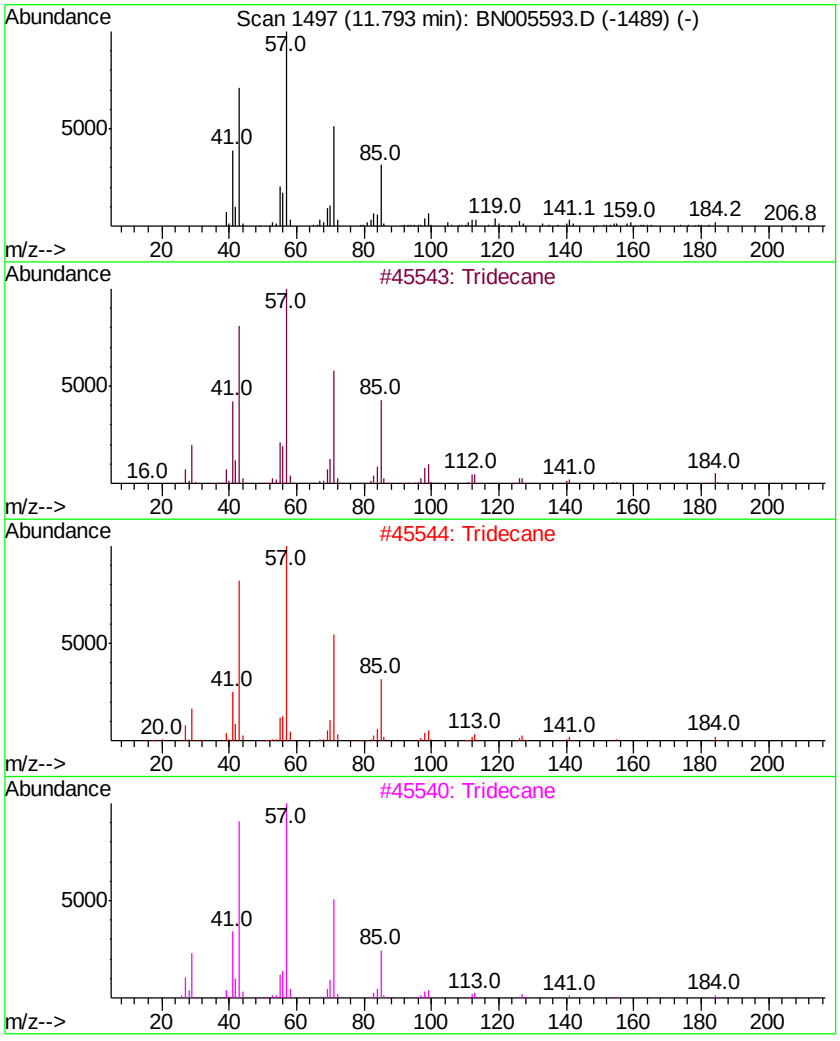
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

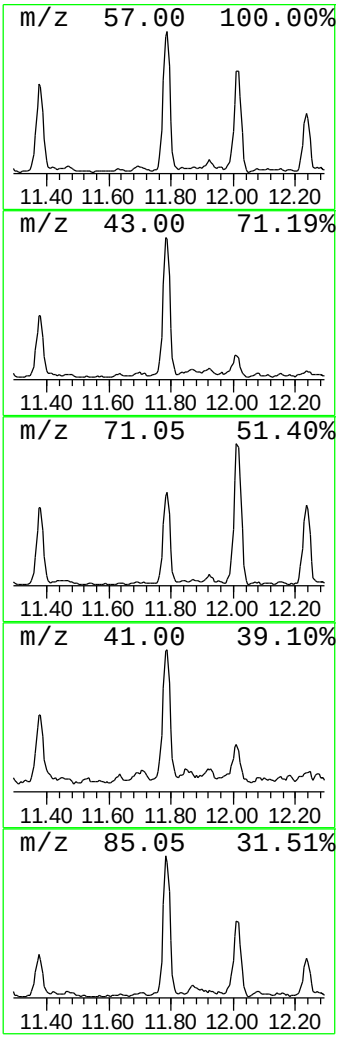
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.03 ng/ul	844809	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	93
4	Decane	142	C10H22	000124-18-5	93
5	Tridecane	184	C13H28	000629-50-5	90





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

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Quant Title : SVOA CALIBRATION

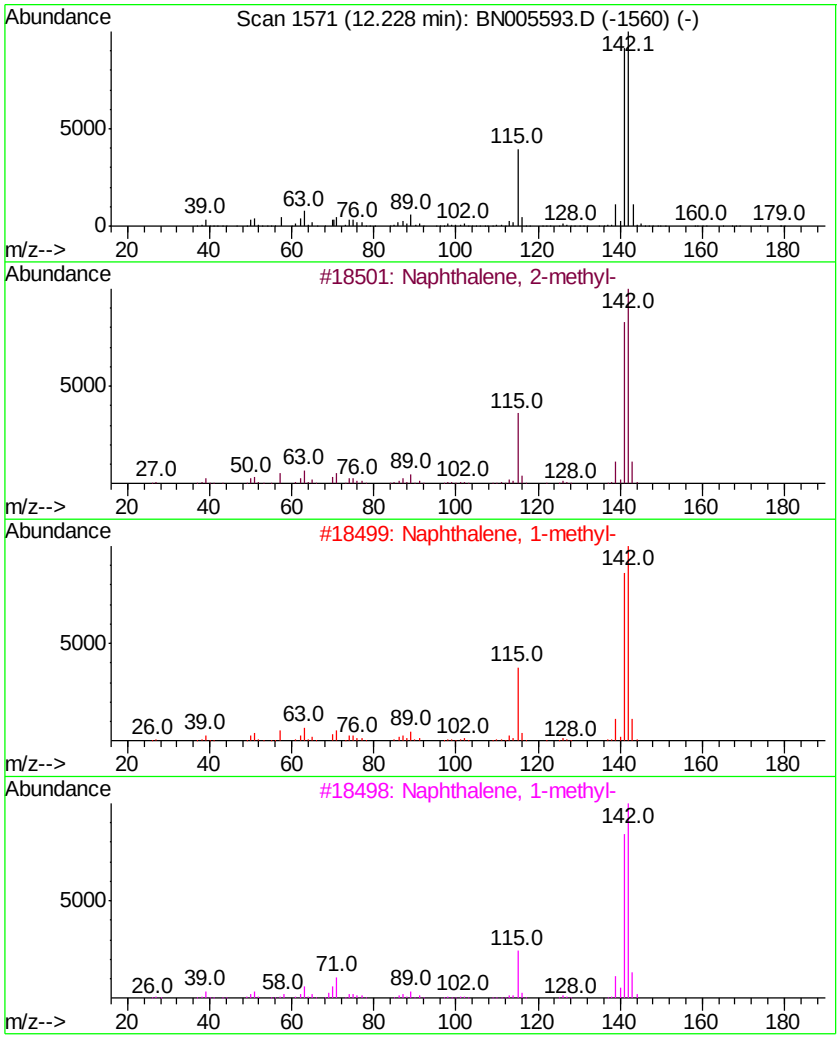
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

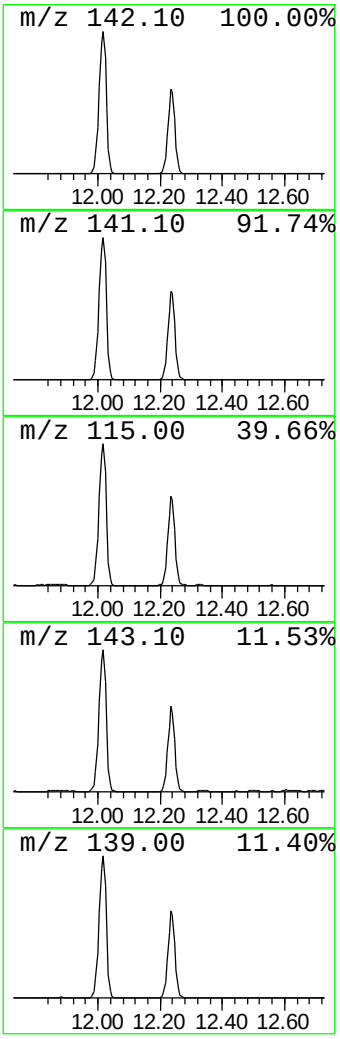
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	61.80 ng/ul	6505470	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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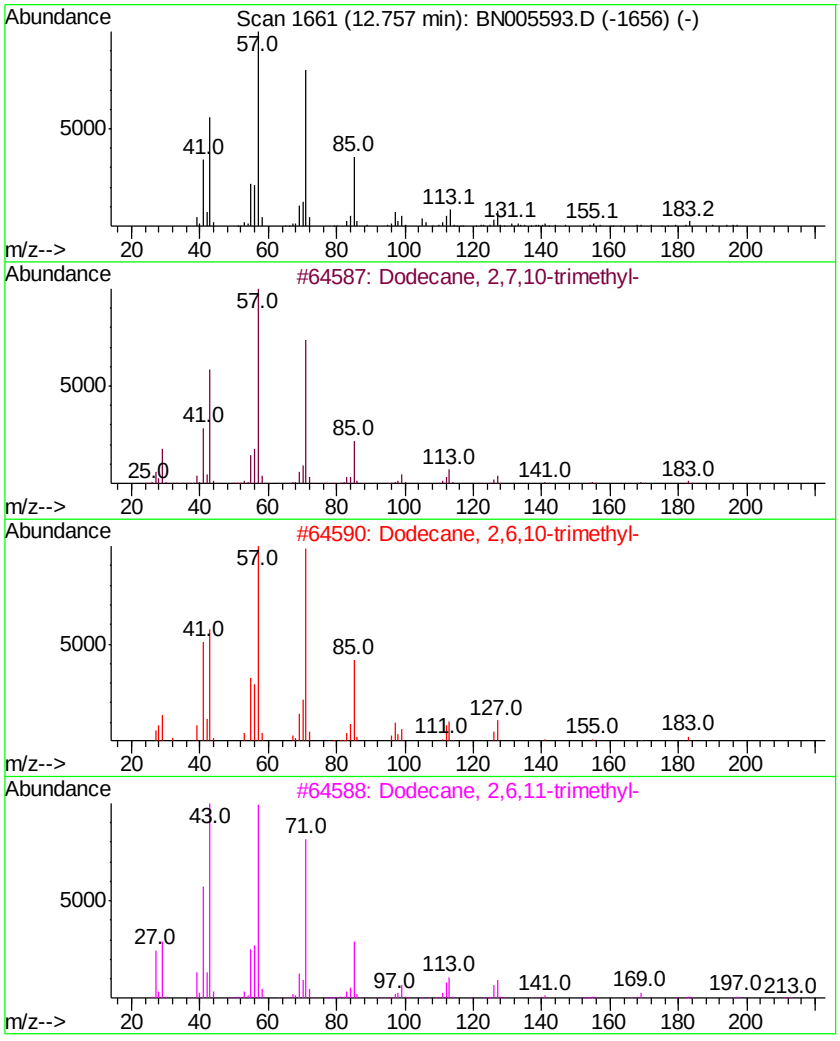
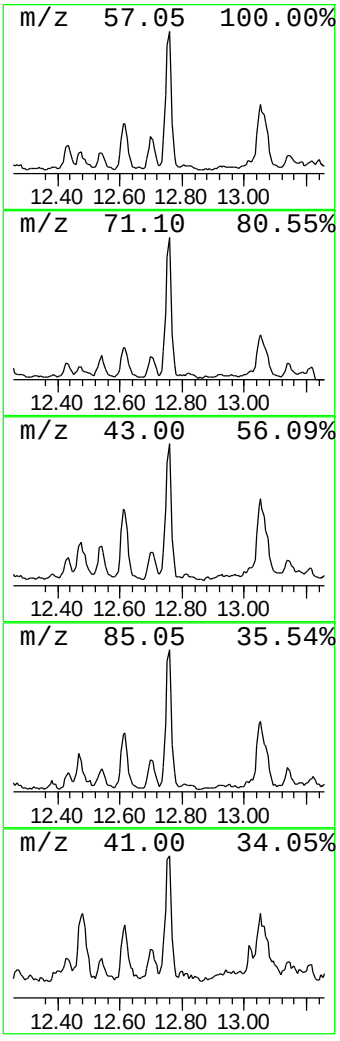
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	4.99 ng/ul	569408	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90





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Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	16.38 ng/ul	1867550	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
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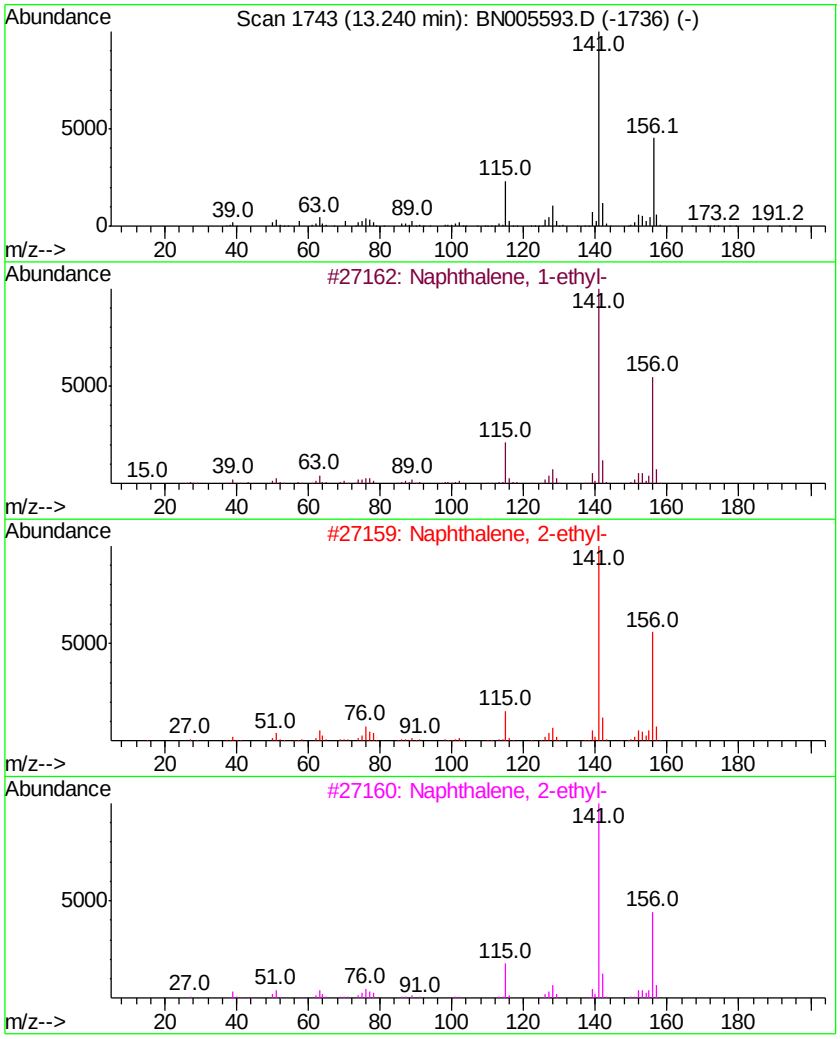

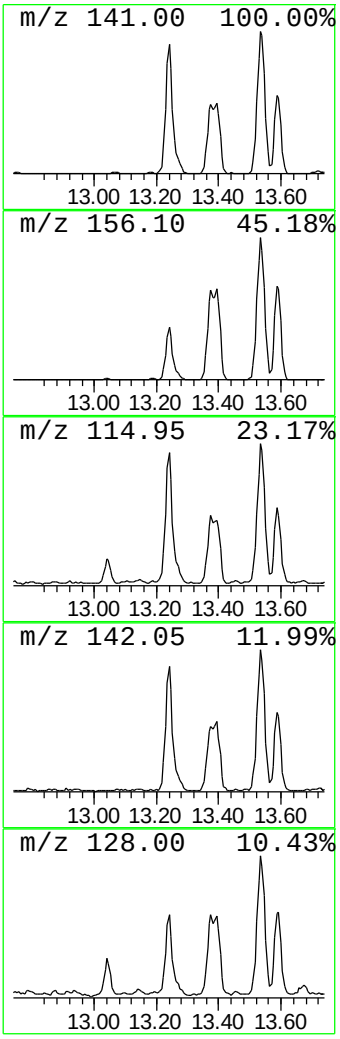

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Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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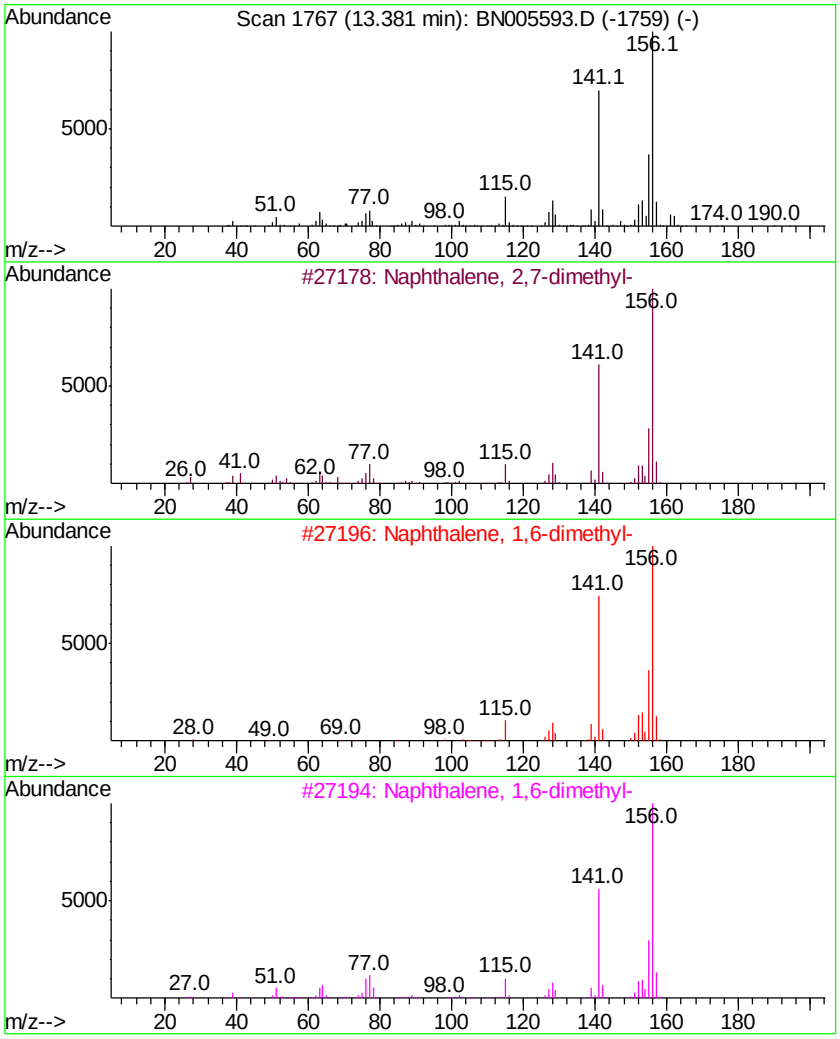
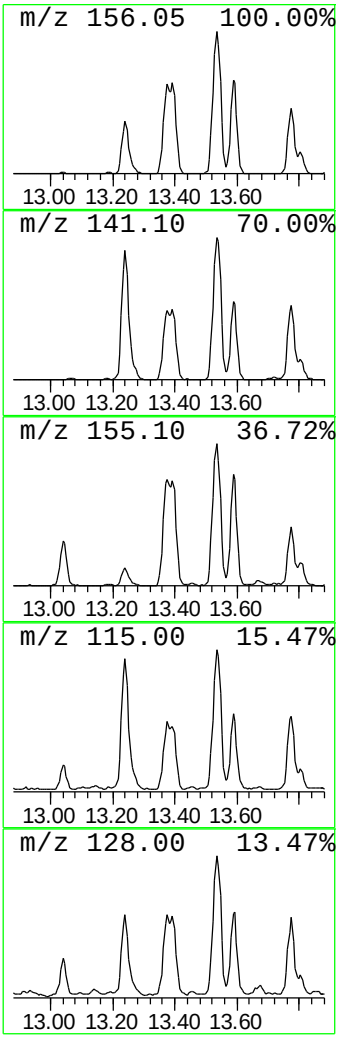
Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	12.98 ng/ul	1480740	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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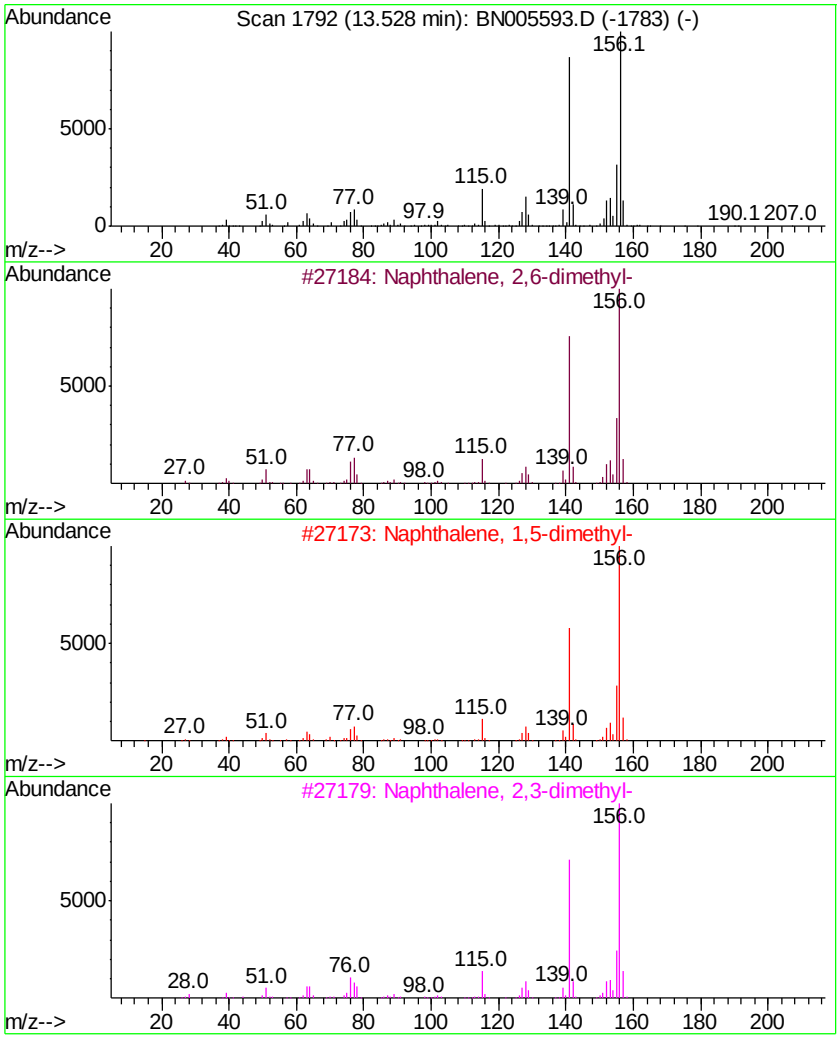
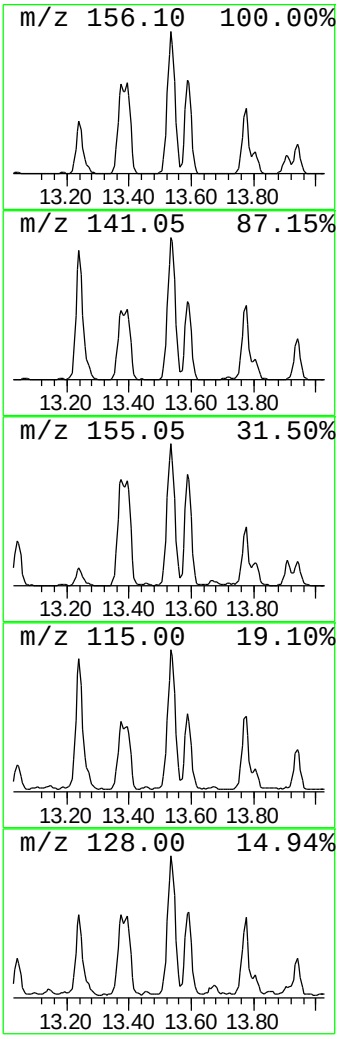
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	28.09 ng/ul	3203730	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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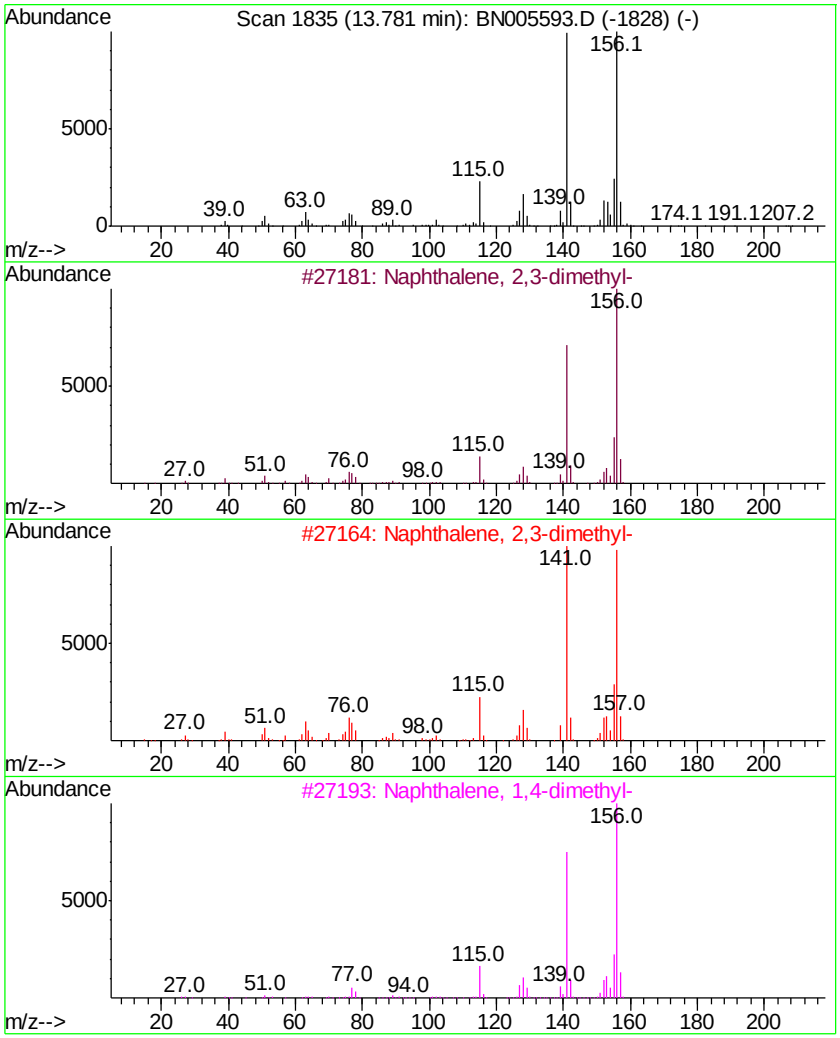
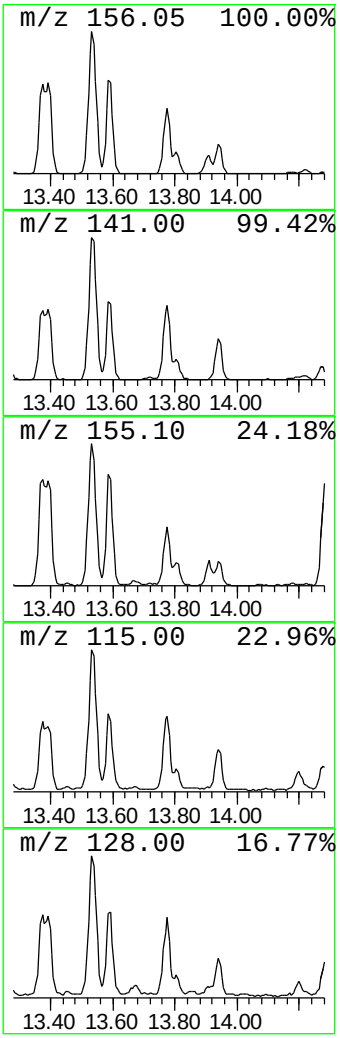
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	12.99 ng/ul	1482000	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : K2603-10ME
Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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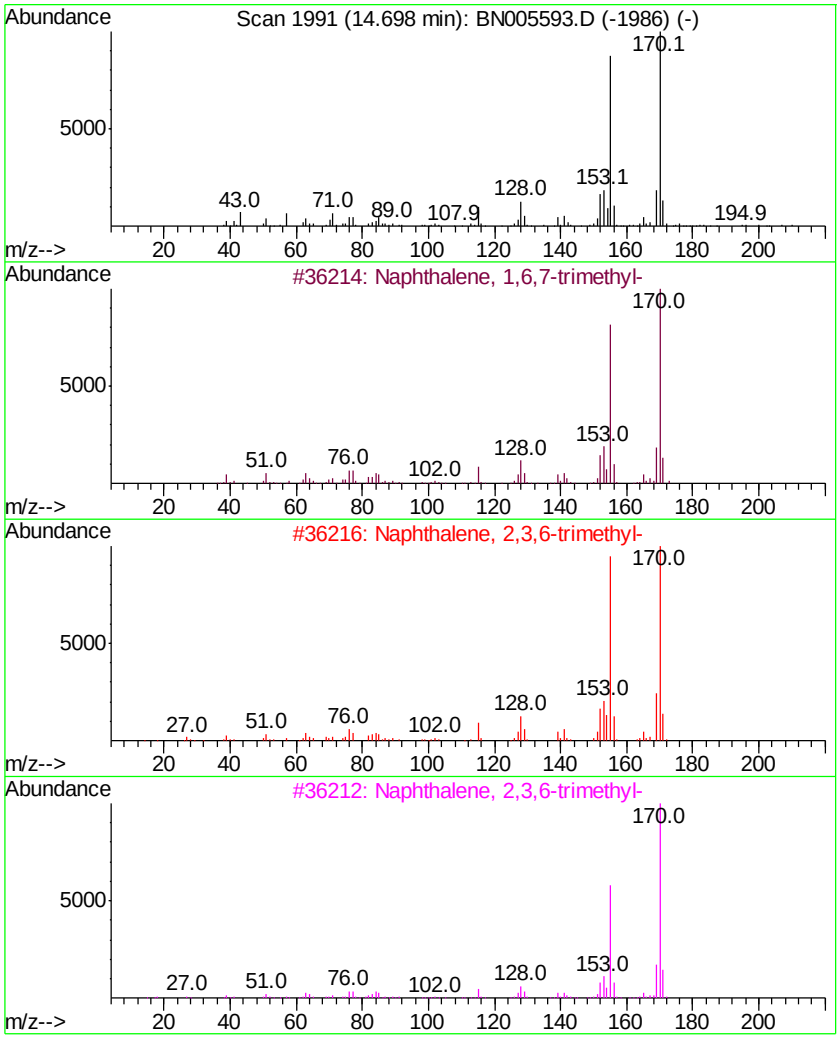
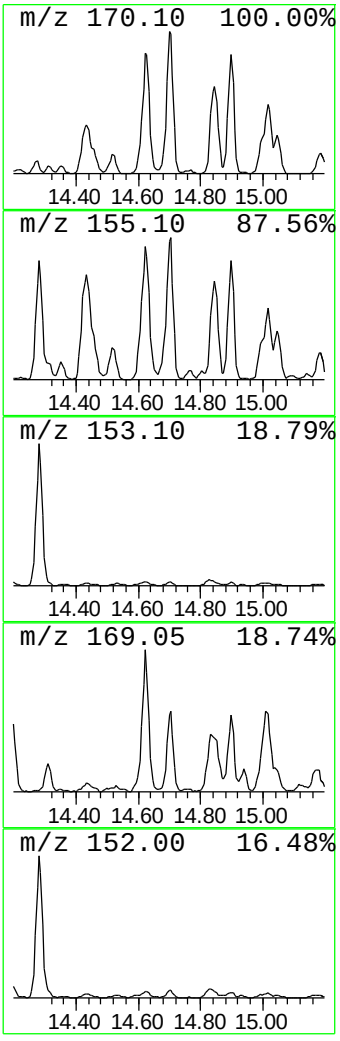
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.88 ng/ul	670453	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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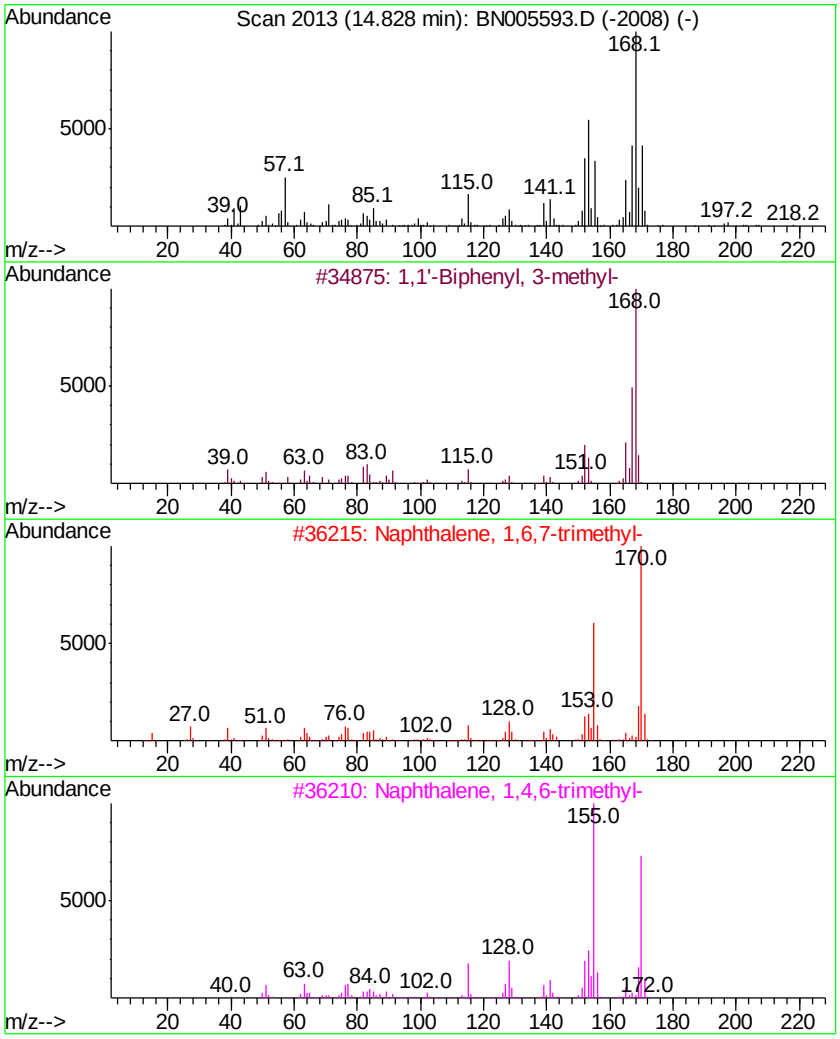
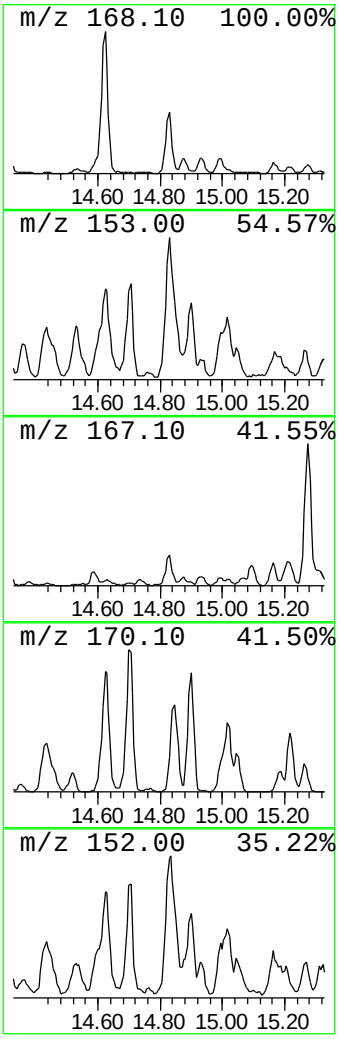
Peak Number 17 1,1'-Biphenyl, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	8.48 ng/ul	966931	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	59
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	52
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50





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Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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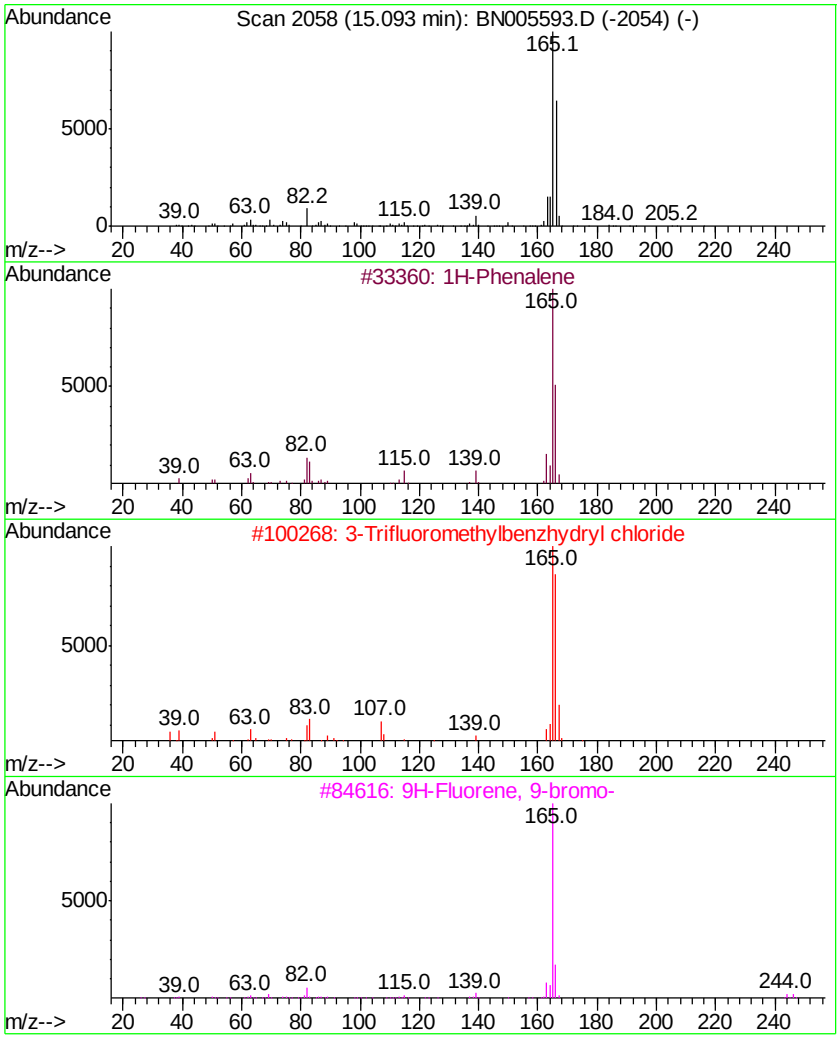
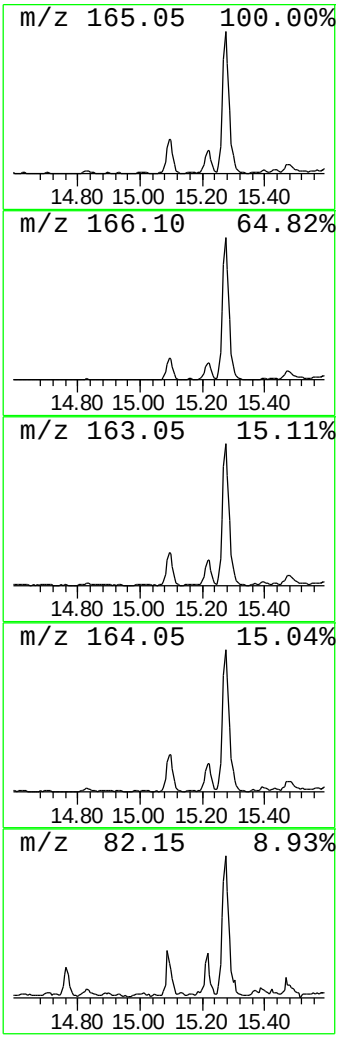
Peak Number 20 1H-Phenalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	7.44 ng/ul	848636	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
4	Fluorene	166	C13H10	000086-73-7	52
5	Fluorene	166	C13H10	000086-73-7	52





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Operator : JU/SJ
Sample : K2603-10ME
Misc :
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Quant Title : SVOA CALIBRATION

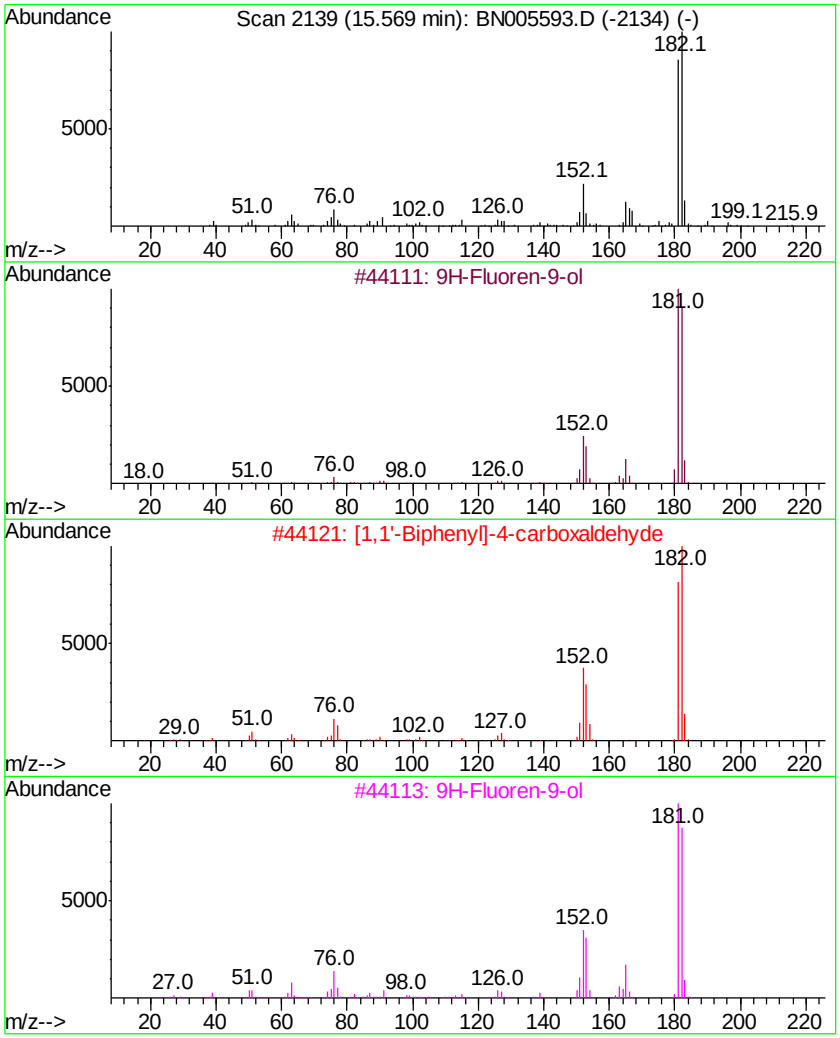
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

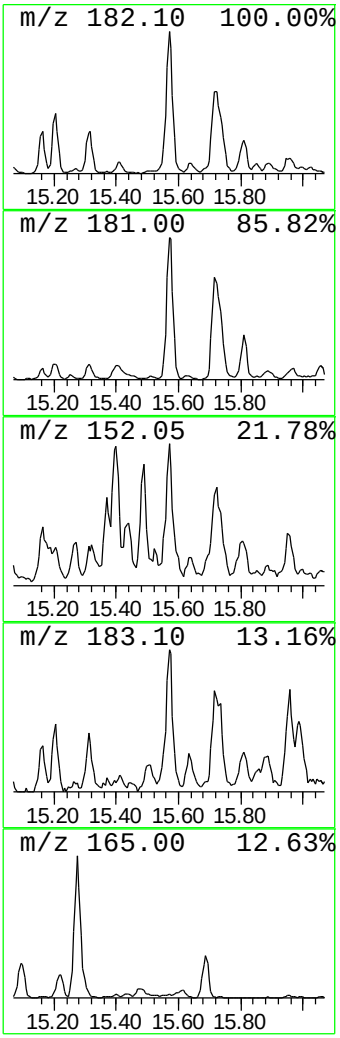
****

Peak Number 22 9H-Fluoren-9-ol Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.15 ng/ul	473423	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

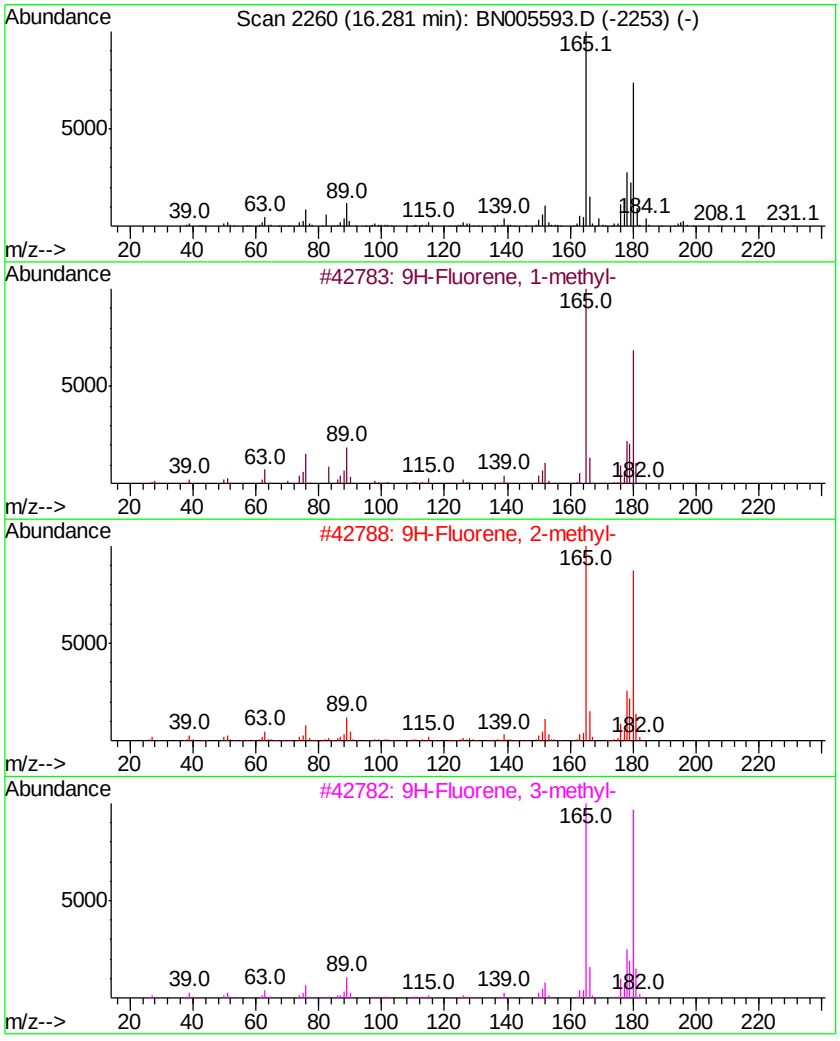
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

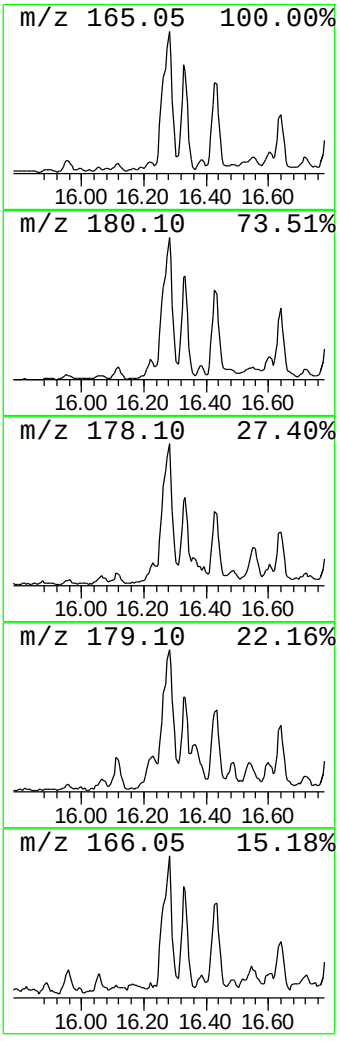
****

Peak Number 24 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	15.29 ng/ul	1293650	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

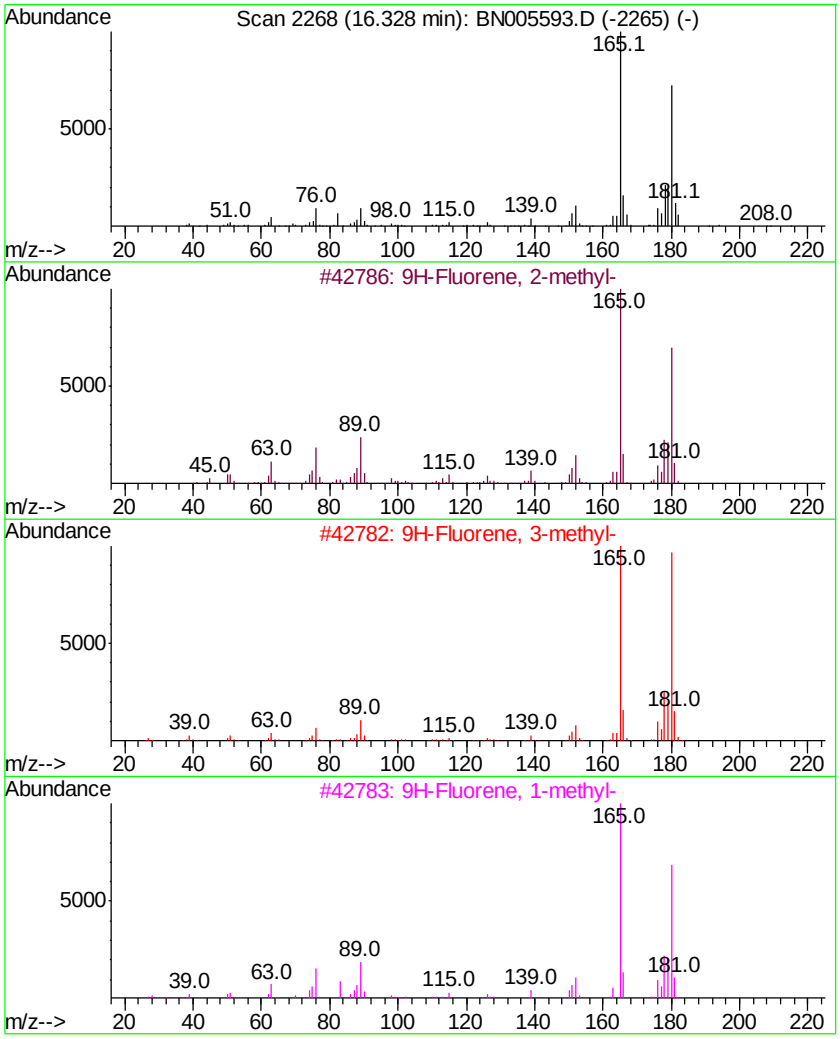
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

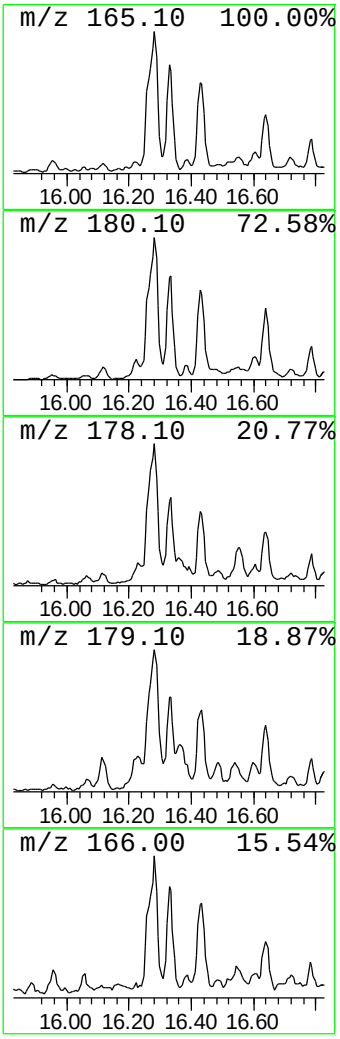
****

Peak Number 25 9H-Fluorene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	6.28 ng/ul	530970	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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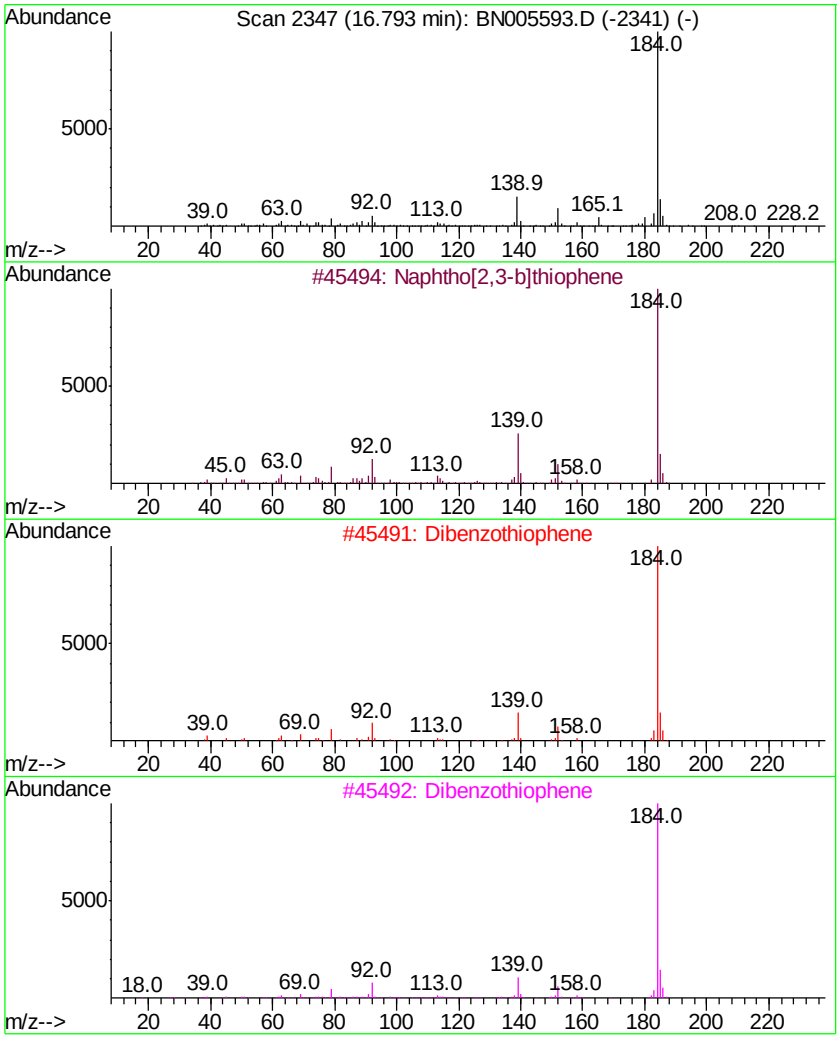
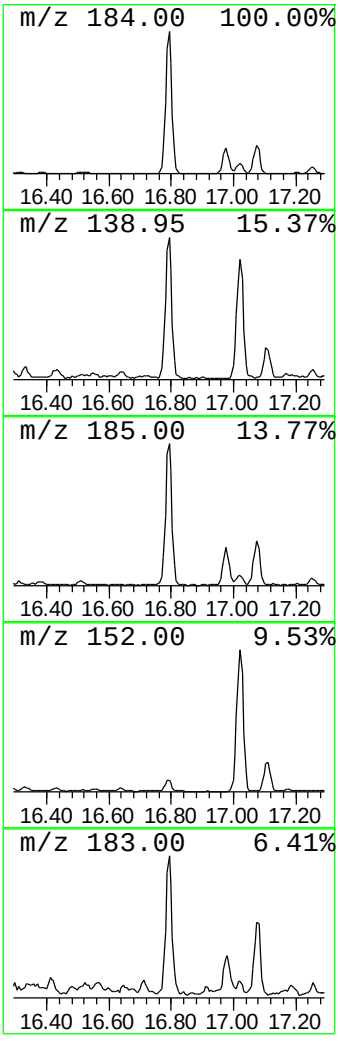
Peak Number 28 Naphtho[2,3-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	20.07 ng/ul	1697700	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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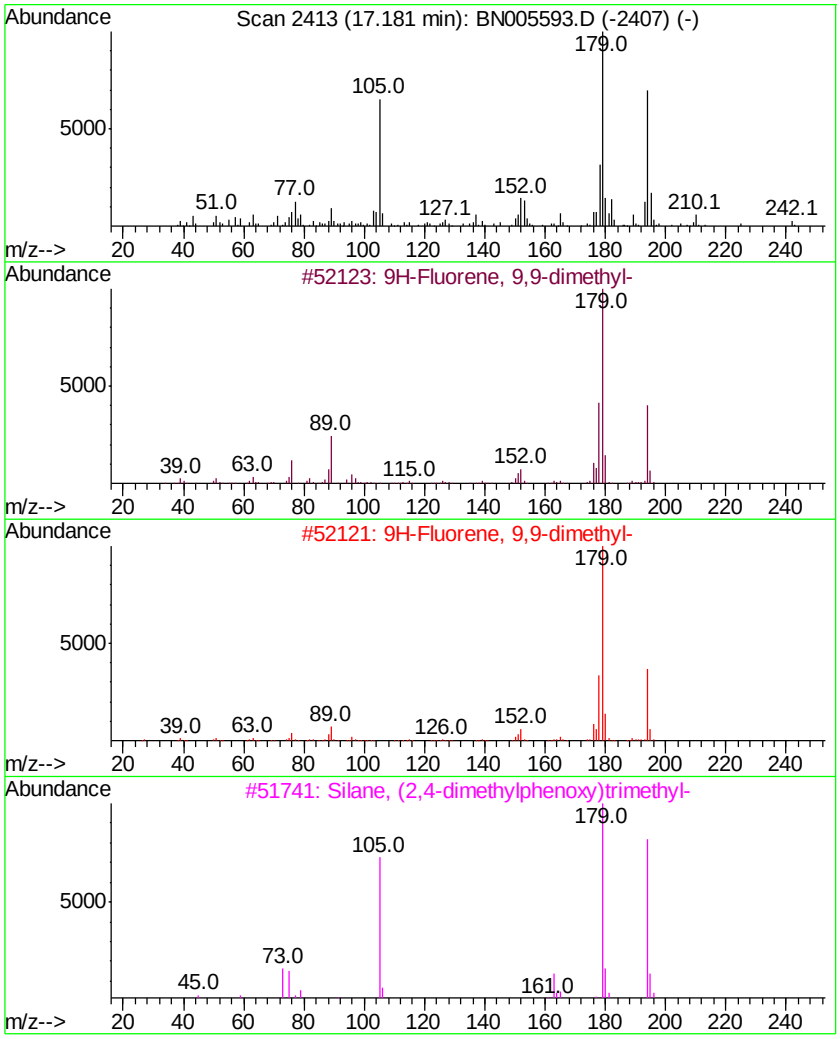
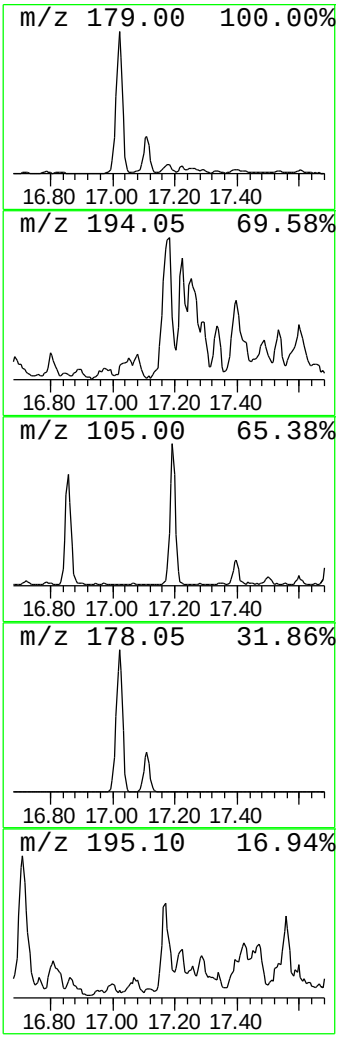
Peak Number 29 9H-Fluorene, 9,9-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	6.90 ng/ul	584040	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	81
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	72
3	Silane, (2,4-dimethylphenoxy)tri...	194	C11H18OSi	016414-81-6	64
4	Silane, (2,6-dimethylphenoxy)tri...	194	C11H18OSi	016286-54-7	58
5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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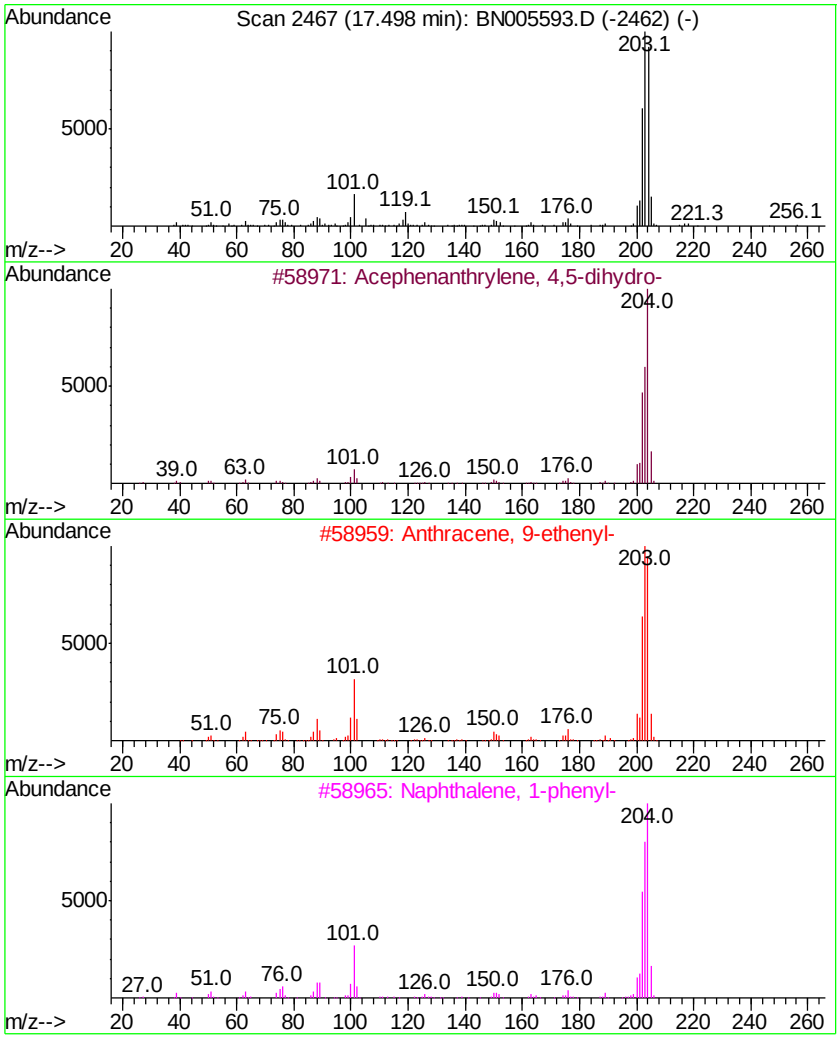
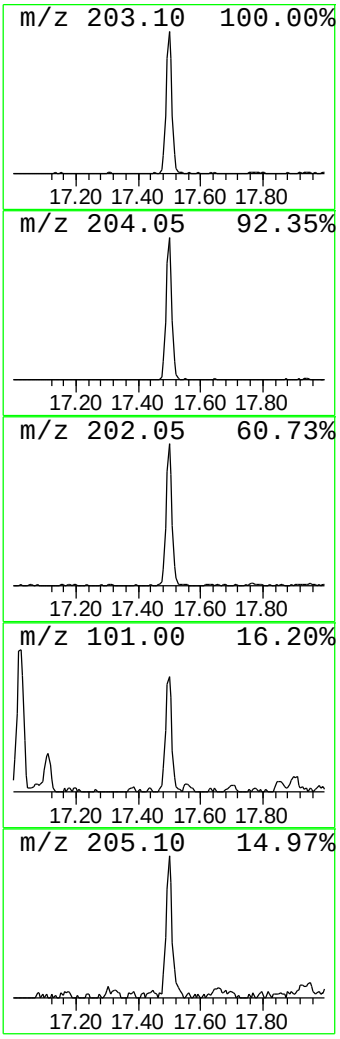
Peak Number 30 Acephenanthrylene, 4,5-dihy... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	5.11 ng/ul	432412	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	90
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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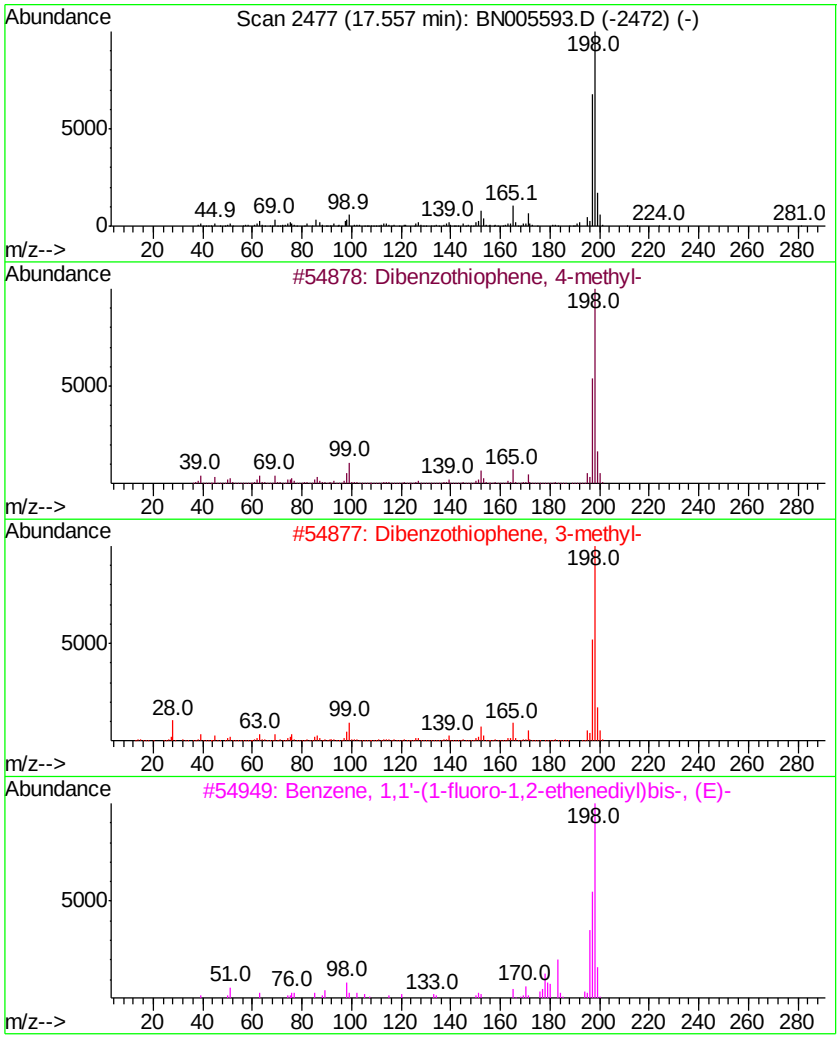
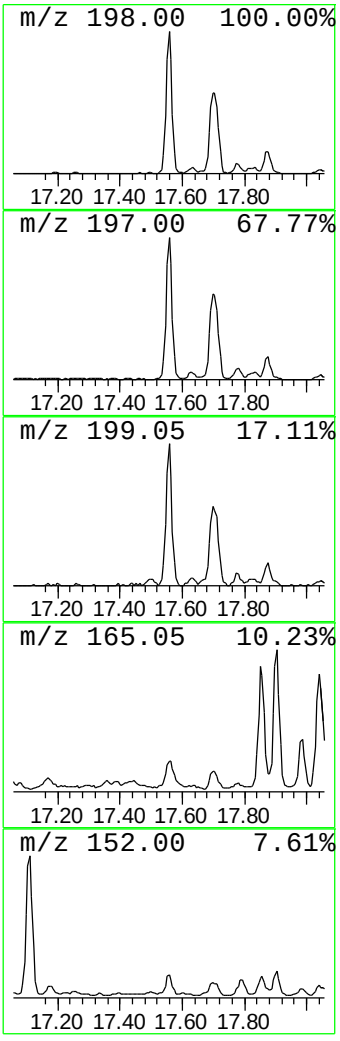
Peak Number 31 Dibenzothiophene, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	8.68 ng/ul	734116	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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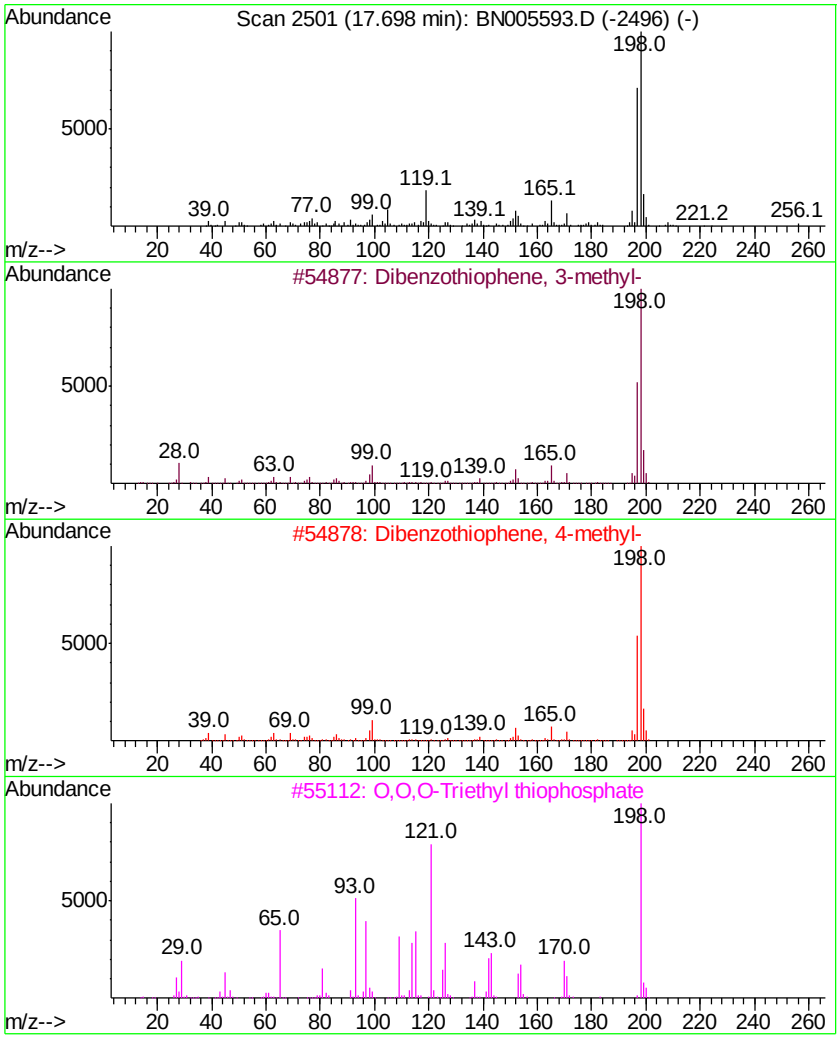
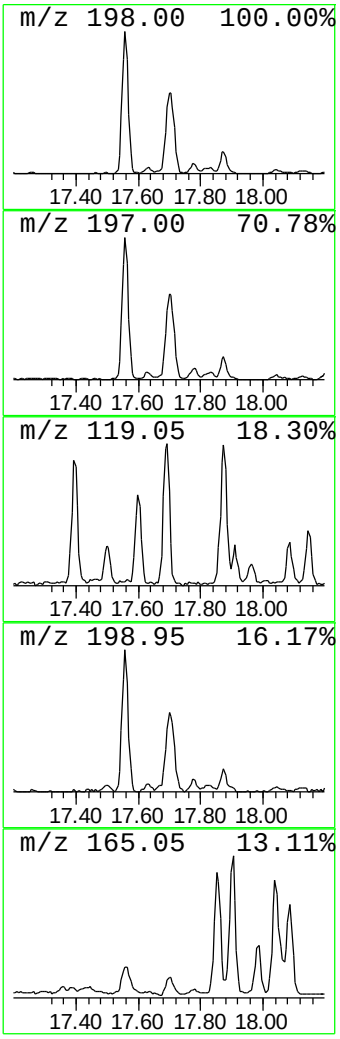
Peak Number 32 Dibenzothiophene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	8.47 ng/ul	716758	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
3	O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	86
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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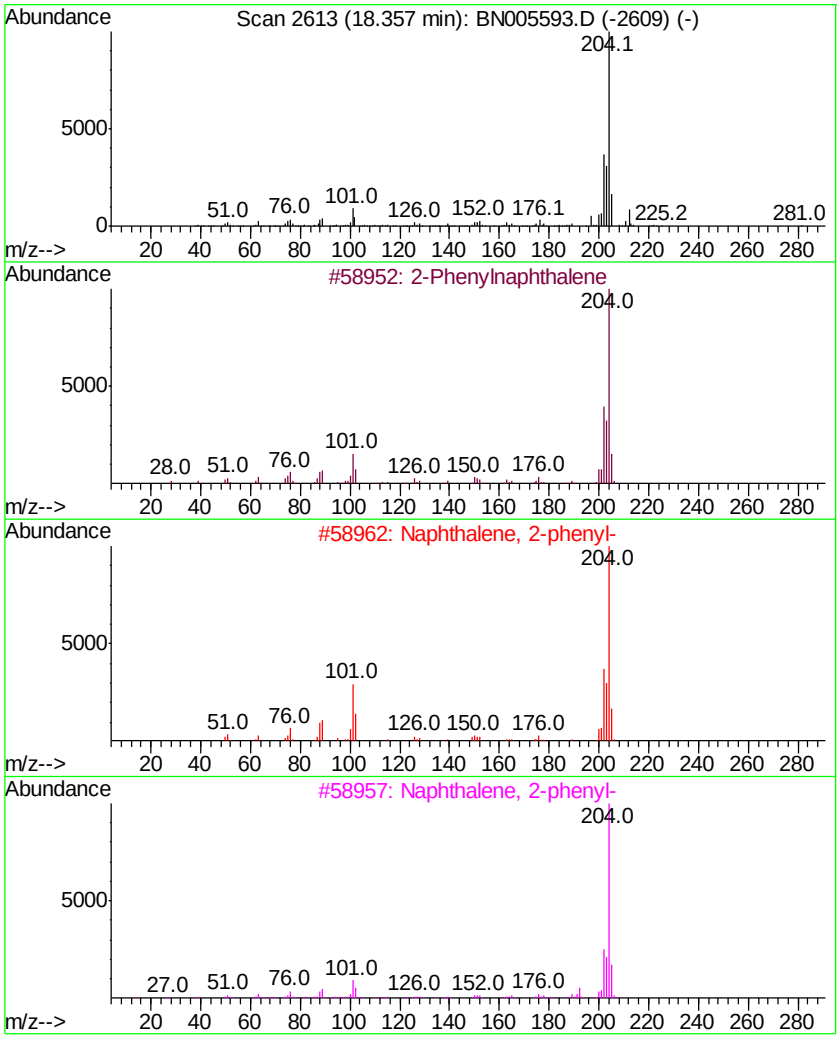
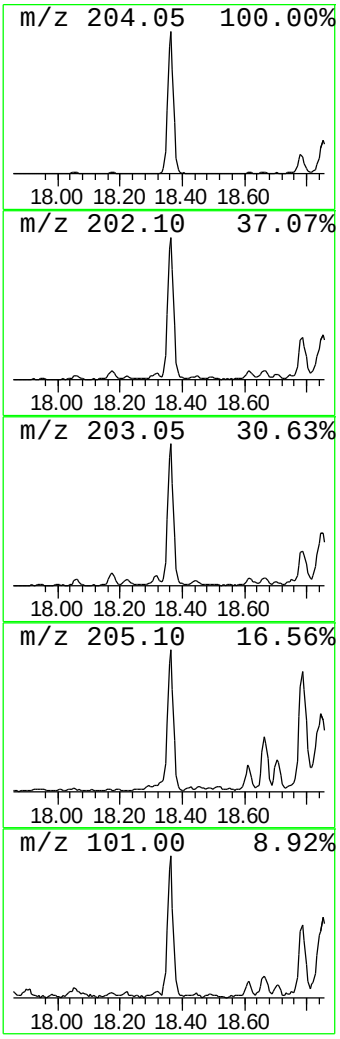
Peak Number 38 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	16.21 ng/ul	1371330	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ62ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	7.24	27.4	ng/ul	1053380	1	7.58	767473	20.0
Indene	8.10	113.8	ng/ul	4367870	1	7.58	767473	20.0
(DEL) Alkane: Str...	8.80	11.1	ng/ul	427164	1	7.58	767473	20.0
Benzene, 1-butynyl-	9.78	11.4	ng/ul	1204770	2	10.35	2105170	20.0
1H-Indene, 1-methyl-	9.85	6.3	ng/ul	659553	2	10.35	2105170	20.0
(DEL) Alkane: Str...	11.38	6.9	ng/ul	730194	2	10.35	2105170	20.0
(DEL) Alkane: Str...	11.79	8.0	ng/ul	844809	2	10.35	2105170	20.0
Naphthalene, 1-me...	12.23	61.8	ng/ul	6505470	2	10.35	2105170	20.0
(DEL) Alkane: Str...	12.76	5.0	ng/ul	569408	3	14.22	2280910	20.0
Naphthalene, 1-et...	13.24	16.4	ng/ul	1867550	3	14.22	2280910	20.0
Naphthalene, 2,7-...	13.38	13.0	ng/ul	1480740	3	14.22	2280910	20.0
Naphthalene, 2,6-...	13.53	28.1	ng/ul	3203730	3	14.22	2280910	20.0
Naphthalene, 2,3-...	13.78	13.0	ng/ul	1482000	3	14.22	2280910	20.0
Naphthalene, 1,6,...	14.70	5.9	ng/ul	670453	3	14.22	2280910	20.0
1,1'-Biphenyl, 3-...	14.83	8.5	ng/ul	966931	3	14.22	2280910	20.0
1H-Phenalene	15.09	7.4	ng/ul	848636	3	14.22	2280910	20.0
9H-Fluoren-9-ol	15.57	4.2	ng/ul	473423	3	14.22	2280910	20.0
9H-Fluorene, 1-me...	16.28	15.3	ng/ul	1293650	4	16.97	1692070	20.0
9H-Fluorene, 2-me...	16.33	6.3	ng/ul	530970	4	16.97	1692070	20.0
Naphtho[2,3-b]thi...	16.79	20.1	ng/ul	1697700	4	16.97	1692070	20.0
9H-Fluorene, 9,9-...	17.18	6.9	ng/ul	584040	4	16.97	1692070	20.0
Acephenanthrylene...	17.50	5.1	ng/ul	432412	4	16.97	1692070	20.0
Dibenzothiophene,...	17.56	8.7	ng/ul	734116	4	16.97	1692070	20.0
Dibenzothiophene,...	17.70	8.5	ng/ul	716758	4	16.97	1692070	20.0
2-Phenylnaphthalene	18.36	16.2	ng/ul	1371330	4	16.97	1692070	20.0