LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.416	212	226	232	rBV	464903	1054814	8.59%	0.339%
2	3.569	240	252	259	rVV	476026	1000806	8.15%	0.322%
3	3.775	280	287	295	rBV2	868323	1823041	14.85%	0.586%
4	3.922	306	312	318	rBV	879284	1396945	11.38%	0.449%
5	4.081	329	339	343	rBV	1566826	2299439	18.73%	0.740%
6	4.410	390	395	402	rVB3	1458682	2271088	18.50%	0.731%
7	4.528	407	415	419	rBV3	814107	1151230	9.38%	0.370%
8	4.840	465	468	473	rVB	946606	1126627	9.18%	0.362%
9	4.928	479	483	491	rVB2	1699148	3049970	24.84%	0.981%
10	4.998	491	495	499	rBV	879095	1110431	9.05%	0.357%
11	5.204	525	530	532	rBV	1620640	1896648	15.45%	0.610%
12	5.269	538	541	543	rVV	2338453	2358709	19.21%	0.759%
13	5.293	543	545	547	rVV	1666375	1617809	13.18%	0.520%
14	5.316	547	549	552	rVB	2370242	2079771	16.94%	0.669%
15	5.398	556	563	569	rVB3	4300374	7734121	63.00%	2.488%
16	5.463	569	574	576	rBV	1068363	1222690	9.96%	0.393%
17	5.569	588	592	597	rBV3	1148291	1773427	14.45%	0.570%
18	5.610	597	599	602	rVB	1200319	1063935	8.67%	0.342%
19	5.651	602	606	608	rBV2	1055435	1437182	11.71%	0.462%
20	5.710	613	616	622	rVB2	919615	1223759	9.97%	0.394%
21	5.804	629	632	633	rBV	855147	744383	6.06%	0.239%
22	5.822	633	635	639	rVB	1126957	1096787	8.93%	0.353%
23	5.869	639	643	646	rBV3	1208988	1863525	15.18%	0.599%
24	5.951	652	657	662	rBV3	1857136	3154062	25.69%	1.015%
25	6.004	662	666	669	rBV	722588	794437	6.47%	0.256%
26	6.051	671	674	680	rBV2	2595275	3336523	27.18%	1.073%
27	6.104	680	683	687	rVV2	780987	785964	6.40%	0.253%
28	6.245	701	707	708	rBV2	1785198	2433717	19.82%	0.783%
29	6.263	708	710	713	rVV	2939804	3078895	25.08%	0.990%
30	6.304	713	717	720	rVV3	3149651	4463985	36.36%	1.436%
31	6.345	720	724	725	rVV2	2461819	2588022	21.08%	0.833%
32	6.369	725	728	730	rVB	3722581	3687249	30.03%	1.186%
33	6.416	730	736	742	rVB3	4696590	10053742	81.89%	3.234%
34	6.492	745	749	754	rVB2	2255290	2787748	22.71%	0.897%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.551	754	759	761	rBV	493313	773970	6.30%	0.249%
36	6.587	761	765	767	rBV4	598561	736861	6.00%	0.237%
37	6.651	770	776	779	rVB	6243920	10849736	88.38%	3.490%
38	6.745	788	792	797	rBV2	1216405	2293431	18.68%	0.738%
39	6.828	803	806	809	rVB	2943007	2543633	20.72%	0.818%
40	6.869	809	813	816	rBV	5363681	6795325	55.35%	2.186%
41	6.934	820	824	826	rBV2	1861742	2526136	20.58%	0.813%
42	6.963	826	829	831	rVB2	1932369	1962573	15.99%	0.631%
43	6.992	831	834	836	rVB	4315753	4071569	33.17%	1.310%
44	7.057	836	845	847	rBV	3471498	4581572	37.32%	1.474%
45	7.087	847	850	853	rVB2	3142432	3226846	26.28%	1.038%
46	7.139	853	859	860	rBV2	5434290	7933515	64.62%	2.552%
47	7.204	865	870	874	rVV2	3772774	4373736	35.63%	1.407%
48	7.251	874	878	879	rVV	1512433	1844127	15.02%	0.593%
49	7.281	879	883	885	rVV2	4105464	5991659	48.81%	1.927%
50	7.304	885	887	889	rVV	3801390	3322412	27.06%	1.069%
51	7.357	889	896	898	rVV2	6252845	10424197	84.91%	3.353%
52	7.386	898	901	903	rVV2	4864342	5242823	42.71%	1.686%
53	7.404	903	904	908	rVB3	814403	733437	5.97%	0.236%
54	7.457	908	913	916	rBV4	2085601	2765234	22.52%	0.890%
55	7.492	916	919	921	rVV2	3005624	2806043	22.86%	0.903%
56	7.522	921	924	928	rVV3	1547298	2240090	18.25%	0.721%
57	7.586	928	935	937	rVV2	4286642	7649568	62.31%	2.461%
58	7.610	937	939	942	rVV	5284447	5101593	41.56%	1.641%
59	7.651	943	946	950	rVV2	878185	995454	8.11%	0.320%
60	7.698	950	954	956	rVV	2771324	3305080	26.92%	1.063%
61	7.722	956	958	960	rVV	2739540	2738919	22.31%	0.881%
62	7.769	960	966	971	rVV4	4847008	10916715	88.92%	3.512%
63	7.839	971	978	980	rVV4	5945965	12276664	100.00%	3.949%
64	7.863	980	982	984	rVV	4331619	4273304	34.81%	1.375%
65	7.910	984	990	992	rVV5	3162108	6225886	50.71%	2.003%
66	7.934	992	994	996	rVV	1267718	1043816	8.50%	0.336%
67	7.963	996	999	1003	rVB	2927509	2935274	23.91%	0.944%
68	8.057	1008	1015	1016	rBV4	2139089	3311861	26.98%	1.065%
69	8.086	1016	1020	1022	rVV3	4264034	6915240	56.33%	2.224%
70	8.122	1022	1026	1028	rVV2	5622444	8521464	69.41%	2.741%
71	8.139	1028	1029	1033	rVV2	3522638	3815118	31.08%	1.227%

LSC Area Percent Report

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Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.181	1033	1036	1038	rVV	2461125	2117860	17.25%	0.681%
73	8.263	1044	1050	1052	rBV3	1452319	1979584	16.12%	0.637%
74	8.286	1052	1054	1057	rVB2	931142	942461	7.68%	0.303%
75	8.345	1057	1064	1065	rBV4	1606960	2505482	20.41%	0.806%
76	8.369	1065	1068	1069	rVV	2912045	2978458	24.26%	0.958%
77	8.386	1069	1071	1073	rVV3	2795451	2807351	22.87%	0.903%
78	8.439	1077	1080	1083	rVV3	1854556	1969730	16.04%	0.634%
79	8.475	1083	1086	1089	rVV3	3501098	4255960	34.67%	1.369%
80	8.516	1089	1093	1095	rVV2	1915655	2368781	19.29%	0.762%
81	8.557	1097	1100	1103	rVB	2166458	2026781	16.51%	0.652%
82	8.592	1103	1106	1109	rBV3	1777542	2061294	16.79%	0.663%
83	8.681	1118	1121	1125	rBV2	1596137	1960390	15.97%	0.631%
84	8.810	1138	1143	1146	rVB	5073295	7151454	58.25%	2.300%
85	8.839	1146	1148	1150	rVV	1016262	852887	6.95%	0.274%
86	8.904	1153	1159	1162	rVV	4334048	5701177	46.44%	1.834%
87	9.033	1178	1181	1184	rVB2	666409	838584	6.83%	0.270%
88	9.157	1198	1202	1205	rBV	3508819	3008081	24.50%	0.968%
89	9.351	1233	1235	1241	rVB	931393	1010897	8.23%	0.325%
90	9.422	1243	1247	1251	rVB	1313083	1776741	14.47%	0.572%
91	9.492	1256	1259	1262	rVV	1576363	1679202	13.68%	0.540%
92	9.522	1262	1264	1266	rVV	993114	780367	6.36%	0.251%
93	9.551	1266	1269	1272	rVV2	948765	1083421	8.83%	0.349%
94	9.833	1314	1317	1320	rVB	1248673	973570	7.93%	0.313%
95	10.622	1445	1451	1455	rVV	2355254	2226311	18.13%	0.716%
96	11.316	1565	1569	1572	rBV	1296206	1231374	10.03%	0.396%
97	12.910	1835	1840	1843	rBV	3787413	3748176	30.53%	1.206%
98	13.957	2014	2018	2022	rBV	1149866	1149703	9.36%	0.370%
99	14.715	2143	2147	2155	rBV2	566967	735099	5.99%	0.236%
100	15.404	2258	2264	2267	rBV	1067622	1325561	10.80%	0.426%

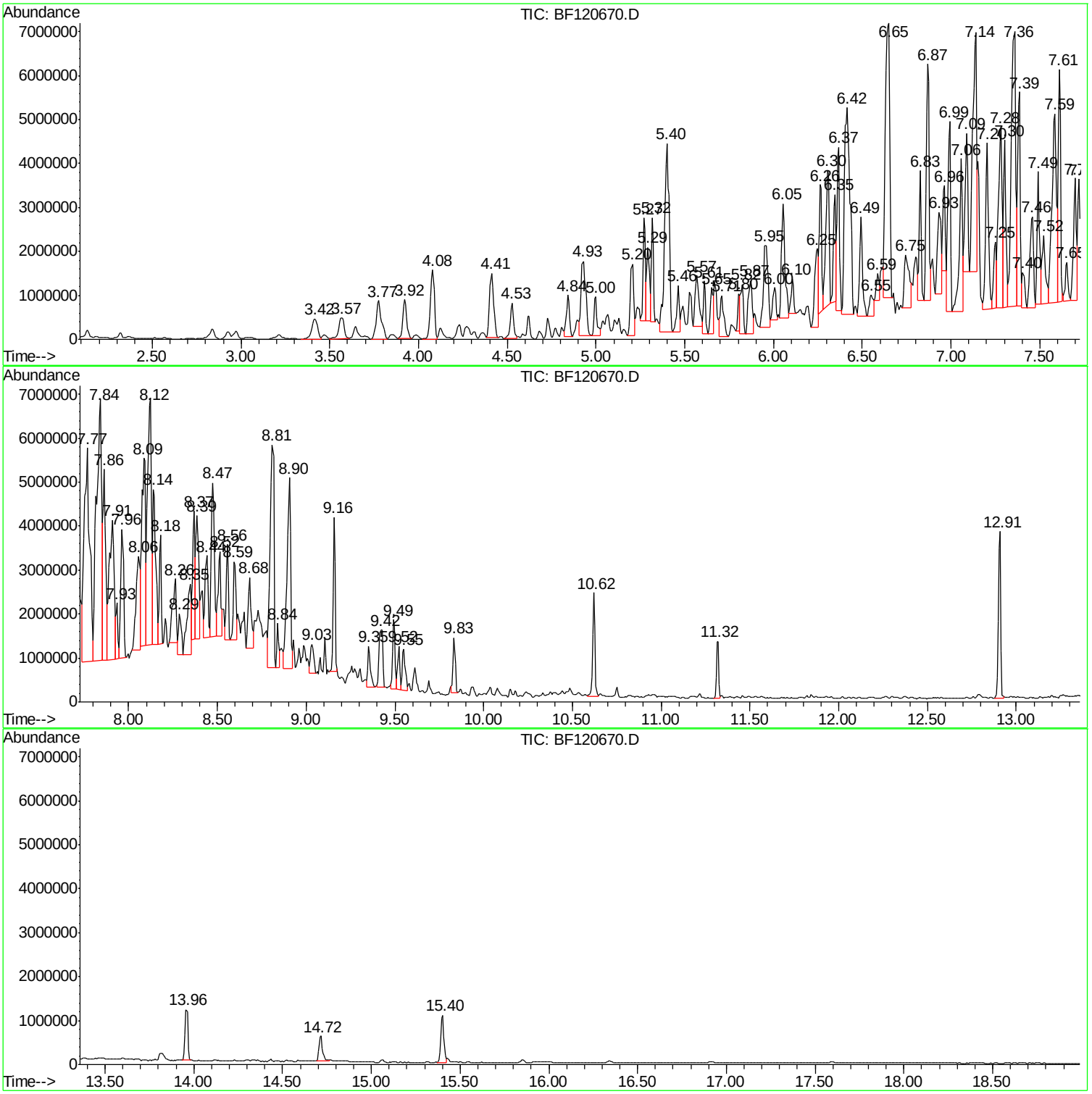
Sum of corrected areas: 310873099

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

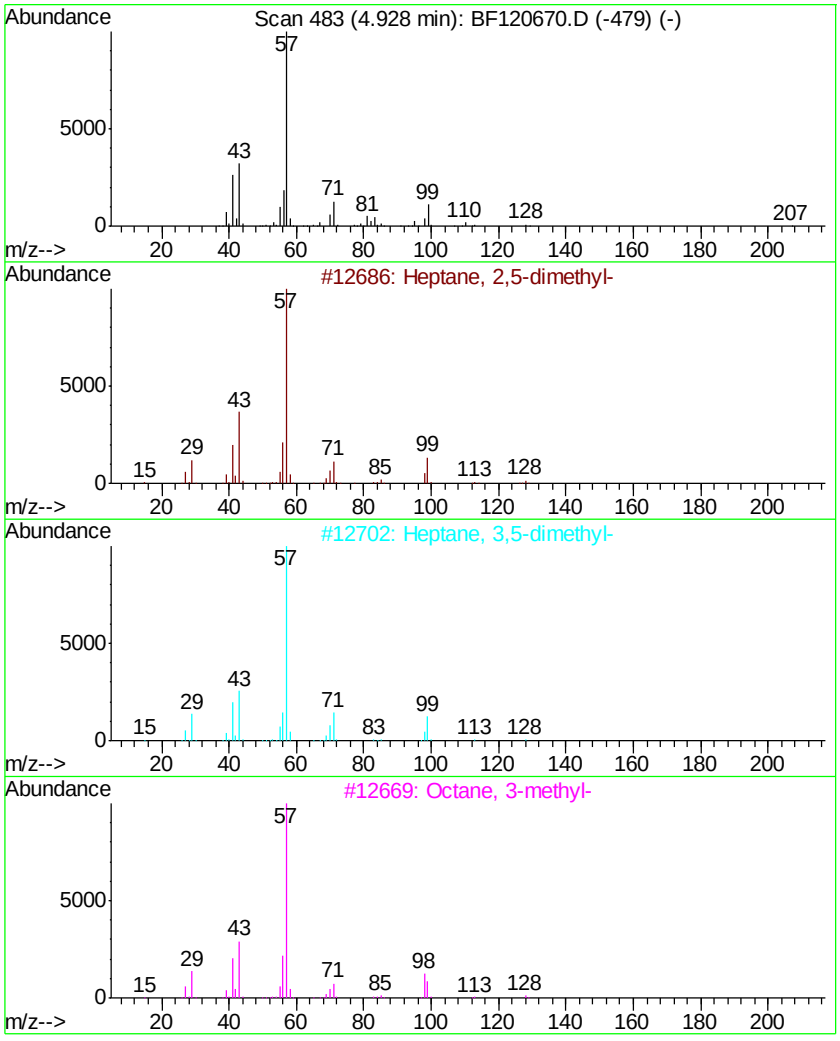
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

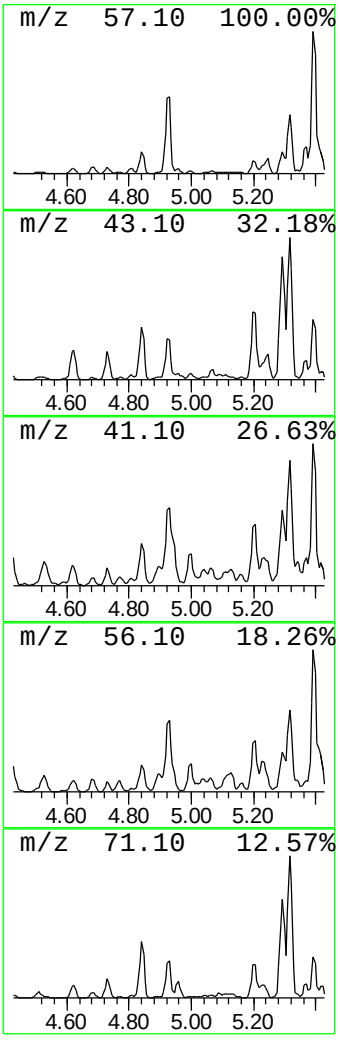
****

Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	23.98 ng	3049970	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	68
3	Octane, 3-methyl-	128	C9H20	002216-33-3	52
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50
5	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

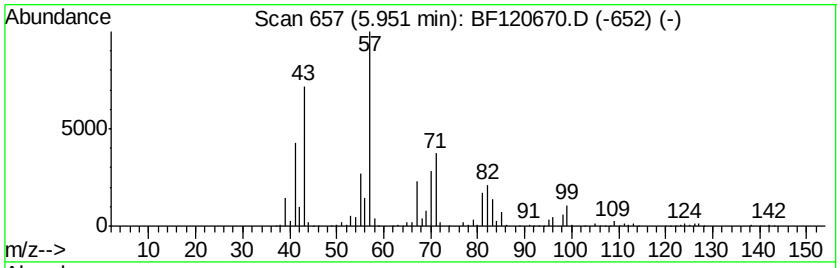
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

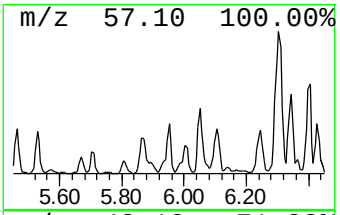
****

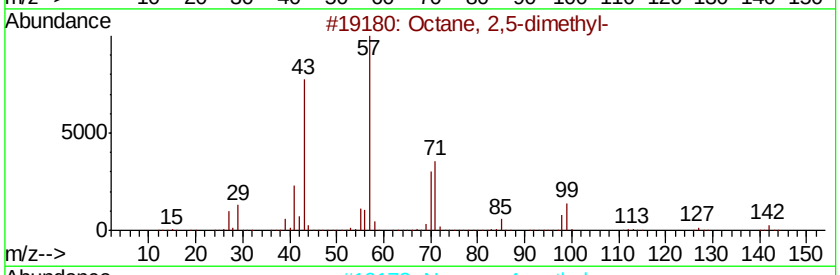
Peak Number 2 unknown5.95 Concentration Rank 13

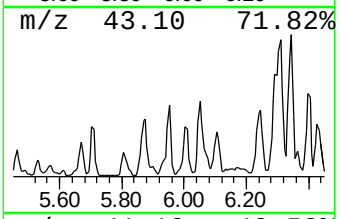
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	24.80 ng	3154060	1,4-Dichlorobenzene-d4	6.80

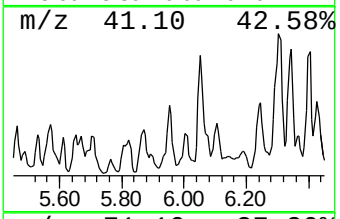
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	49
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	45
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	43
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	38

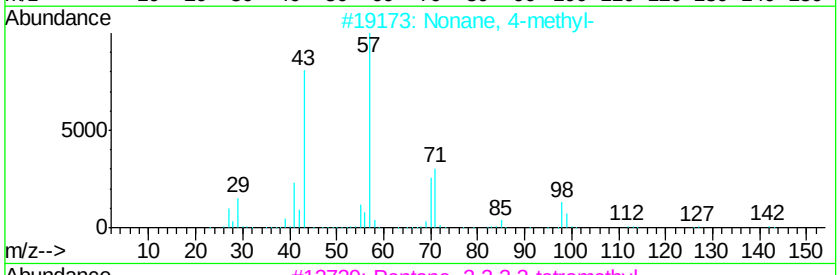


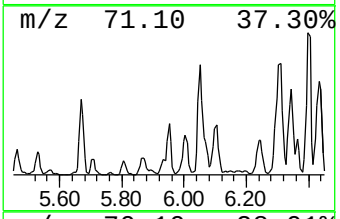


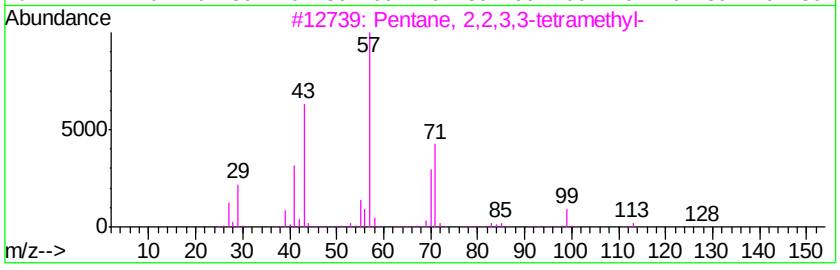


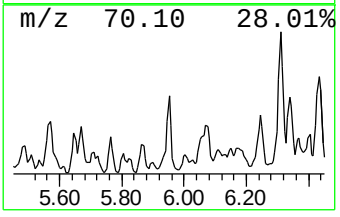












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

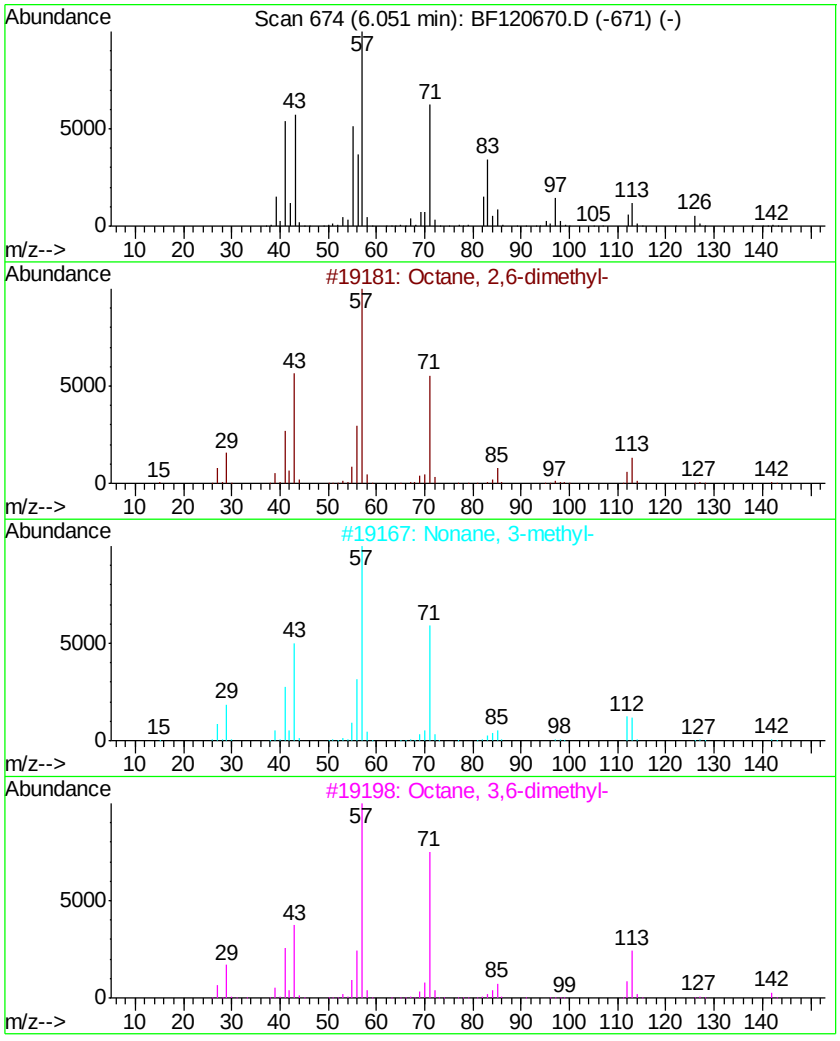
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

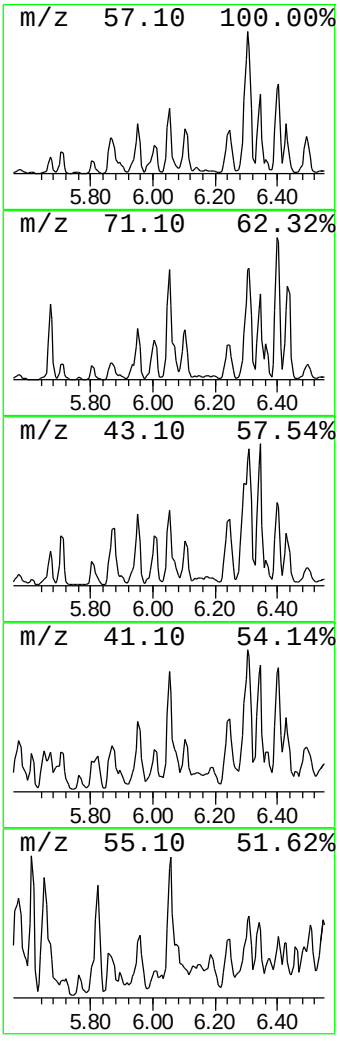
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	26.23 ng	3336520	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68
4	3-Bromooctane	192	C8H17Br	000999-64-4	49
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

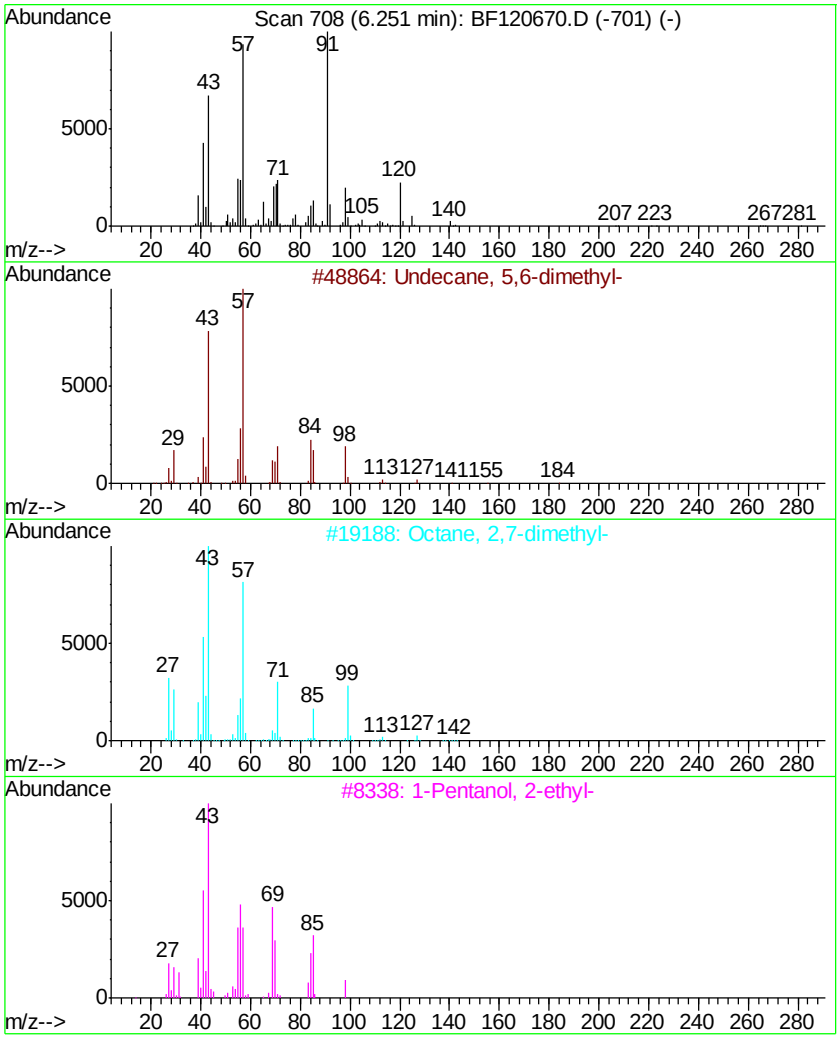
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

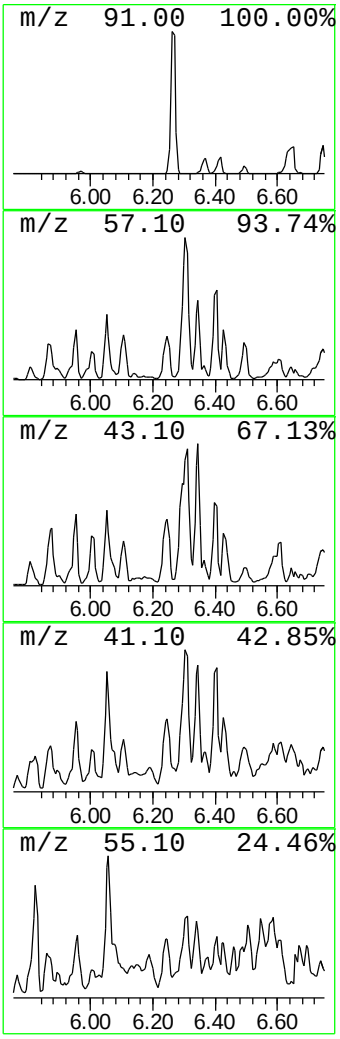
****

Peak Number 4 Undecane, 5,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	19.14 ng	2433720	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47
3	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	47
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	47
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	43





Library Search Compound Report

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Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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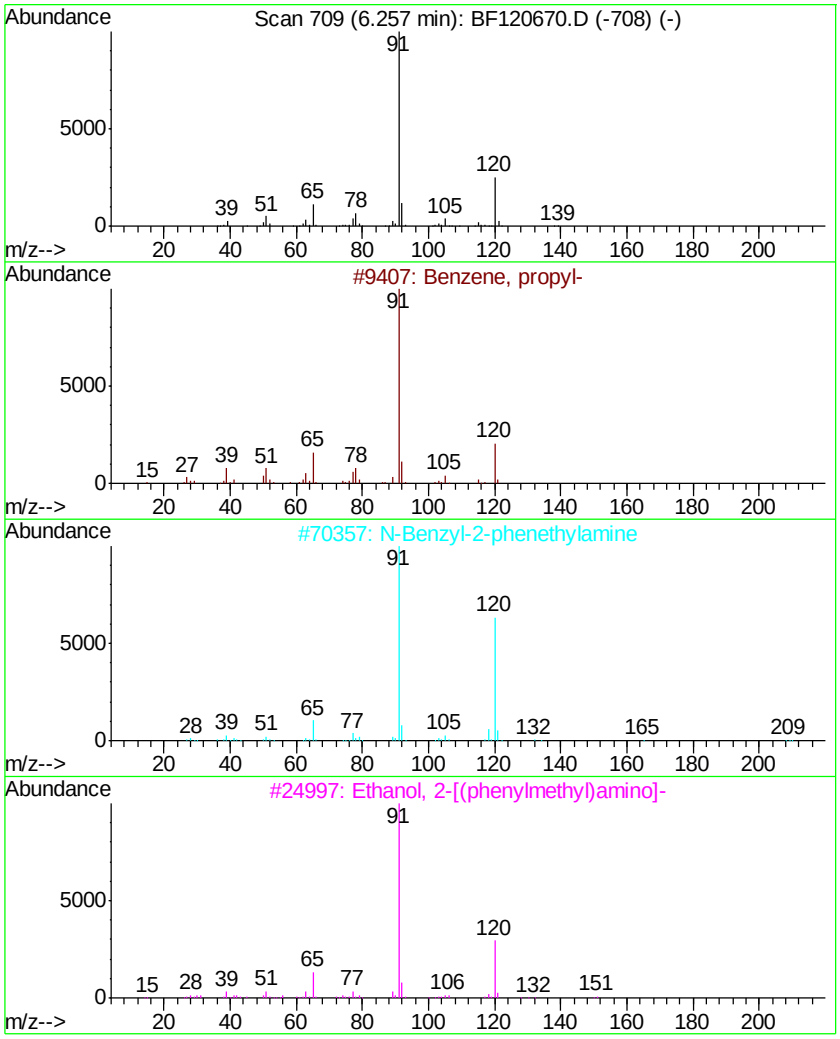
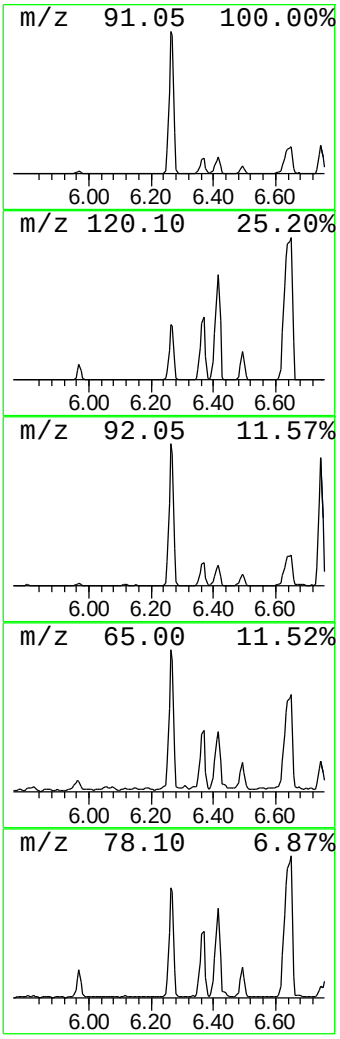
Peak Number 5 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	24.21 ng	3078900	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59





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Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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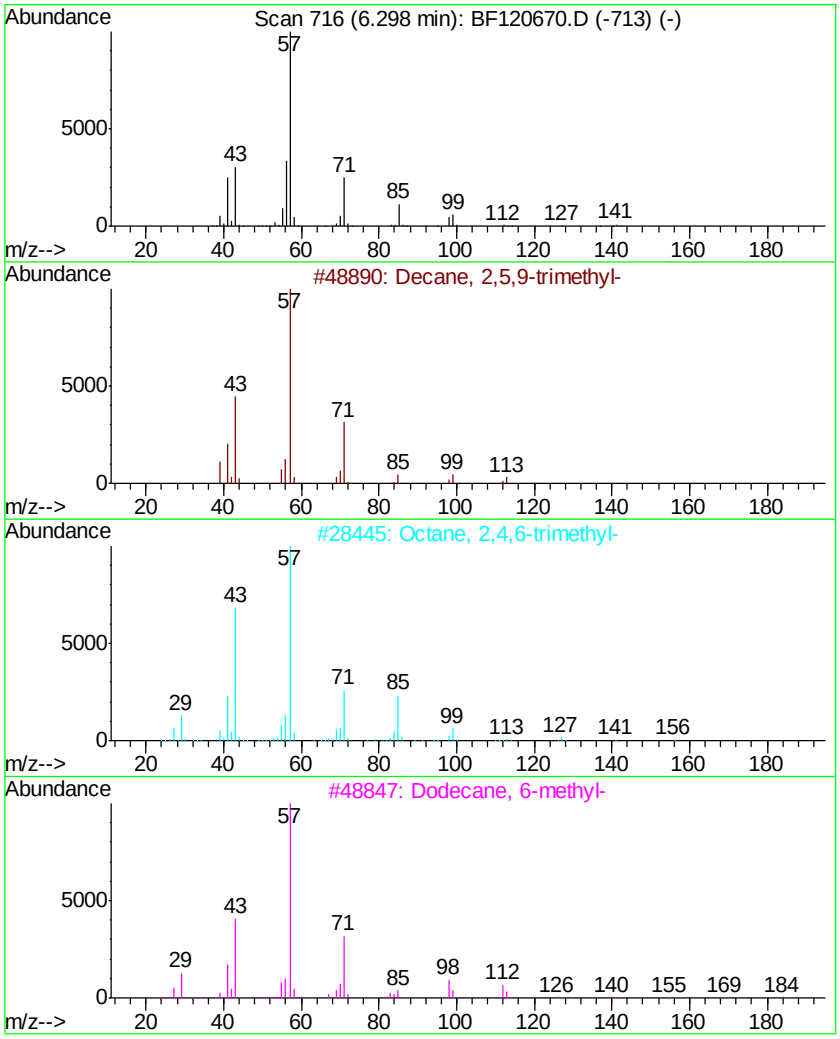
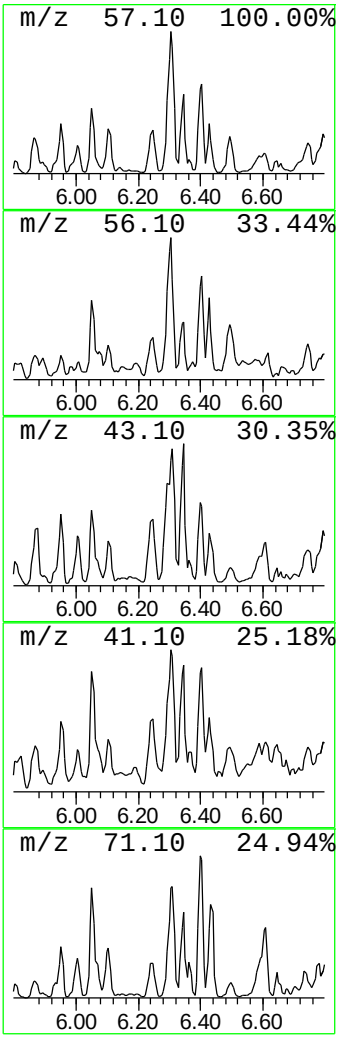
Peak Number 6 Decane, 2,5,9-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	35.10 ng	4463990	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50





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ClientSampleId : MW-27(16.5-18.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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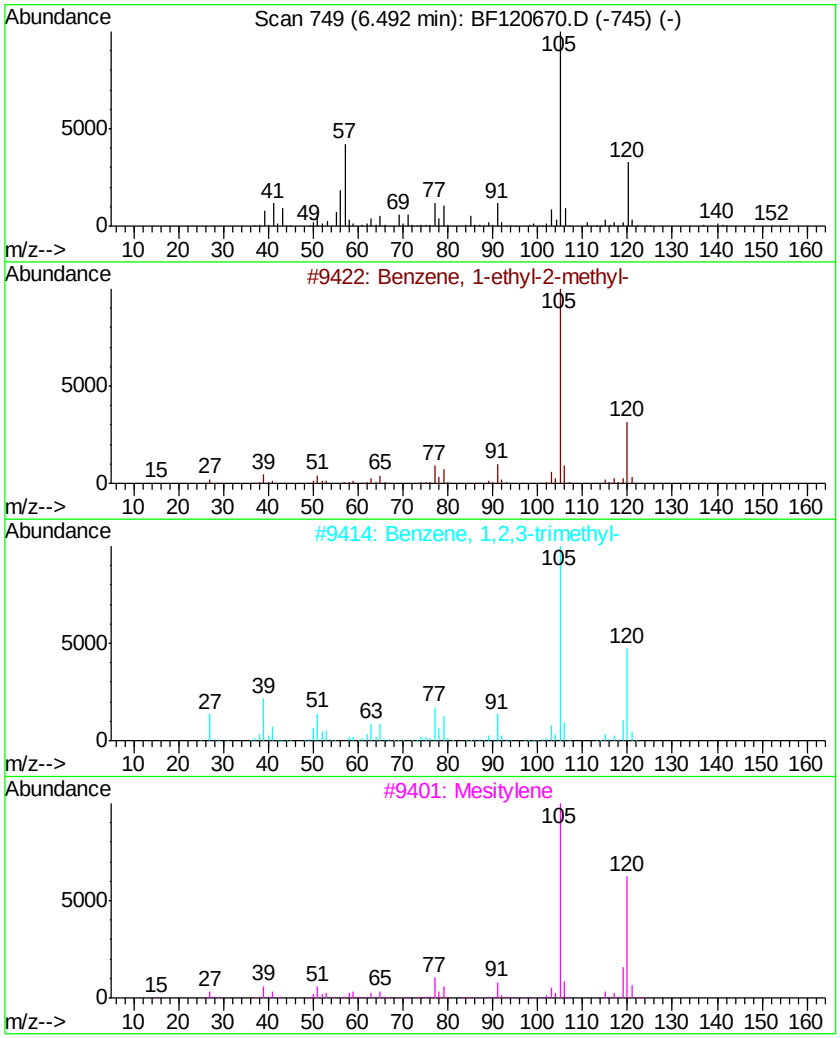
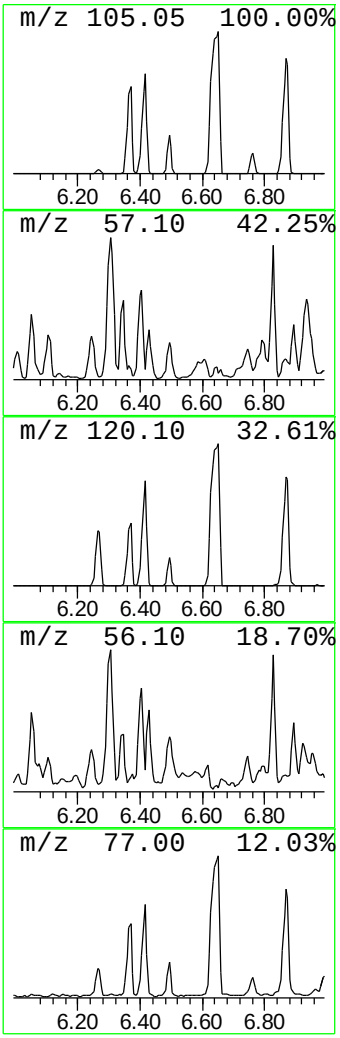
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	21.92 ng	2787750	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
3	Mesitylene	120	C9H12	000108-67-8	76
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76





Library Search Compound Report

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Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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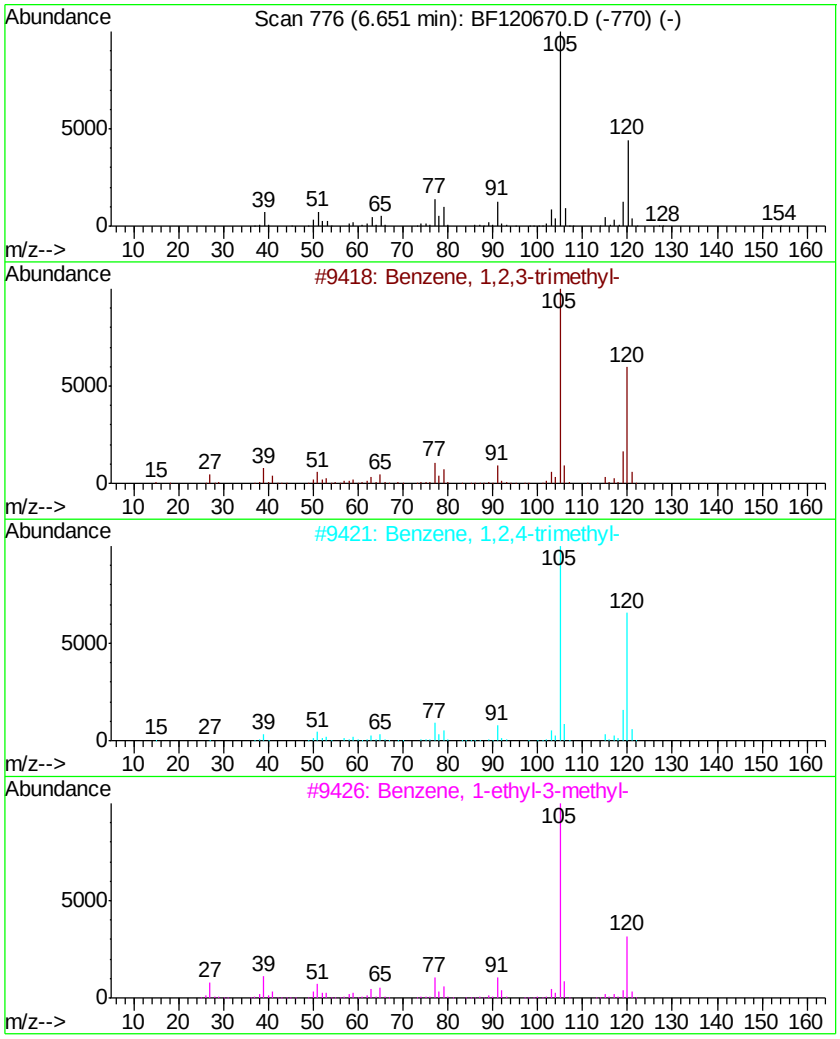
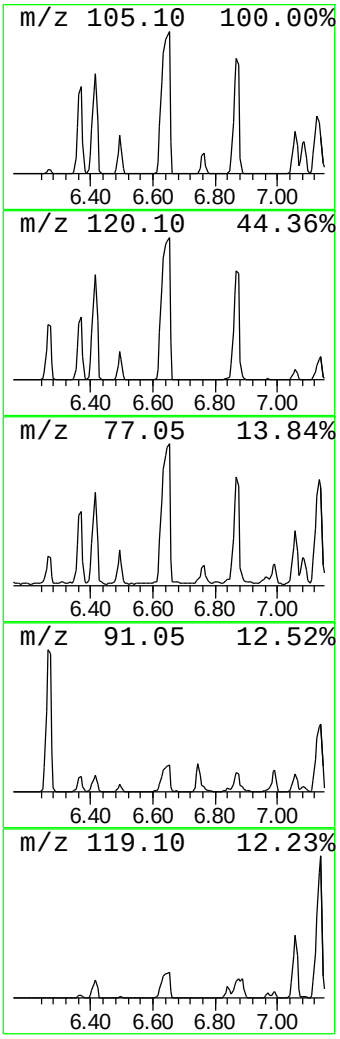
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	85.31 ng	10849700	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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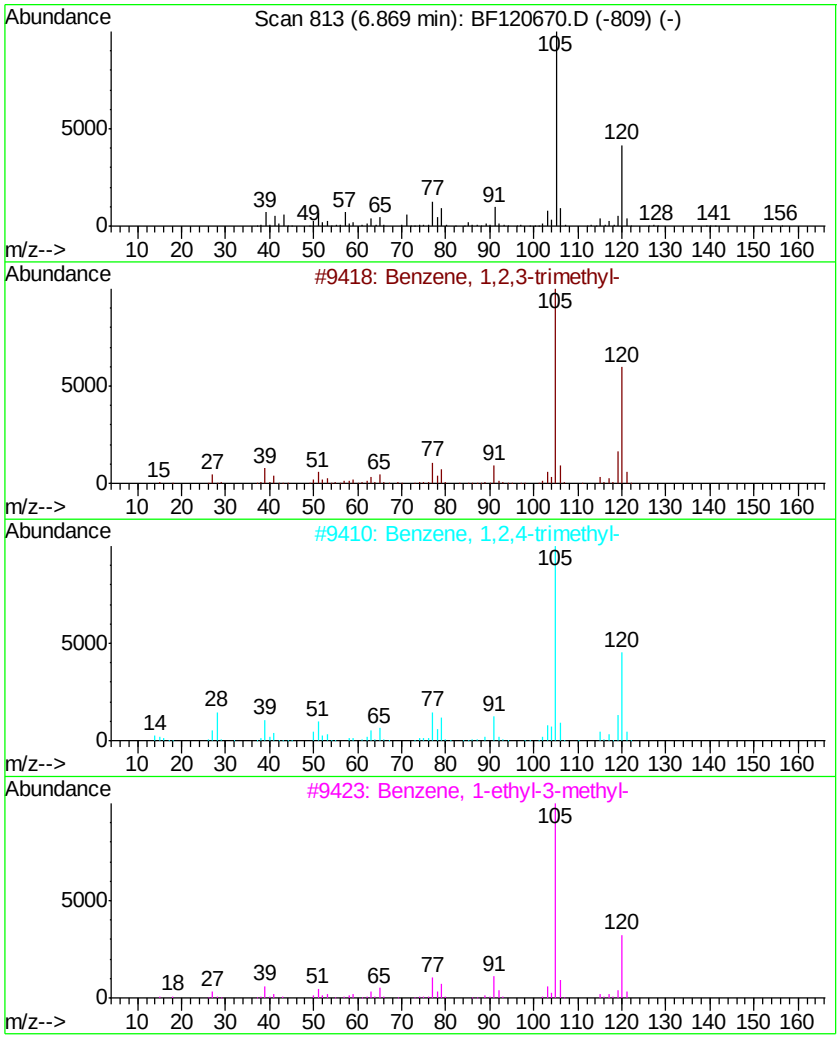
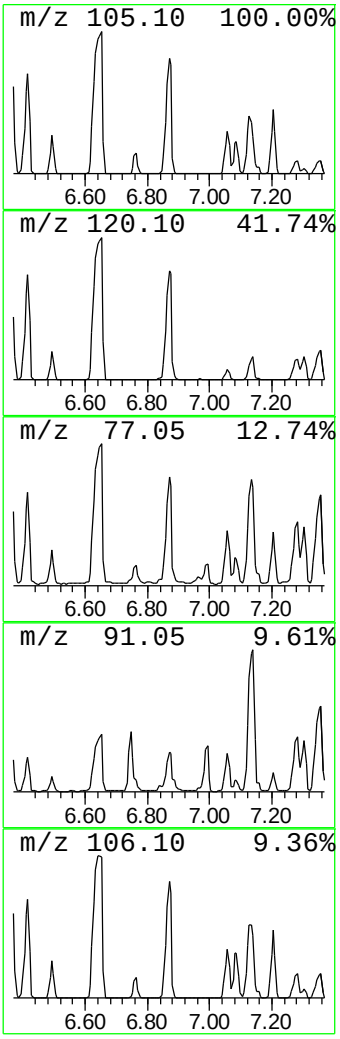
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	53.43 ng	6795330	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

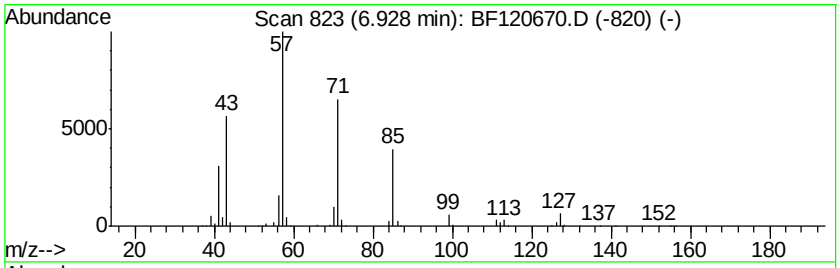
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

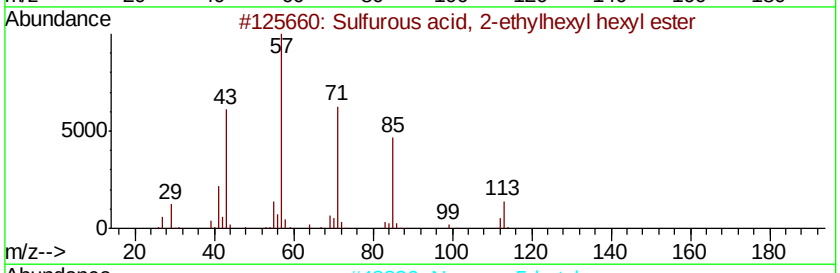
****

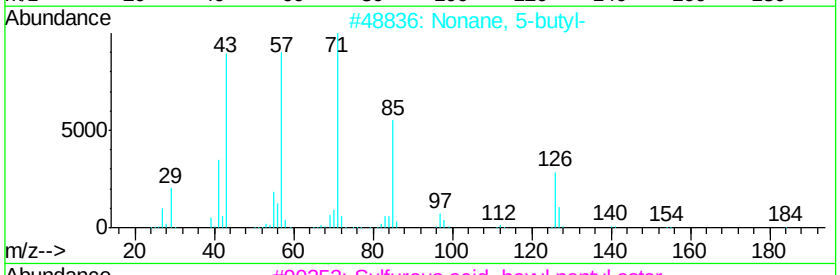
Peak Number 10 Sulfurous acid, 2-ethylhexy... Concentration Rank 19

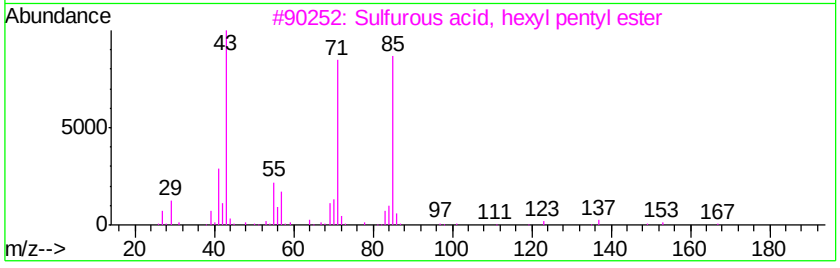
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	19.86 ng	2526140	1,4-Dichlorobenzene-d4	6.80

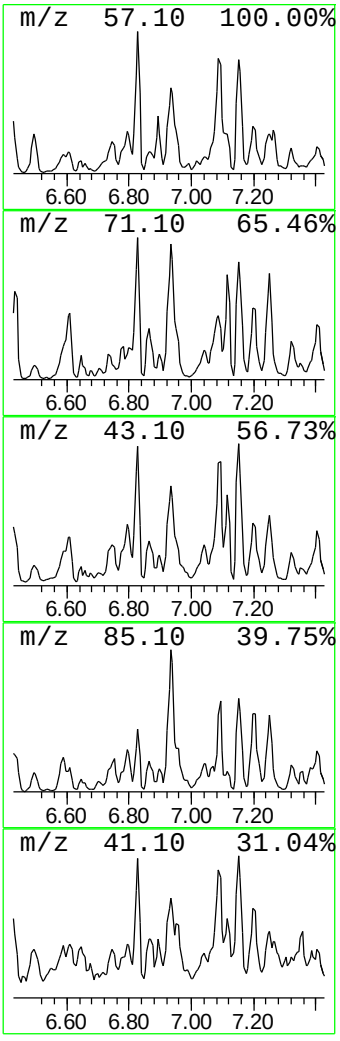
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Tetradecane	198	C14H30	000629-59-4	64











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Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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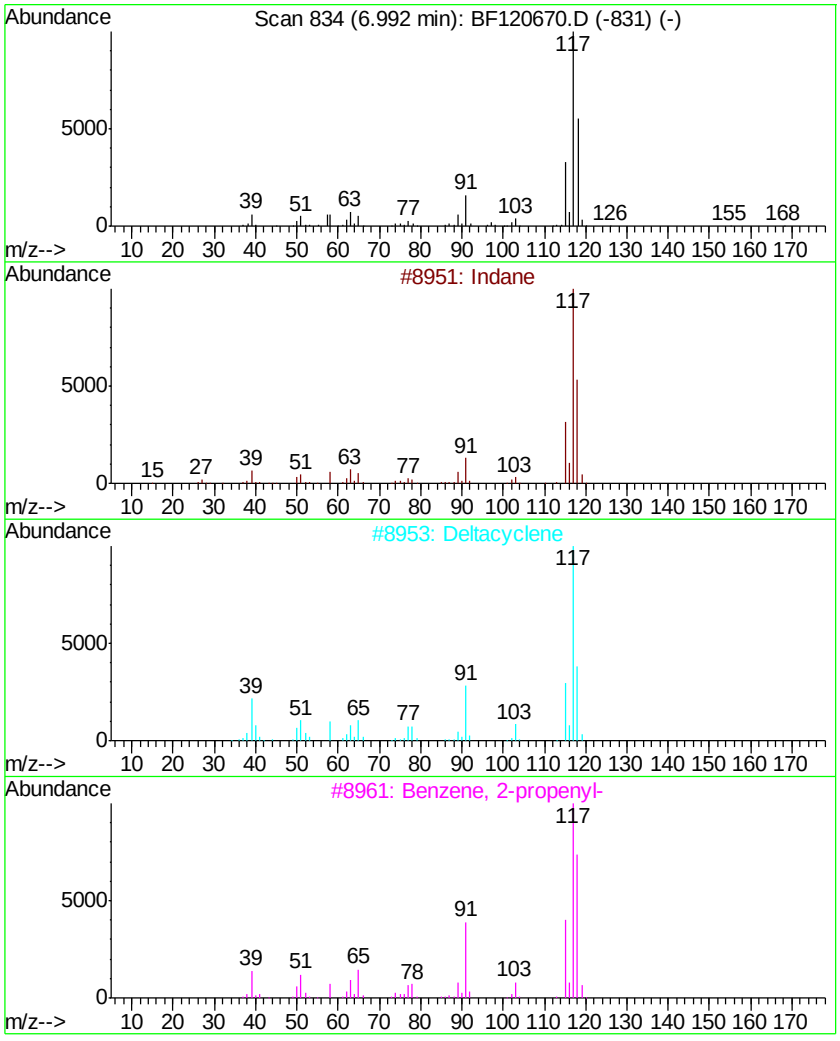
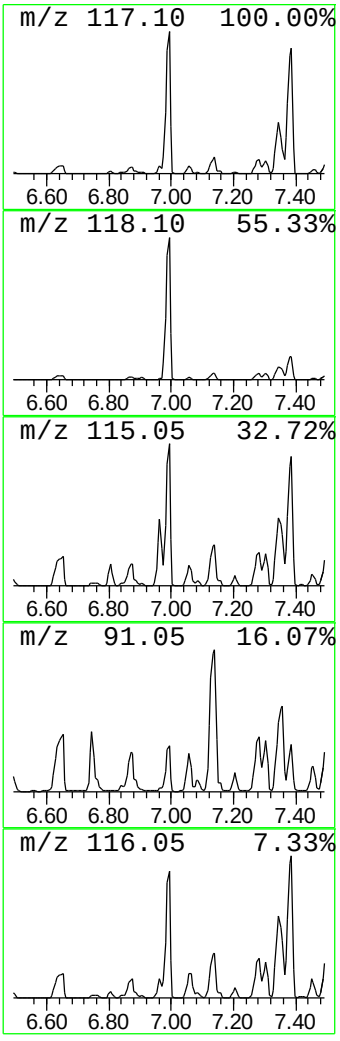
Peak Number 11 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	32.01 ng	4071570	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59





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

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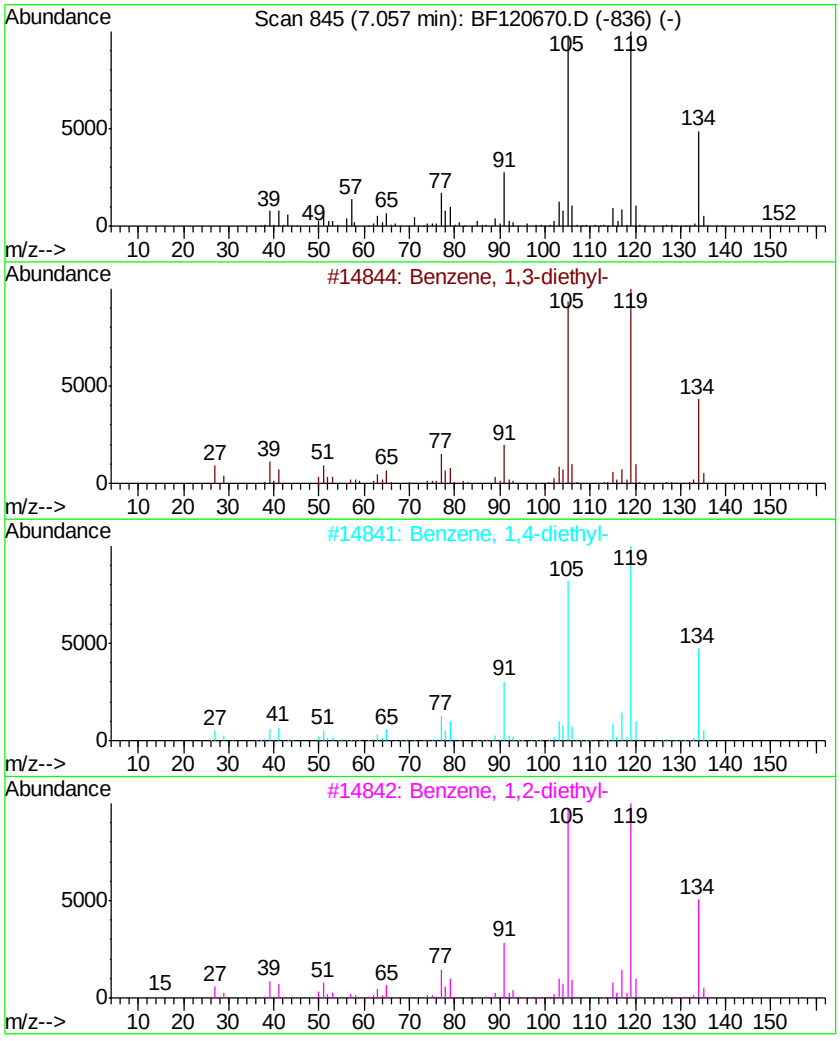
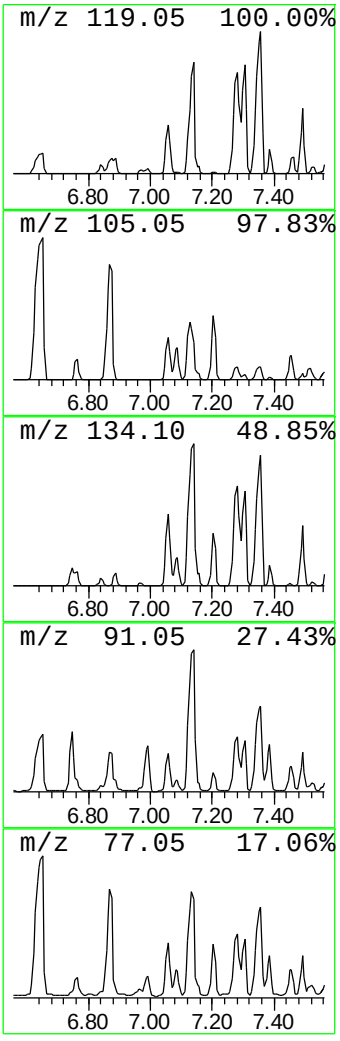
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	36.02 ng	4581570	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

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

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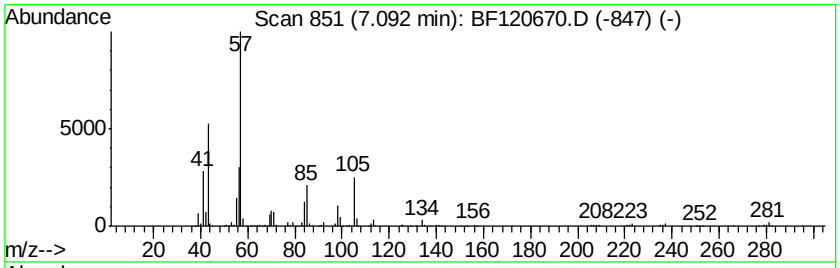
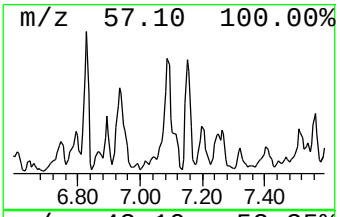
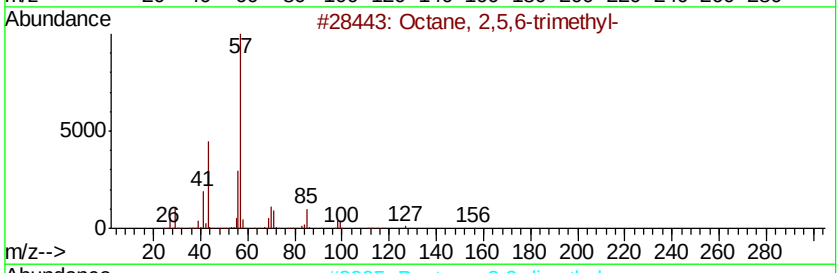
Peak Number 13 unknown7.09 Concentration Rank 12

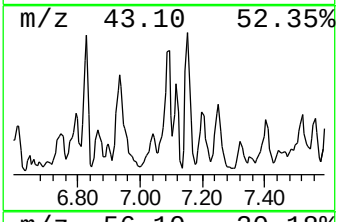
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	25.37 ng	3226850	1,4-Dichlorobenzene-d4	6.80

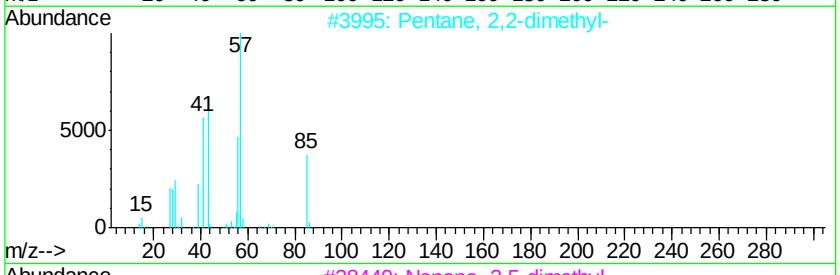
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	46
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	43
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38

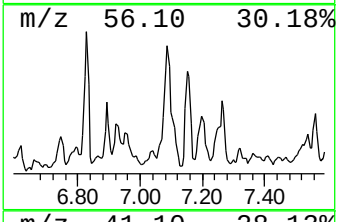


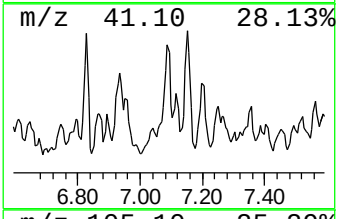


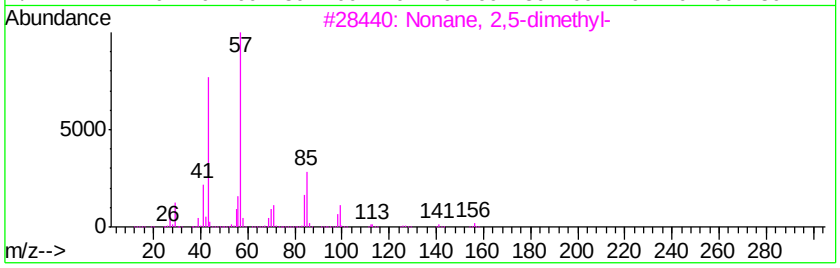


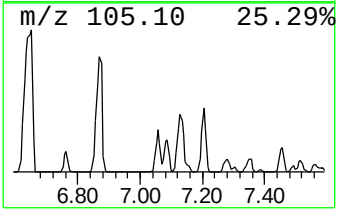












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Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

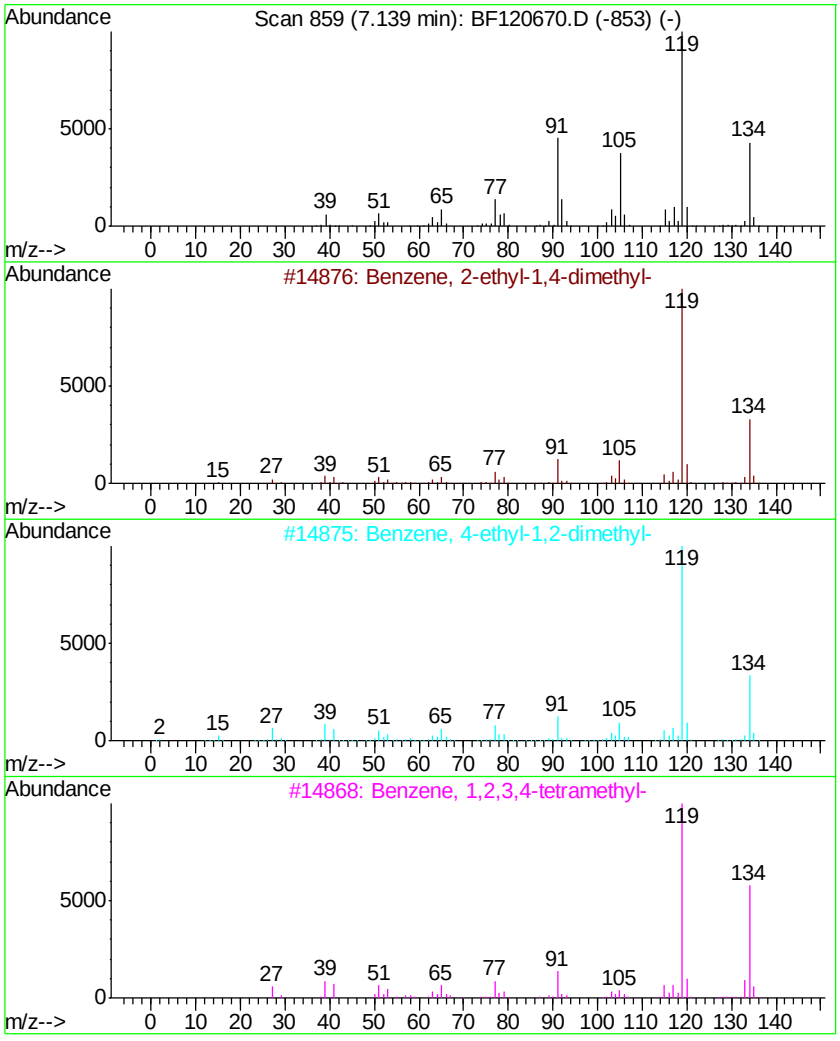
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

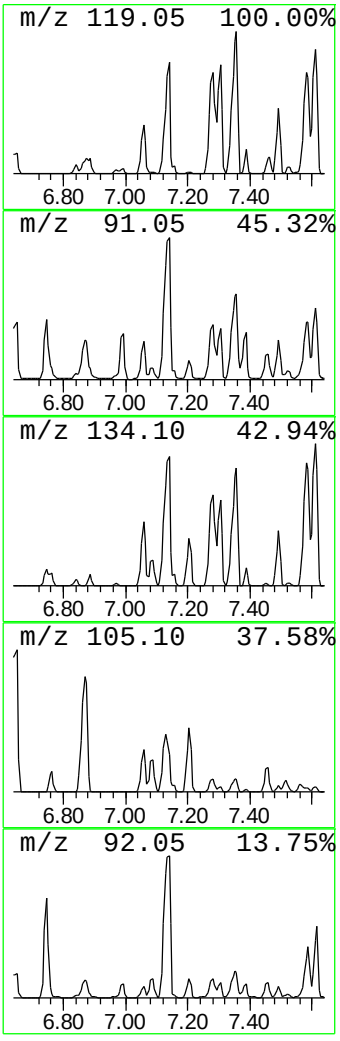
****

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	62.38 ng	7933520	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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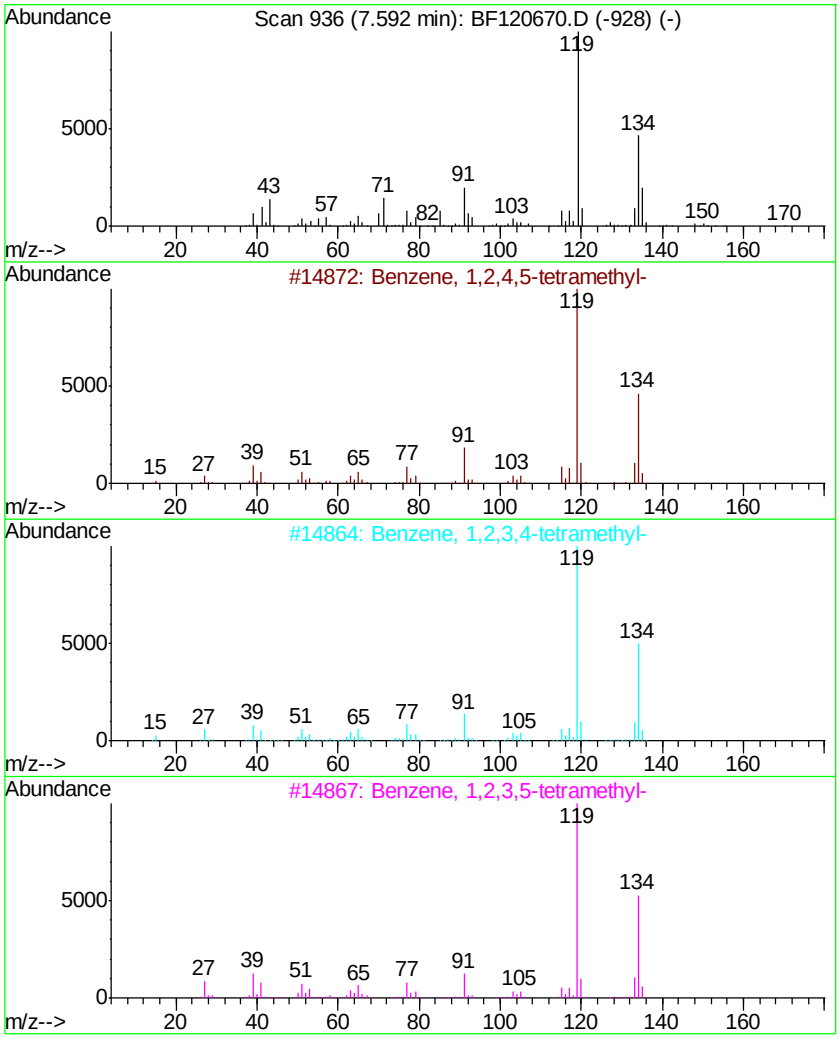
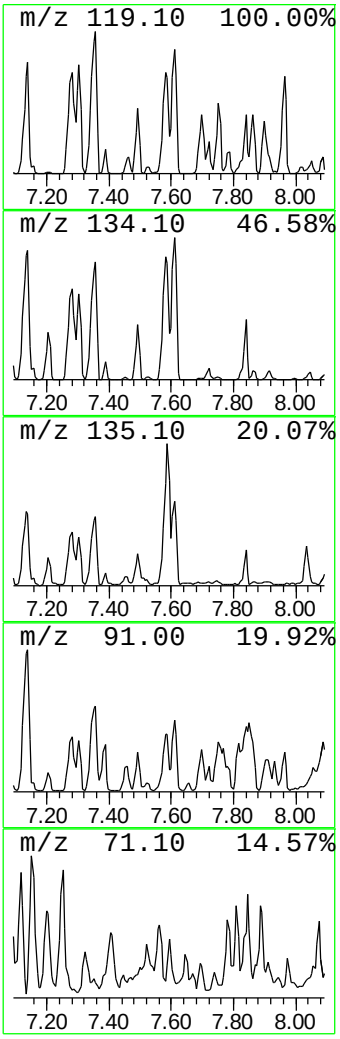
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	22.12 ng	7649570	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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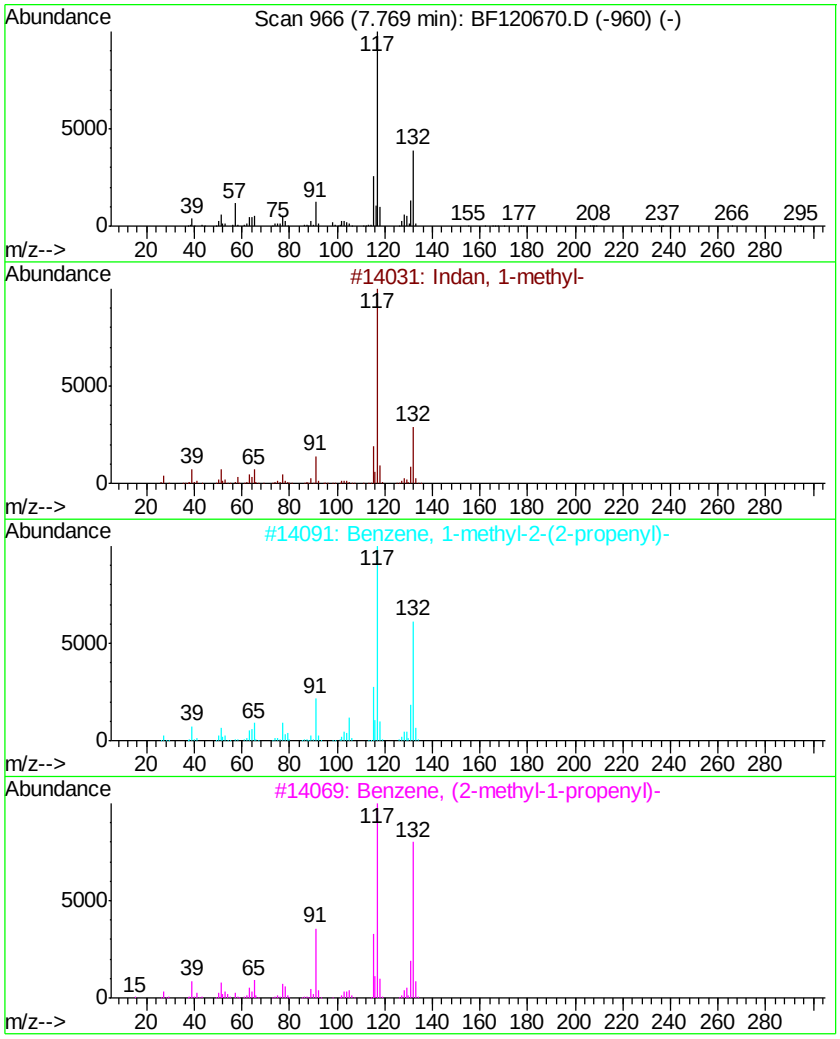
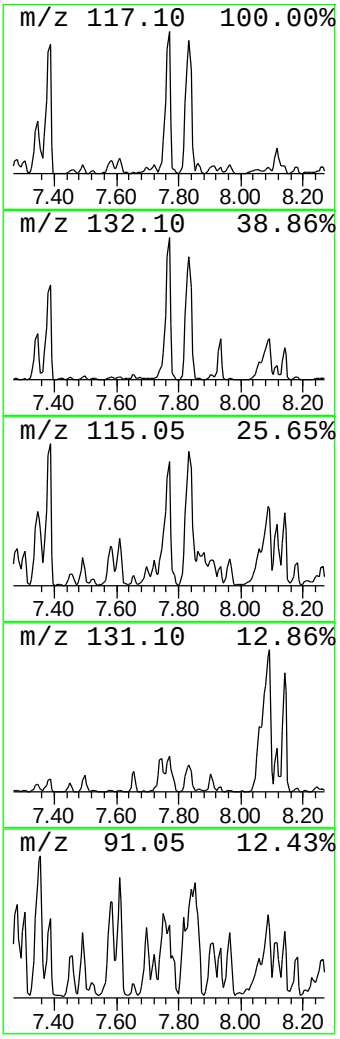
Peak Number 16 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	31.57 ng	10916700	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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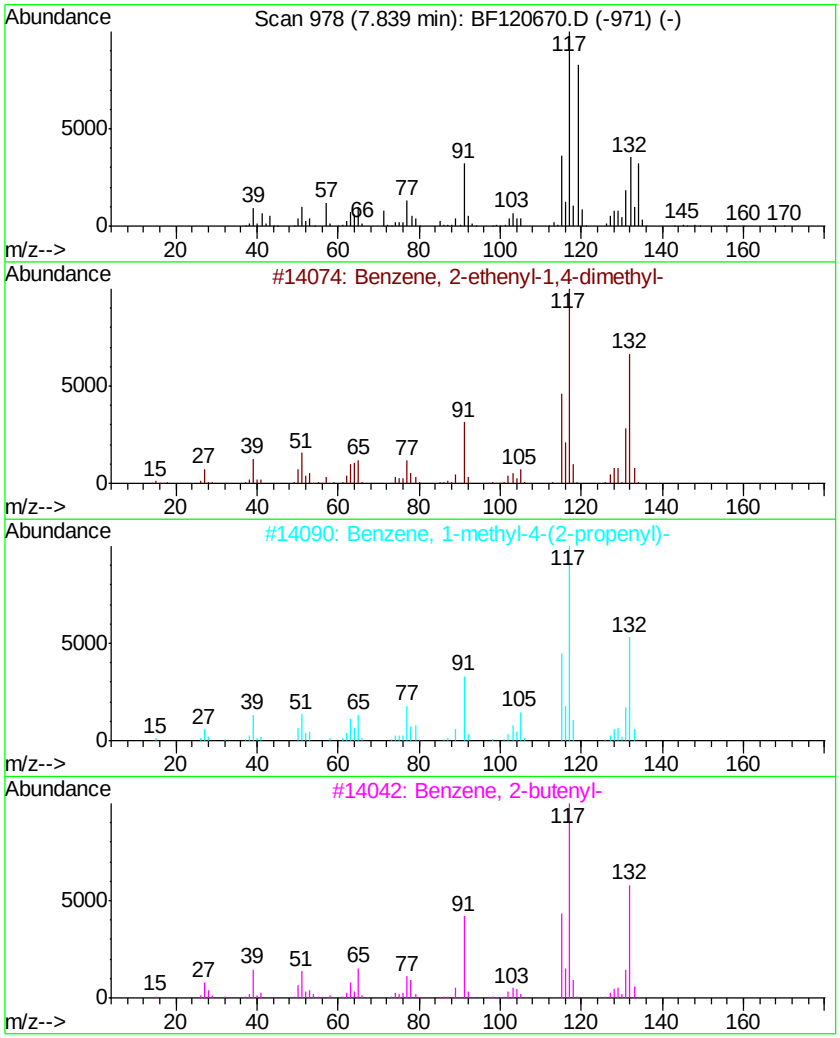
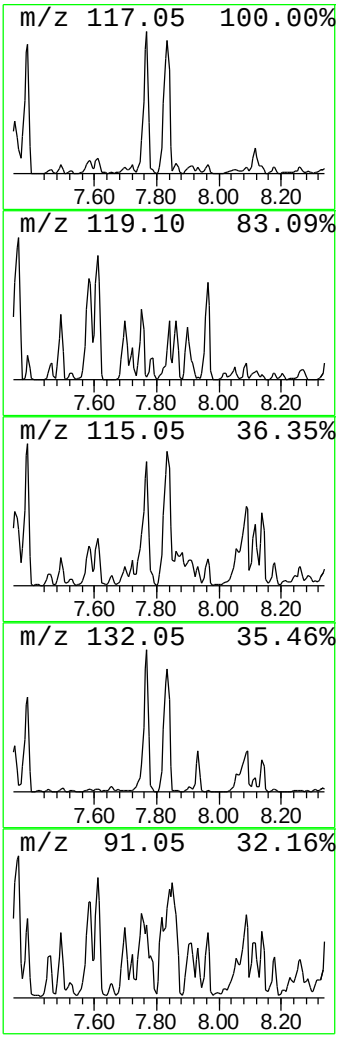
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	35.51 ng	12276700	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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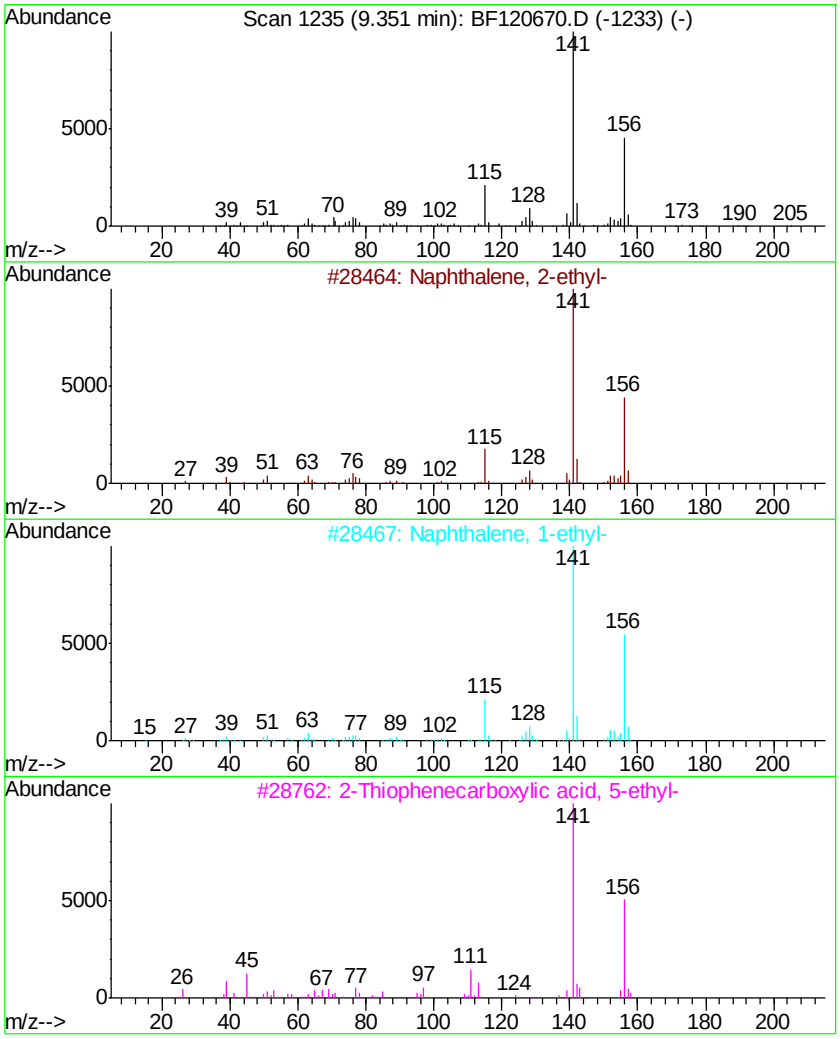
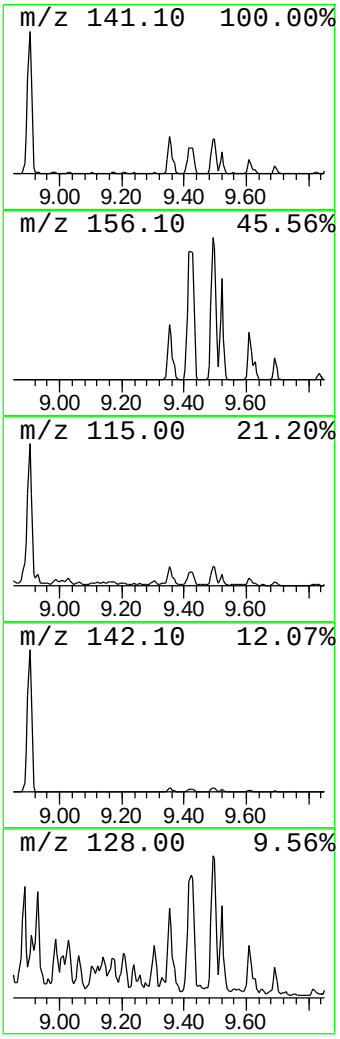
Peak Number 18 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	20.77 ng	1010900	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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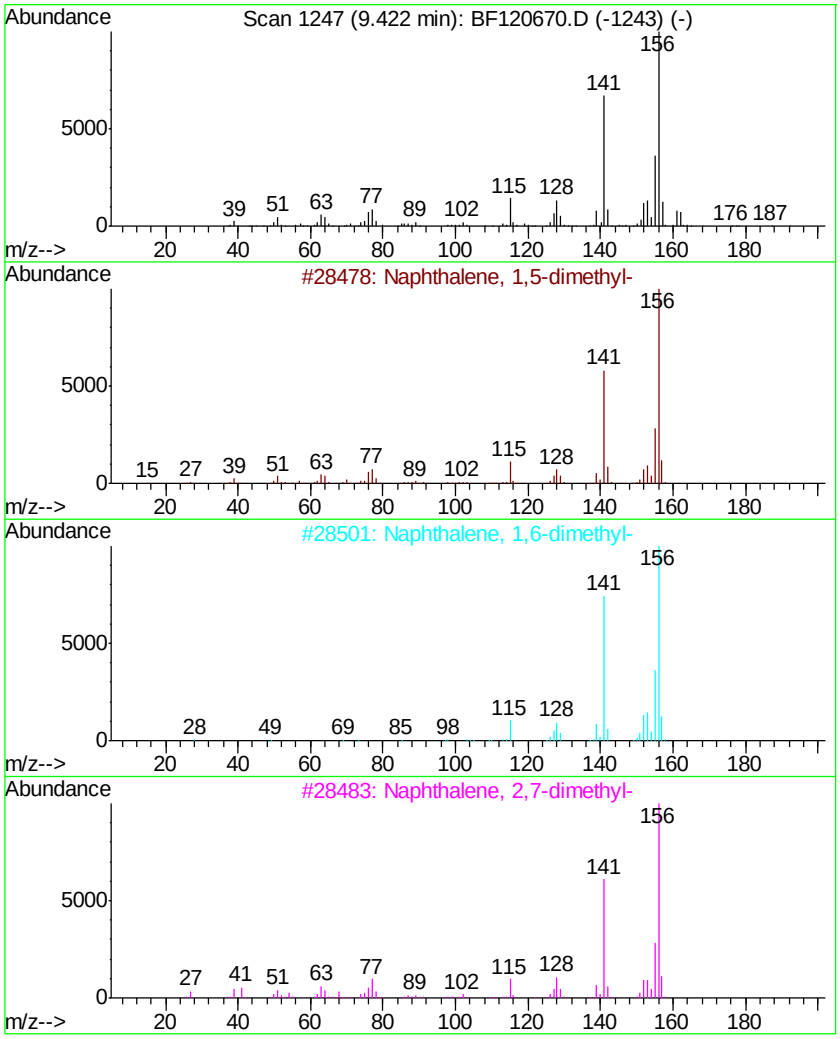
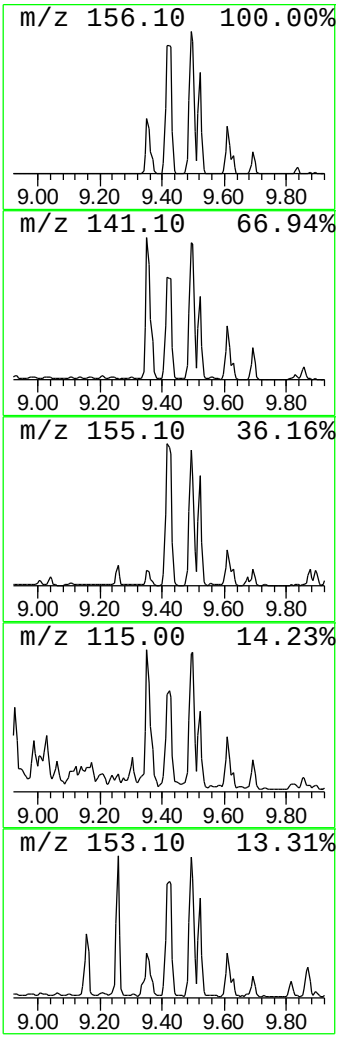
Peak Number 19 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	36.50 ng	1776740	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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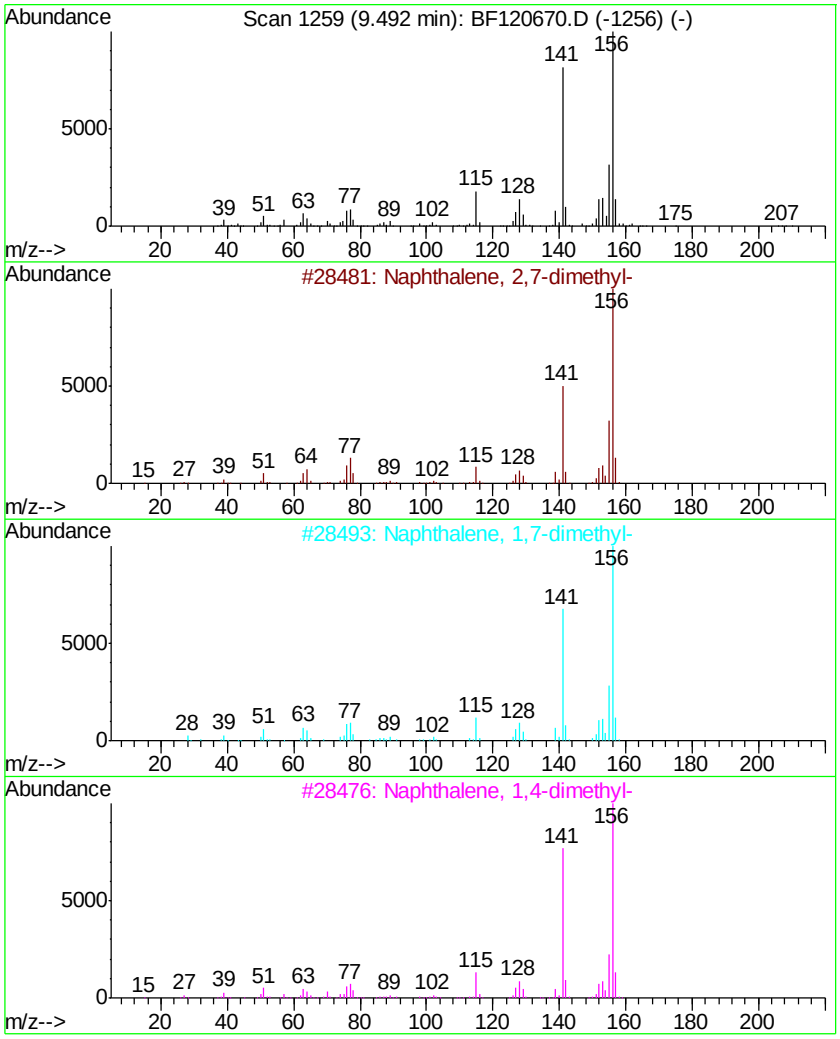
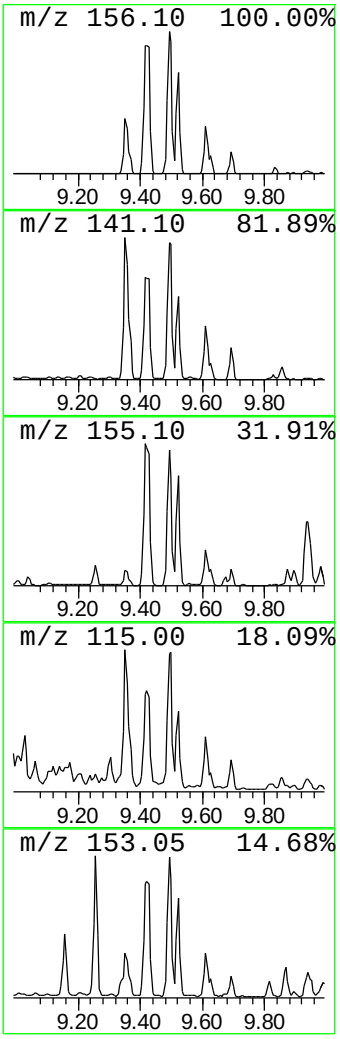
Peak Number 20 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	34.50 ng	1679200	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061920\
Data File : BF120670.D
Acq On : 19 Jun 2020 18:19
Operator : JU/CG
Sample : L3020-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27(16.5-18.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Heptane, 2,5-dime...	4.93	24.0	ng	3049970	1	6.80	2543630	20.0
unknown5.95	5.95	24.8	ng	3154060	1	6.80	2543630	20.0
Octane, 2,6-dimet...	6.05	26.2	ng	3336520	1	6.80	2543630	20.0
Undecane, 5,6-dim...	6.25	19.1	ng	2433720	1	6.80	2543630	20.0
Benzene, propyl-	6.26	24.2	ng	3078900	1	6.80	2543630	20.0
Decane, 2,5,9-tri...	6.30	35.1	ng	4463990	1	6.80	2543630	20.0
Benzene, 1-ethyl-...	6.49	21.9	ng	2787750	1	6.80	2543630	20.0
Benzene, 1,2,3-tr...	6.65	85.3	ng	10849700	1	6.80	2543630	20.0
Benzene, 1,2,4-tr...	6.87	53.4	ng	6795330	1	6.80	2543630	20.0
Sulfurous acid, 2...	6.93	19.9	ng	2526140	1	6.80	2543630	20.0
Indane	6.99	32.0	ng	4071570	1	6.80	2543630	20.0
Benzene, 1,3-diet...	7.06	36.0	ng	4581570	1	6.80	2543630	20.0
unknown7.09	7.09	25.4	ng	3226850	1	6.80	2543630	20.0
Benzene, 2-ethyl-...	7.14	62.4	ng	7933520	1	6.80	2543630	20.0
Benzene, 1,2,4,5-...	7.59	22.1	ng	7649570	2	8.09	6915240	20.0
Indan, 1-methyl-	7.77	31.6	ng	10916700	2	8.09	6915240	20.0
Benzene, 2-etheny...	7.84	35.5	ng	12276700	2	8.09	6915240	20.0
Naphthalene, 2-et...	9.35	20.8	ng	1010900	3	9.83	973570	20.0
Naphthalene, 1,5-...	9.42	36.5	ng	1776740	3	9.83	973570	20.0
Naphthalene, 2,7-...	9.49	34.5	ng	1679200	3	9.83	973570	20.0