LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

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-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	565	577	584	rBV	2064730	2987597	47.23%	3.454%
2	5.916	642	650	654	rBV4	251076	478608	7.57%	0.553%
3	5.963	654	658	665	rVV3	166719	347642	5.50%	0.402%
4	6.051	665	673	677	rVB4	349208	636090	10.06%	0.735%
5	6.145	684	689	695	rBV2	1023118	1807047	28.57%	2.089%
6	6.198	695	698	701	rVB	402173	456839	7.22%	0.528%
7	6.334	716	721	725	rBV3	692689	1187635	18.77%	1.373%
8	6.392	725	731	734	rVV	604181	861854	13.62%	0.996%
9	6.428	734	737	743	rVB4	801021	1347742	21.31%	1.558%
10	6.498	743	749	754	rBV	2070752	3132237	49.52%	3.621%
11	6.545	754	757	759	rBV	248355	301879	4.77%	0.349%
12	6.634	768	772	776	rBV4	931945	1783035	28.19%	2.061%
13	6.722	783	787	795	rVB4	1835773	3589383	56.74%	4.149%
14	6.828	799	805	807	rBV4	500074	959420	15.17%	1.109%
15	6.904	807	818	822	rVB2	2702737	5986352	94.63%	6.920%
16	6.951	822	826	829	rBV2	977635	1285340	20.32%	1.486%
17	7.004	829	835	838	rBV3	1003200	2054029	32.47%	2.375%
18	7.039	838	841	845	rVB2	2153005	2689685	42.52%	3.109%
19	7.122	852	855	857	rBV2	688697	909272	14.37%	1.051%
20	7.163	859	862	866	rVB2	1597278	2124077	33.58%	2.456%
21	7.204	866	869	872	rBV3	578366	849200	13.42%	0.982%
22	7.234	872	874	878	rVB2	619944	708164	11.19%	0.819%
23	7.287	878	883	887	rBV4	1629574	2691956	42.56%	3.112%
24	7.375	892	898	901	rBV2	796228	1423051	22.50%	1.645%
25	7.422	901	906	913	rBV4	2273642	5601005	88.54%	6.475%
26	7.534	921	925	929	rVB3	1623829	2473754	39.11%	2.860%
27	7.592	929	935	939	rBV3	931318	1863487	29.46%	2.154%
28	7.675	940	949	961	rVB5	1711316	6325801	100.00%	7.313%
29	7.792	961	969	971	rBV3	903200	2169486	34.30%	2.508%
30	7.816	971	973	977	rVB4	697131	704656	11.14%	0.815%
31	7.910	983	989	992	rBV3	828108	1442916	22.81%	1.668%
32	8.039	1008	1011	1015	rVB3	236182	287403	4.54%	0.332%
33	8.104	1017	1022	1027	rVV4	748700	1589739	25.13%	1.838%
34	8.169	1027	1033	1040	rVV2	1201557	2729250	43.14%	3.155%
35	8.228	1040	1043	1046	rVB2	505349	619067	9.79%	0.716%
36	8.257	1046	1048	1056	rVB6	194605	301827	4.77%	0.349%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

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-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.351	1060	1064	1070	rVB3	278914	395566	6.25%	0.457%
38	8.410	1070	1074	1079	rBV3	483542	676200	10.69%	0.782%
39	8.463	1080	1083	1087	rVB5	249316	300527	4.75%	0.347%
40	8.592	1101	1105	1111	rBV3	247105	452281	7.15%	0.523%
41	9.245	1210	1216	1220	rVB	2890040	4062500	64.22%	4.696%
42	9.286	1220	1223	1225	rBV2	378094	519255	8.21%	0.600%
43	9.563	1266	1270	1272	rBV2	1298775	1921536	30.38%	2.221%
44	9.651	1281	1285	1291	rBV4	1044826	2301465	36.38%	2.661%
45	9.745	1298	1301	1305	rVB4	935768	1105705	17.48%	1.278%
46	9.886	1321	1325	1327	rBV2	1231535	2030522	32.10%	2.347%
47	10.869	1489	1492	1498	rVB	4537616	6030584	95.33%	6.972%

Sum of corrected areas: 86502666

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
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Acq On : 03 Mar 2025 19:14
Operator : RC/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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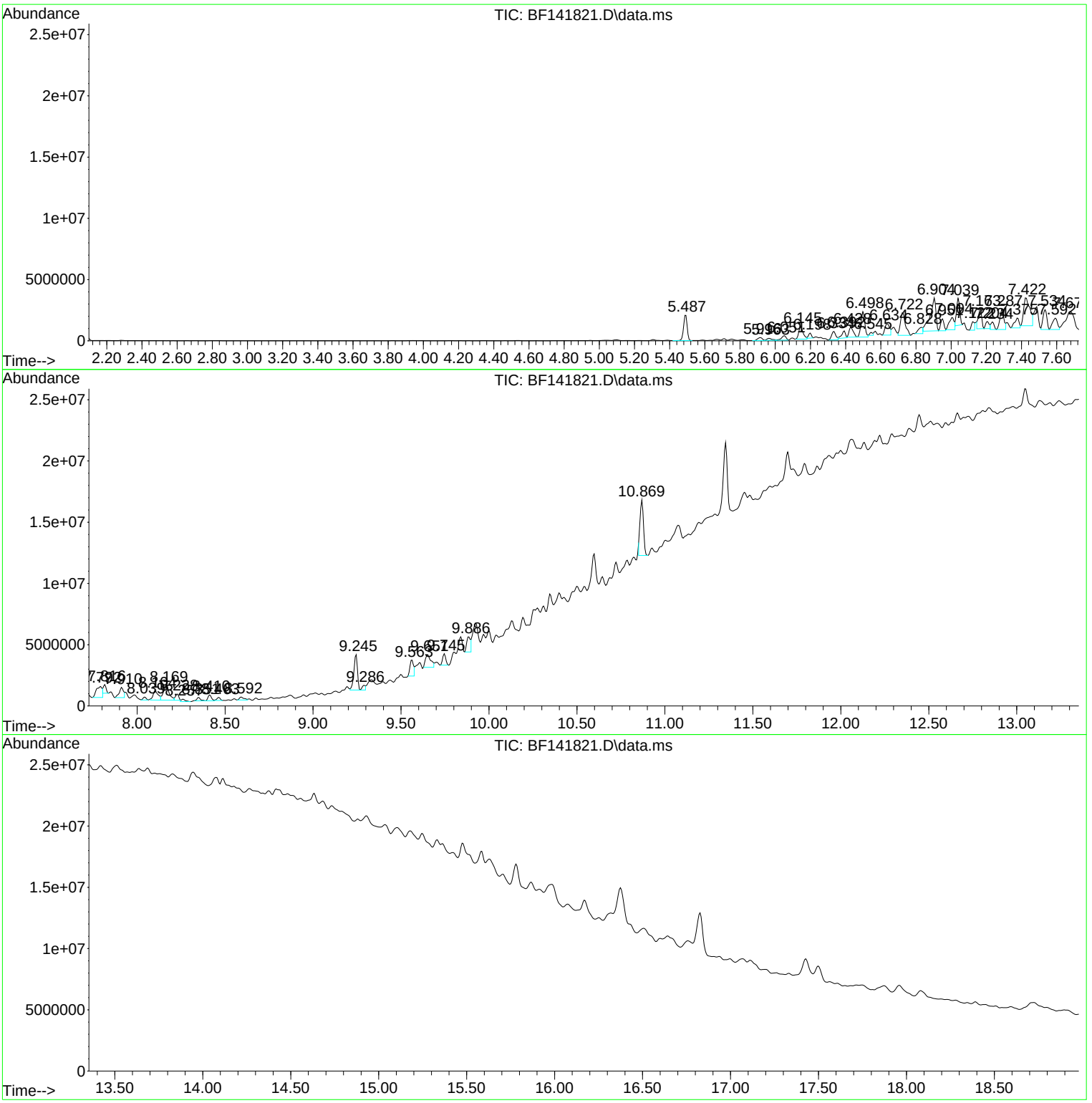
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

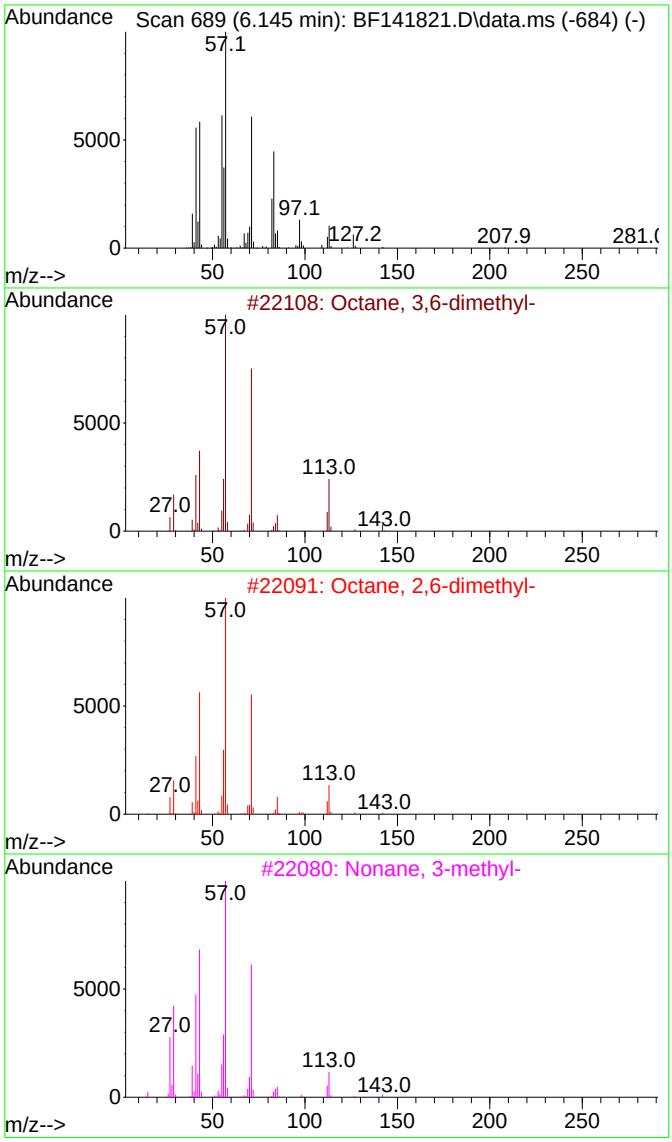
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

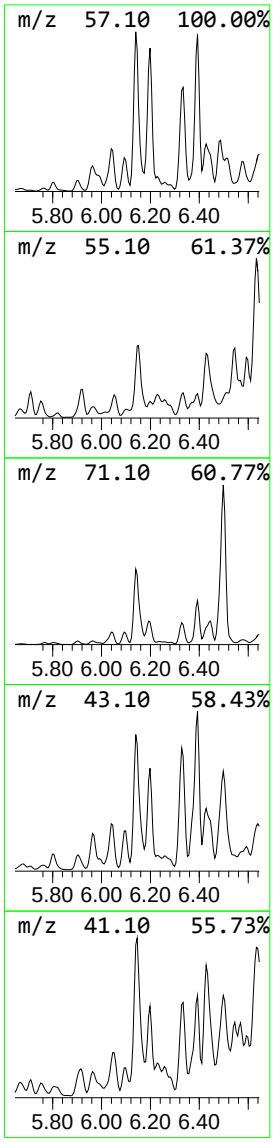
****

Peak Number 1 unknown6.145 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.145	6.04 ng	1807050	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

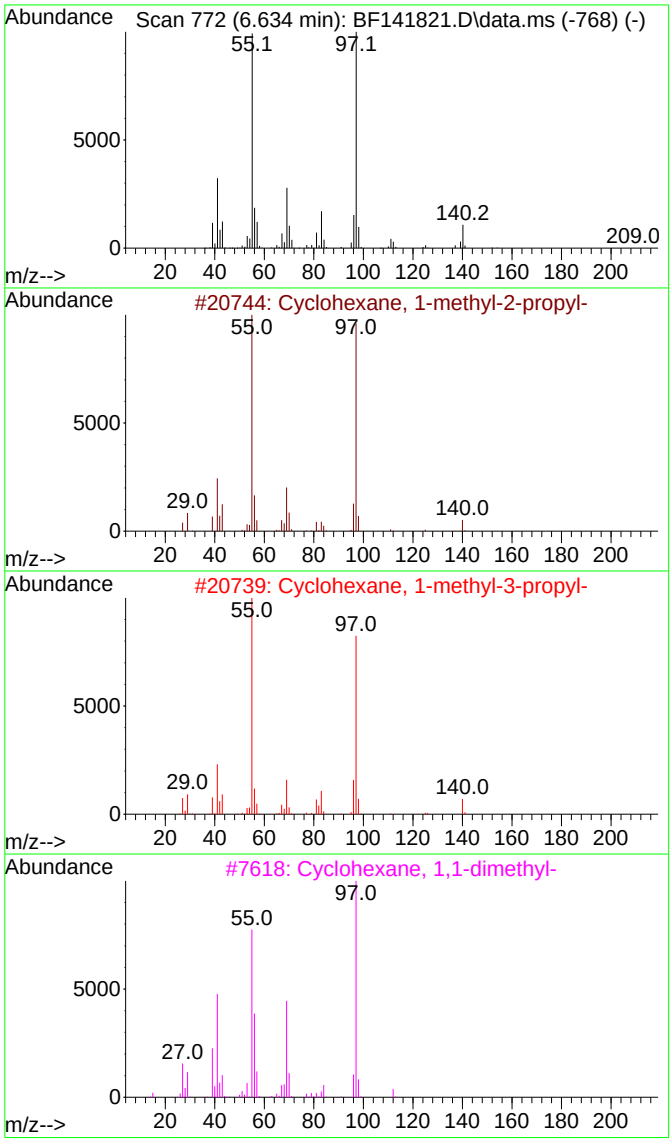
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

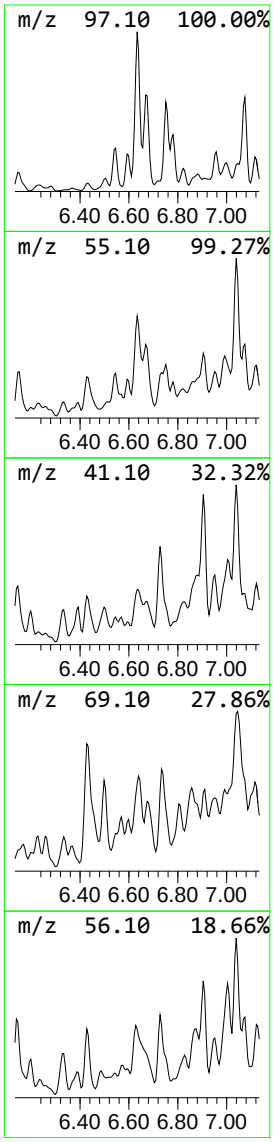
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-methyl-2-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.634	5.96 ng	1783040	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	80
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	74
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

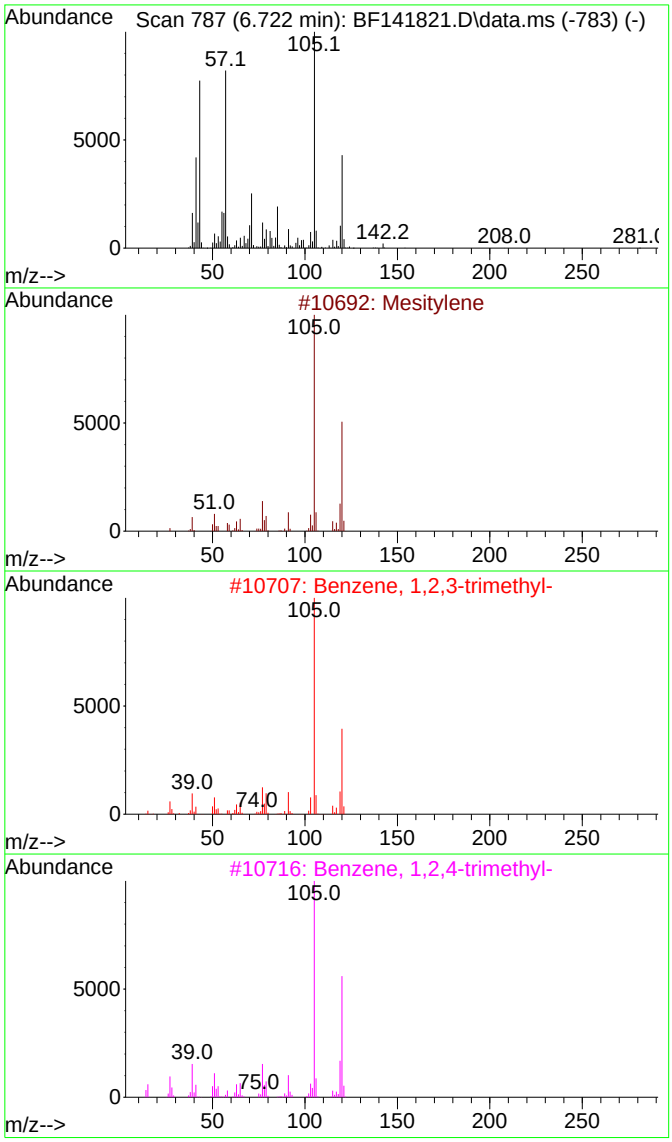
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

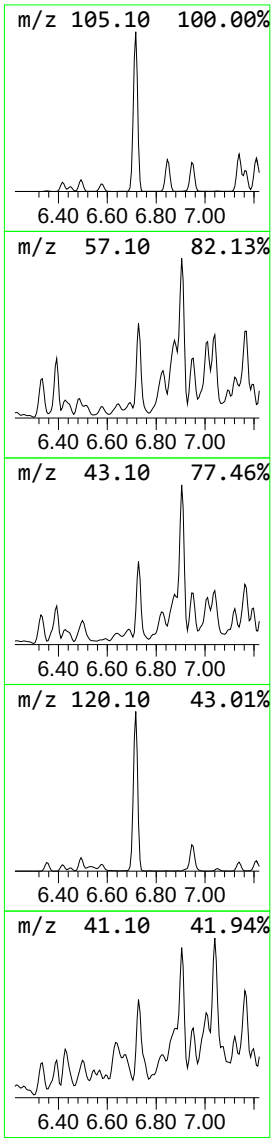
****

Peak Number 3 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	11.99 ng	3589380	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Decane	142	C10H22	000124-18-5	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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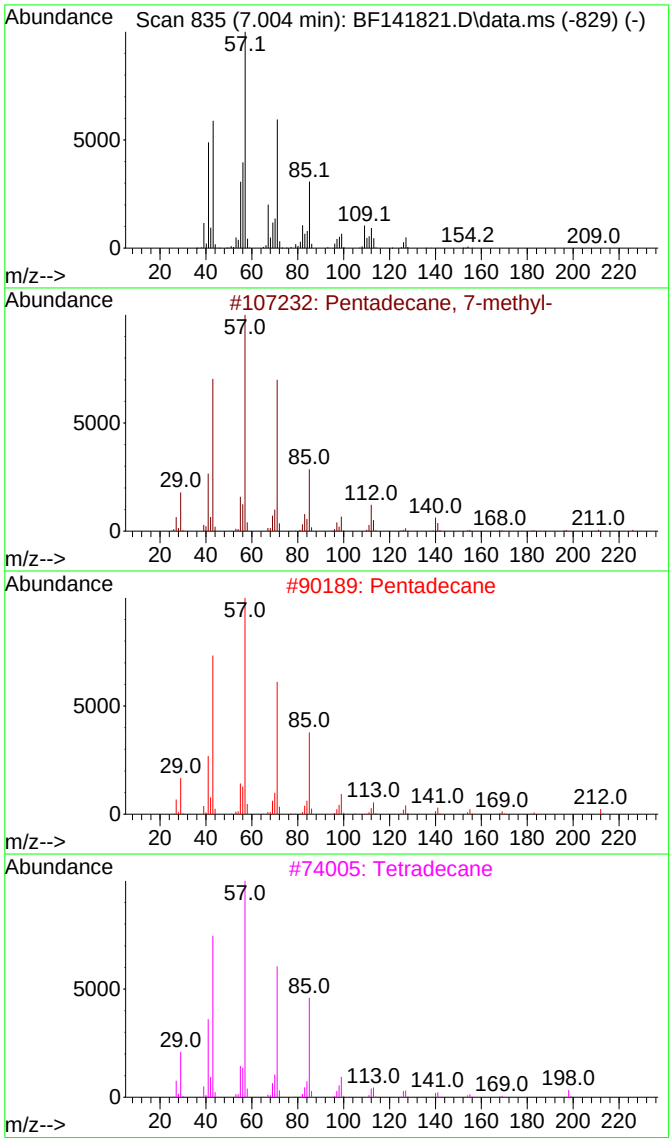
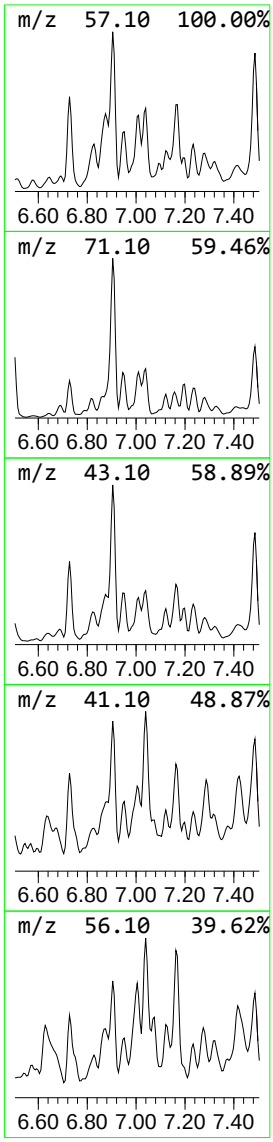
Peak Number 4 unknown7.004 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	6.86 ng	2054030	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	47
2	Pentadecane	212	C15H32	000629-62-9	46
3	Tetradecane	198	C14H30	000629-59-4	43
4	Hexadecane	226	C16H34	000544-76-3	43
5	Heptacosane	380	C27H56	000593-49-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

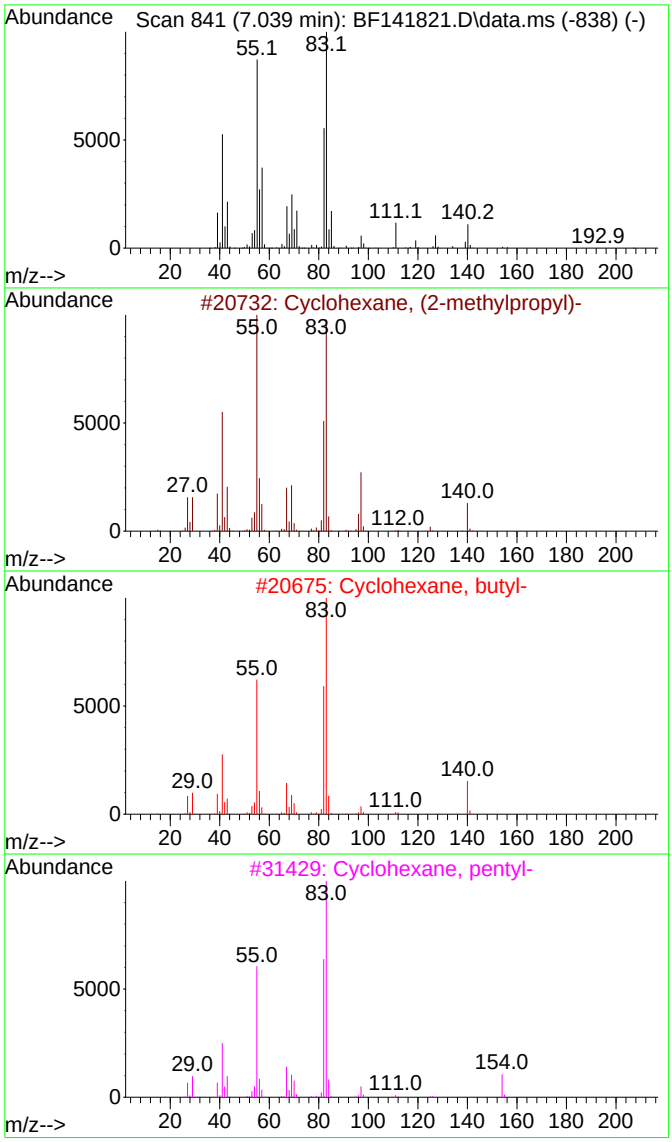
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

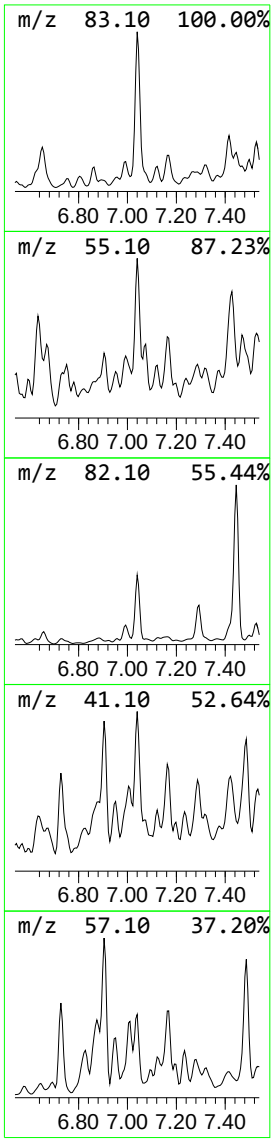
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, (2-methylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.039	8.99 ng	2689690	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	52
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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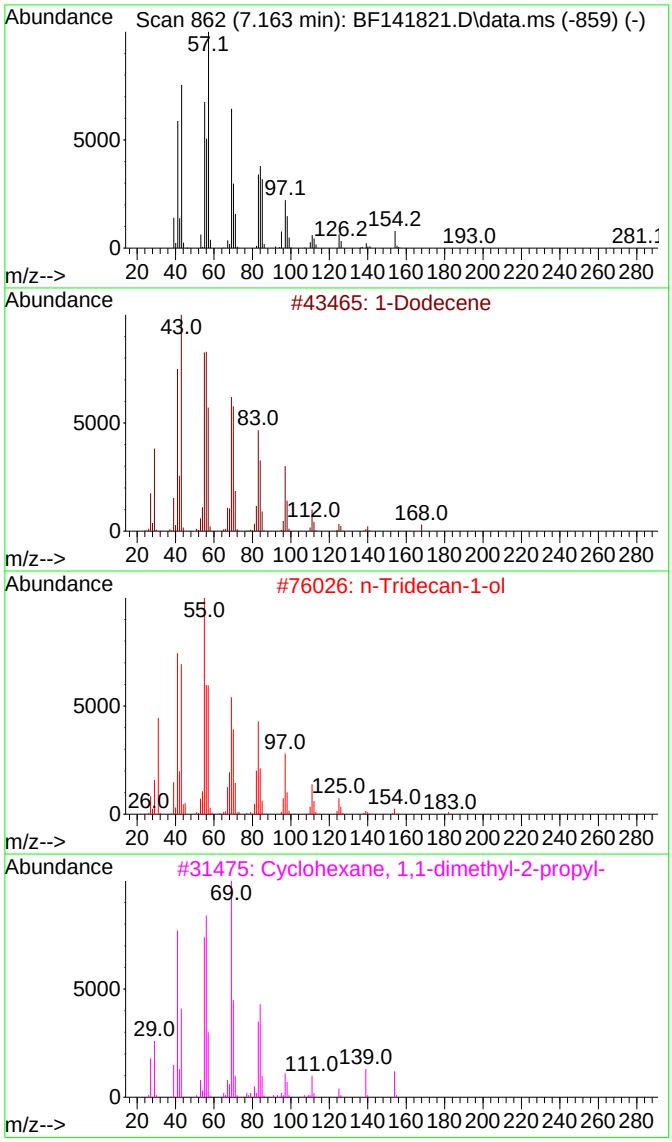
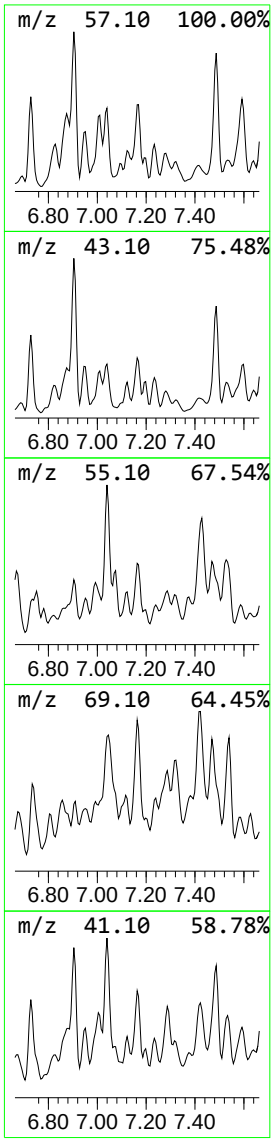
Peak Number 6 1-Dodecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	7.10 ng	2124080	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	53
2	n-Tridecan-1-ol	200	C13H28O	000112-70-9	53
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	52
4	1-Undecene	154	C11H22	000821-95-4	52
5	1-Hexadecanol	242	C16H34O	036653-82-4	47





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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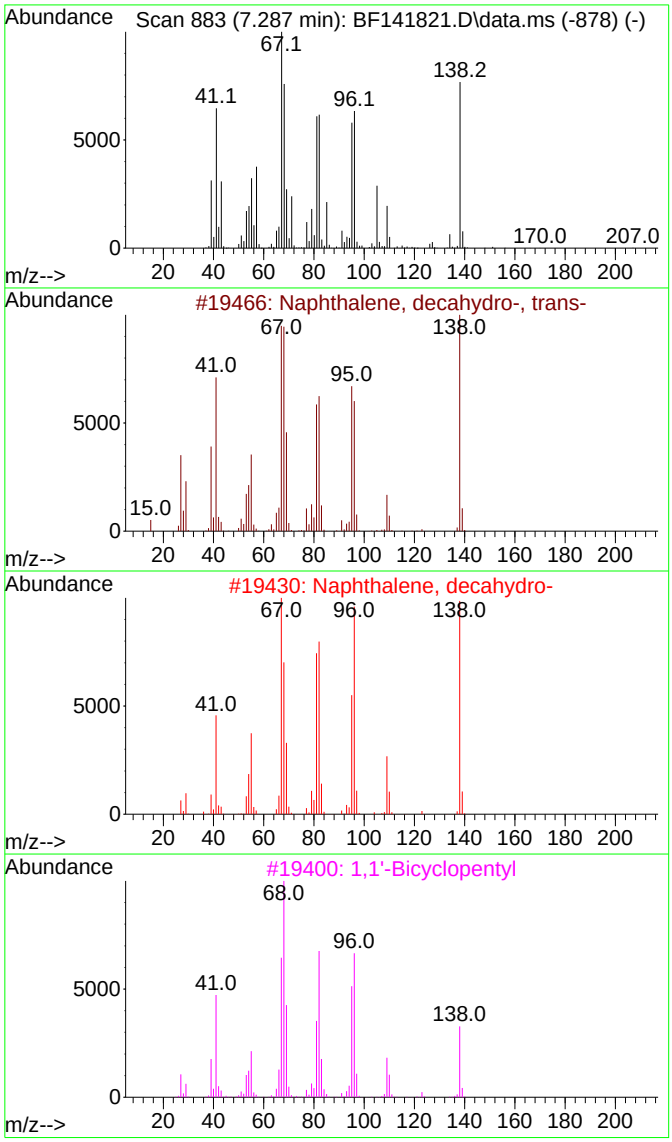
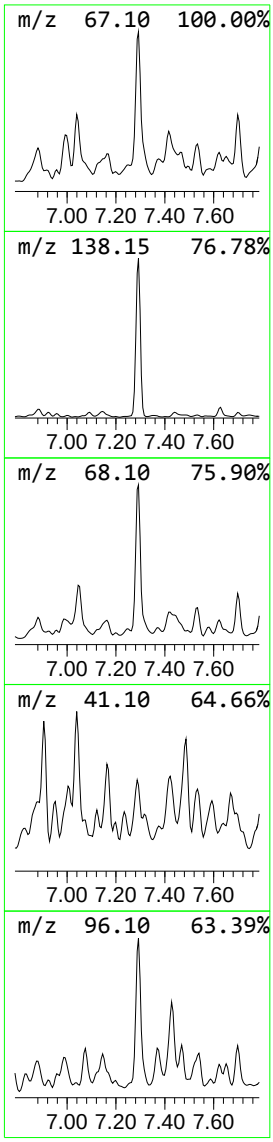
Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	8.99 ng	2691960	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	81
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70
4	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	68
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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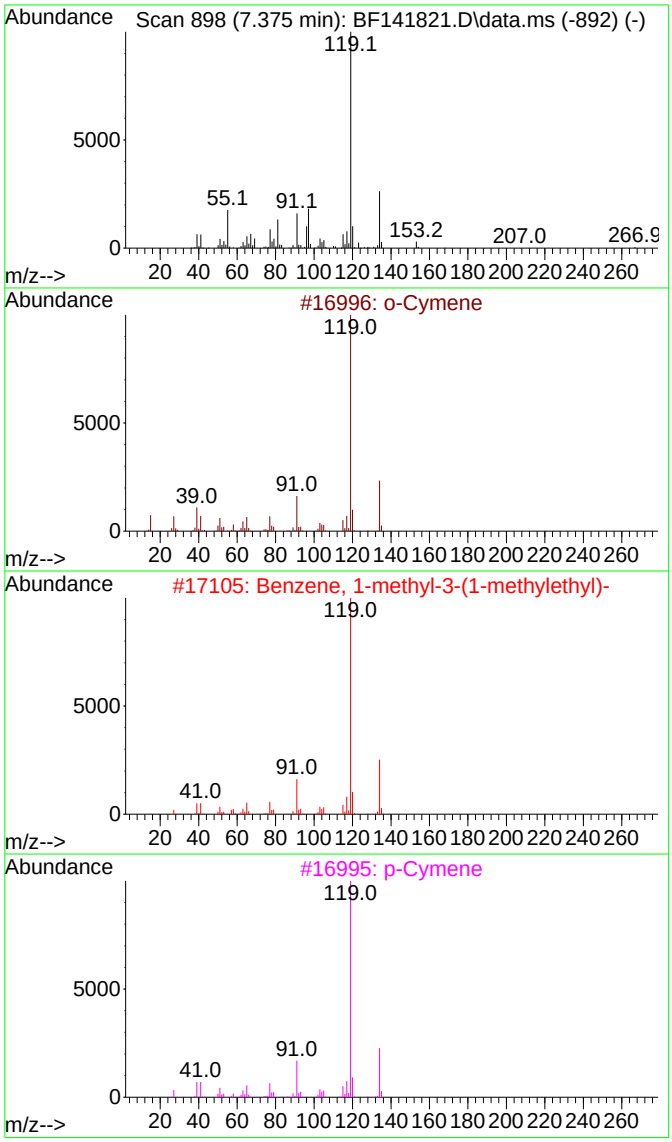
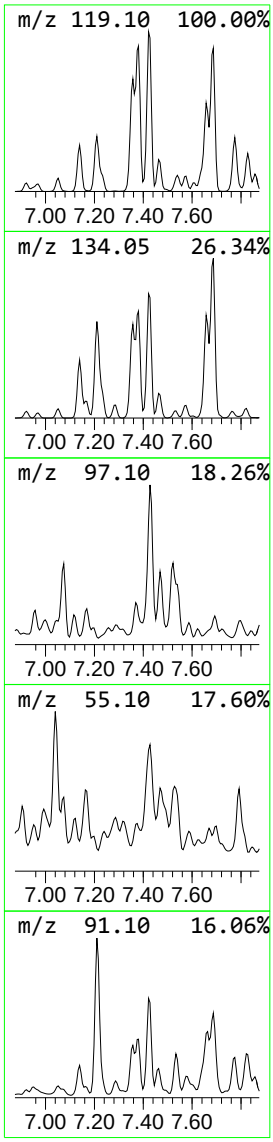
Peak Number 8 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.375	4.75 ng	1423050	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81





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Sample : Q1447-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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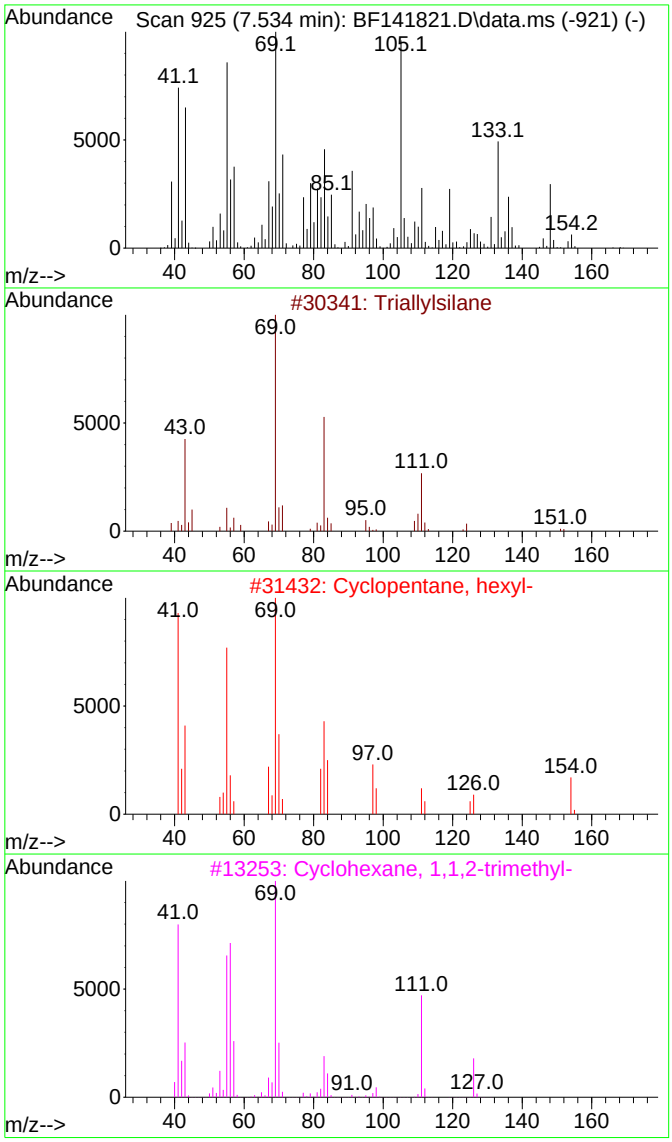
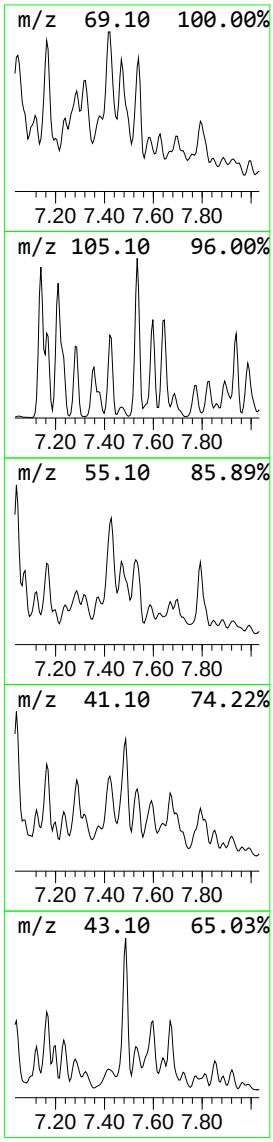
Peak Number 9 unknown7.534 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.534	18.13 ng	2473750	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triallylsilane	152	C9H16Si	001116-62-7	35
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	30
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
4	(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	27
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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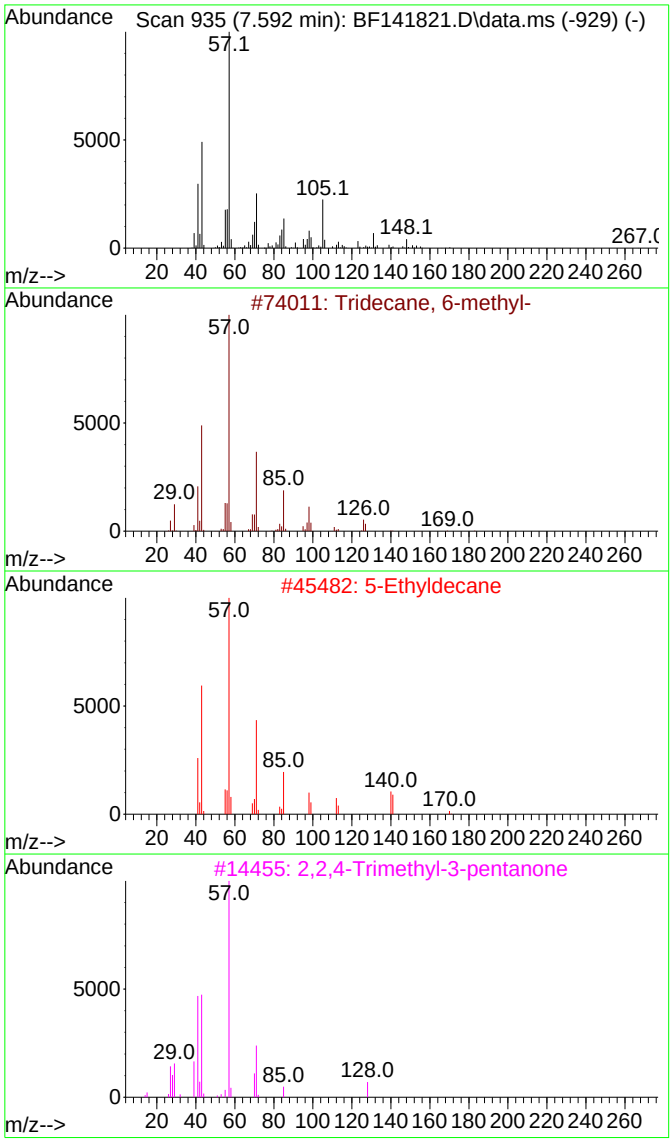
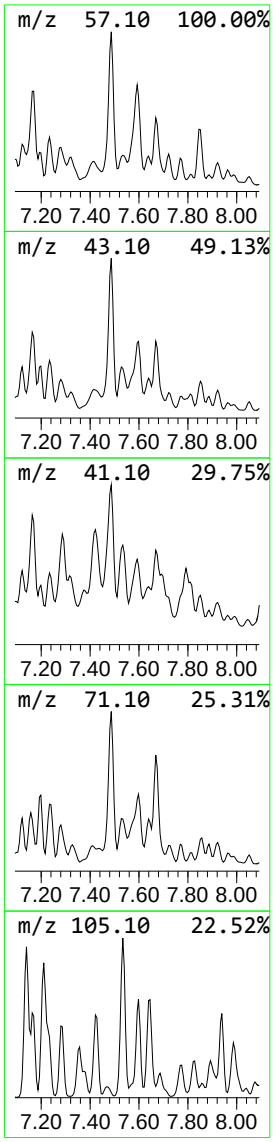
Peak Number 10 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.592	13.66 ng	1863490	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
2	5-Ethyldecane	170	C12H26	017302-36-2	43
3	2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	38
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	35
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	35





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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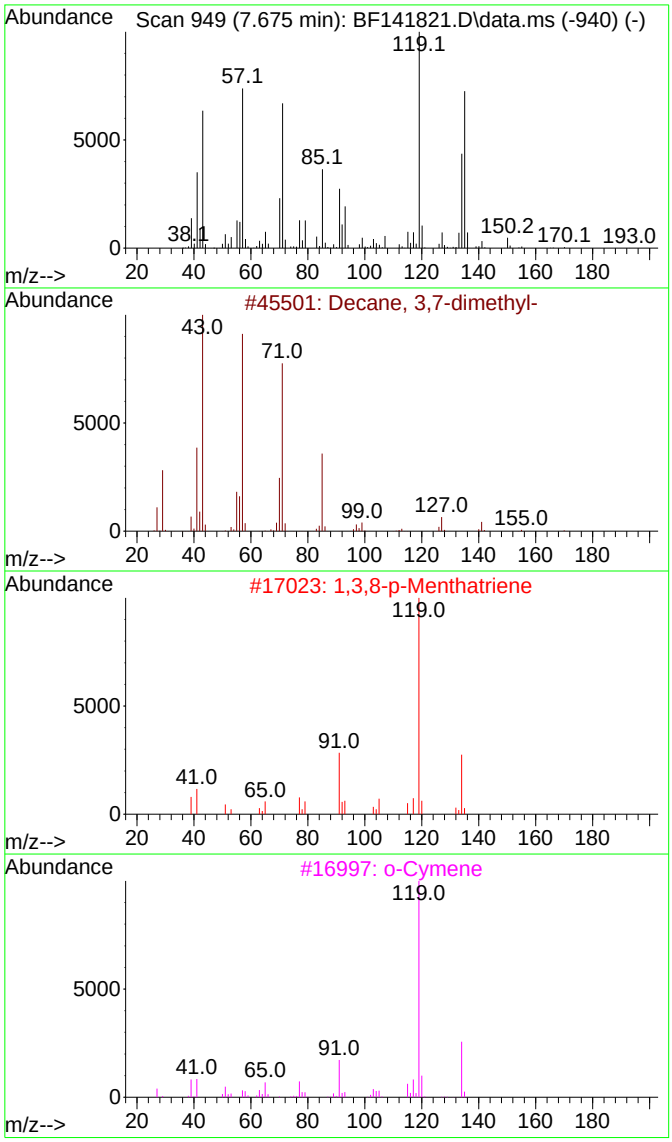
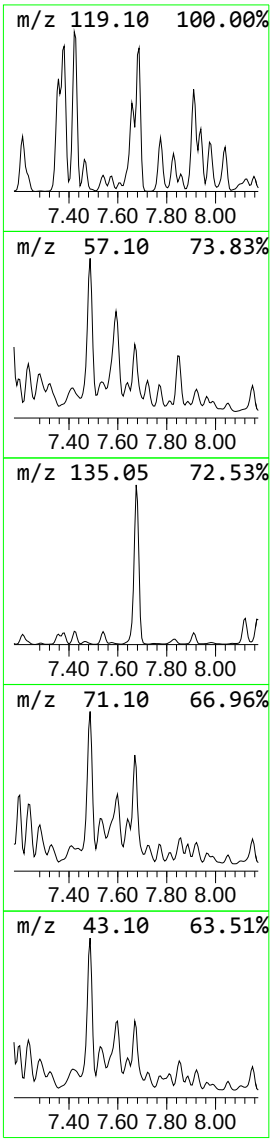
Peak Number 11 Decane, 3,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	46.36 ng	6325800	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	60
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	50
3	o-Cymene	134	C10H14	000527-84-4	46
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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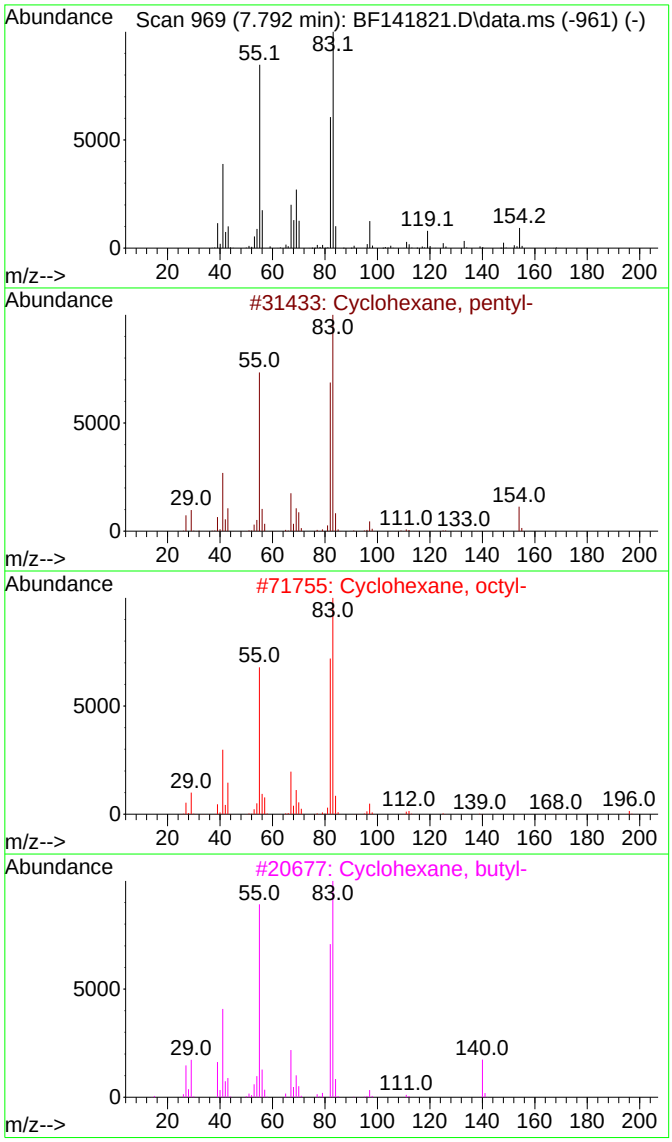
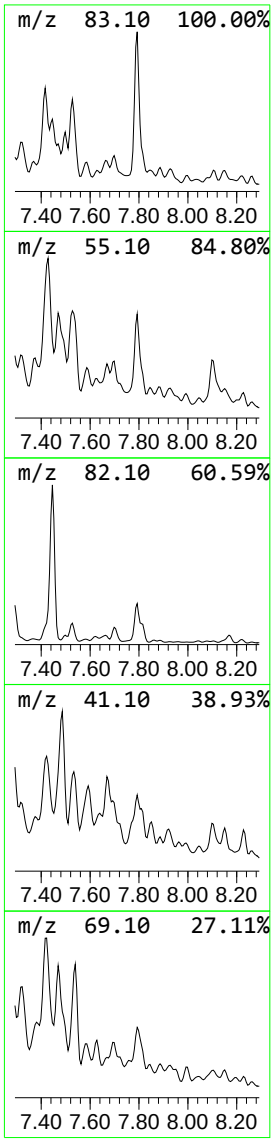
Peak Number 12 Cyclohexane, pentyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.792	15.90 ng	2169490	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64





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ALS Vial : 12 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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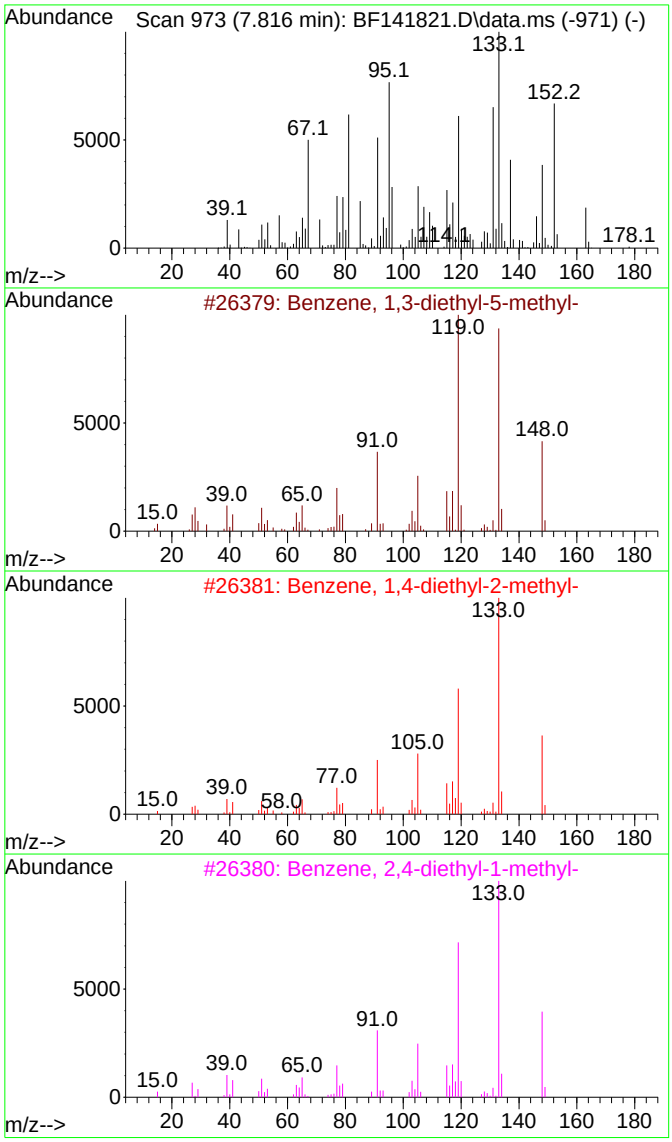
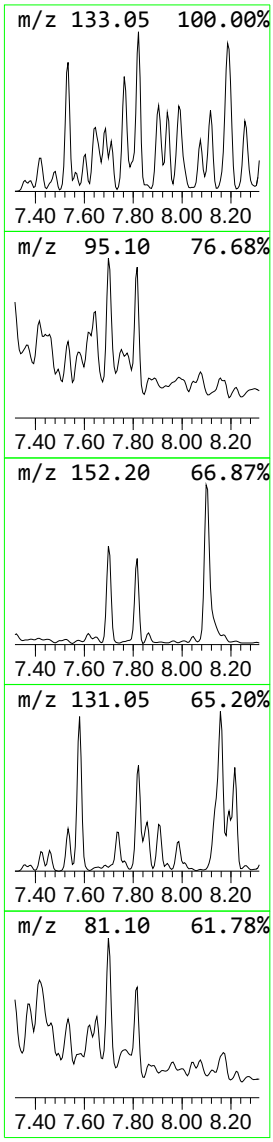
Peak Number 13 unknown7.816 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	5.16 ng	704656	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	47
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	42
4	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	38
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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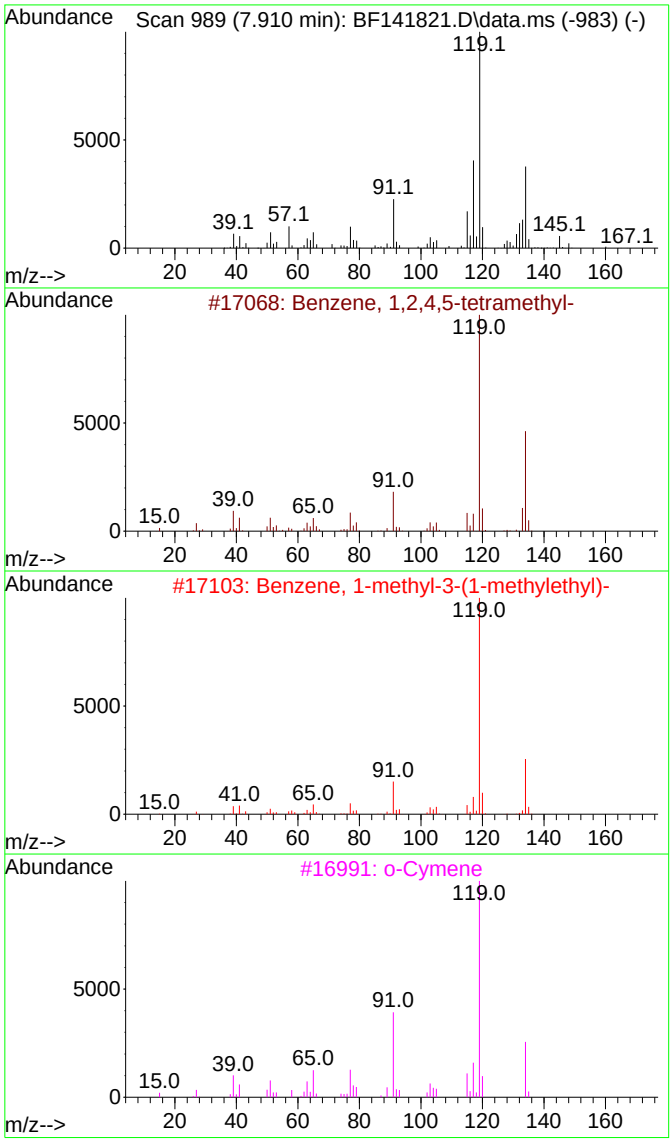
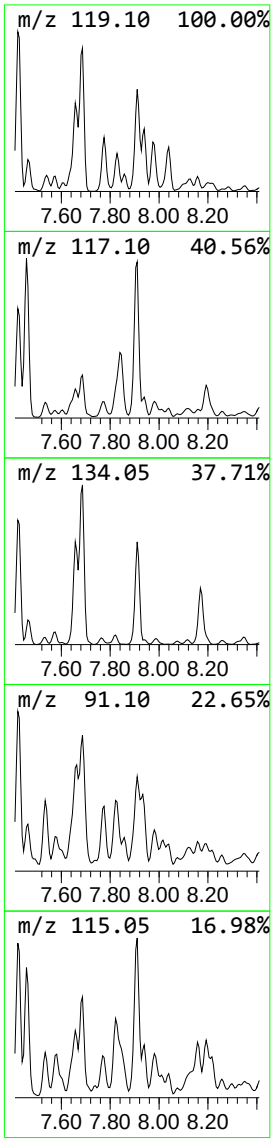
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.910	10.57 ng	1442920	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
5	p-Cymene	134	C10H14	000099-87-6	60





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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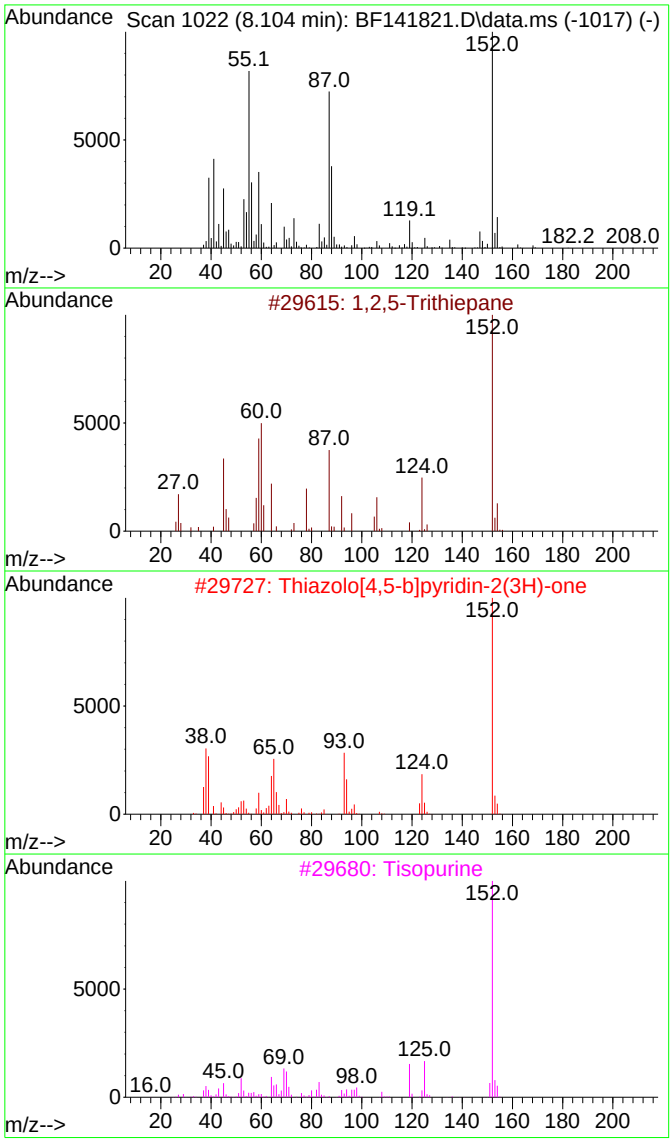
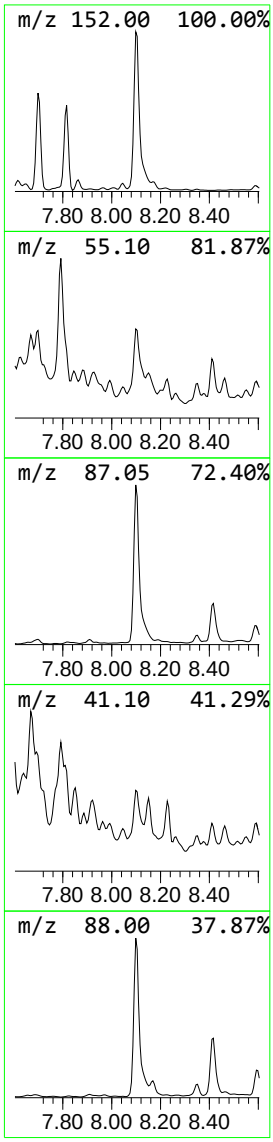
Peak Number 15 unknown8.104 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	11.65 ng	1589740	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	47
2	Thiazolo[4,5-b]pyridin-2(3H)-one	152	C6H4N2OS	1000337-65-8	35
3	Tisopurine	152	C5H4N4S	005334-23-6	27
4	Thiophene, 2,5-dichloro-	152	C4H2Cl2S	003172-52-9	16
5	6-Mercaptopurine	152	C5H4N4S	000050-44-2	16





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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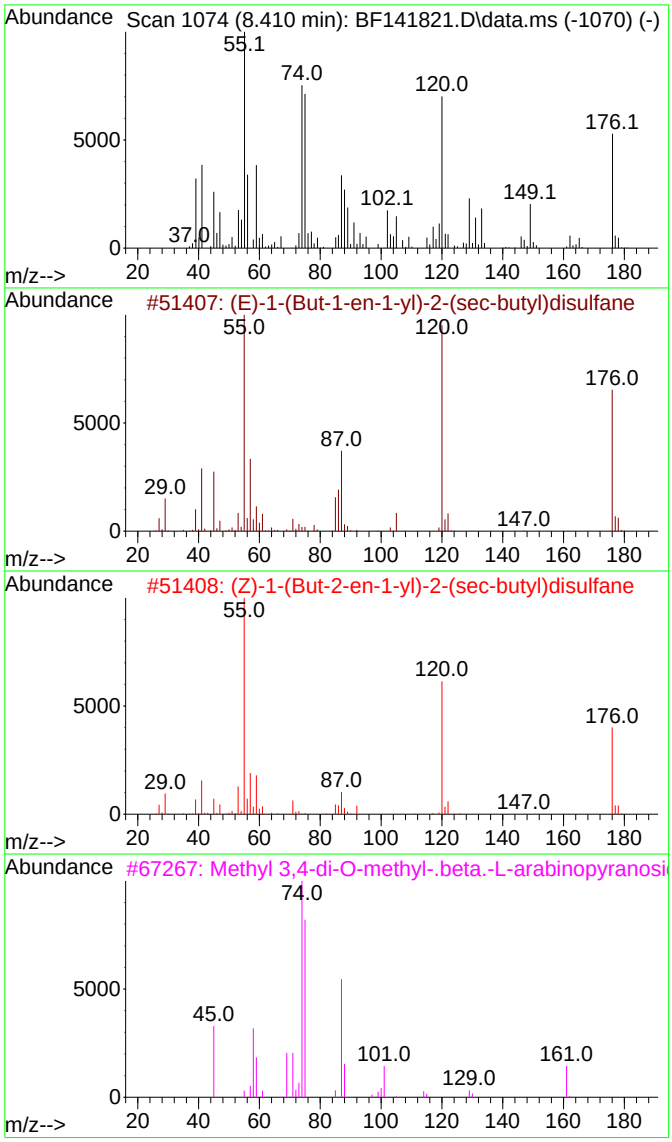
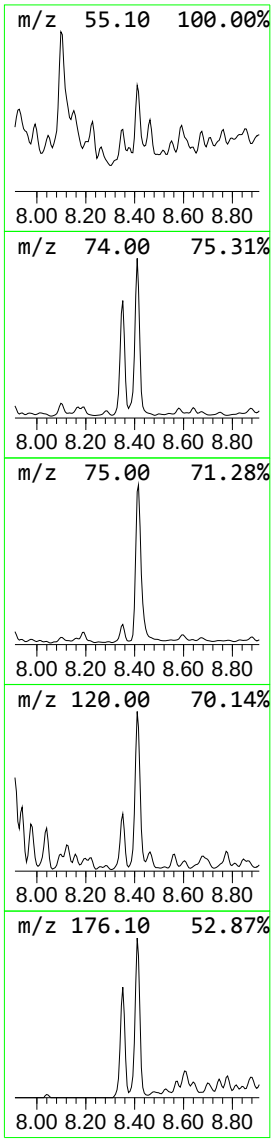
Peak Number 16 unknown8.410 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.410	4.96 ng	676200	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-(But-1-en-1-yl)-2-(sec-but...	176	C8H16S2	110690-22-7	44
2	(Z)-1-(But-2-en-1-yl)-2-(sec-but...	176	C8H16S2	110690-23-8	35
3	Methyl 3,4-di-O-methyl-.beta.-L-...	192	C8H16O5	002296-48-2	32
4	(Z)-1-(But-1-en-1-yl)-2-(sec-but...	176	C8H16S2	110690-21-6	30
5	Propanoic acid, 2-mercapto-2-met...	120	C4H8O2S	004695-31-2	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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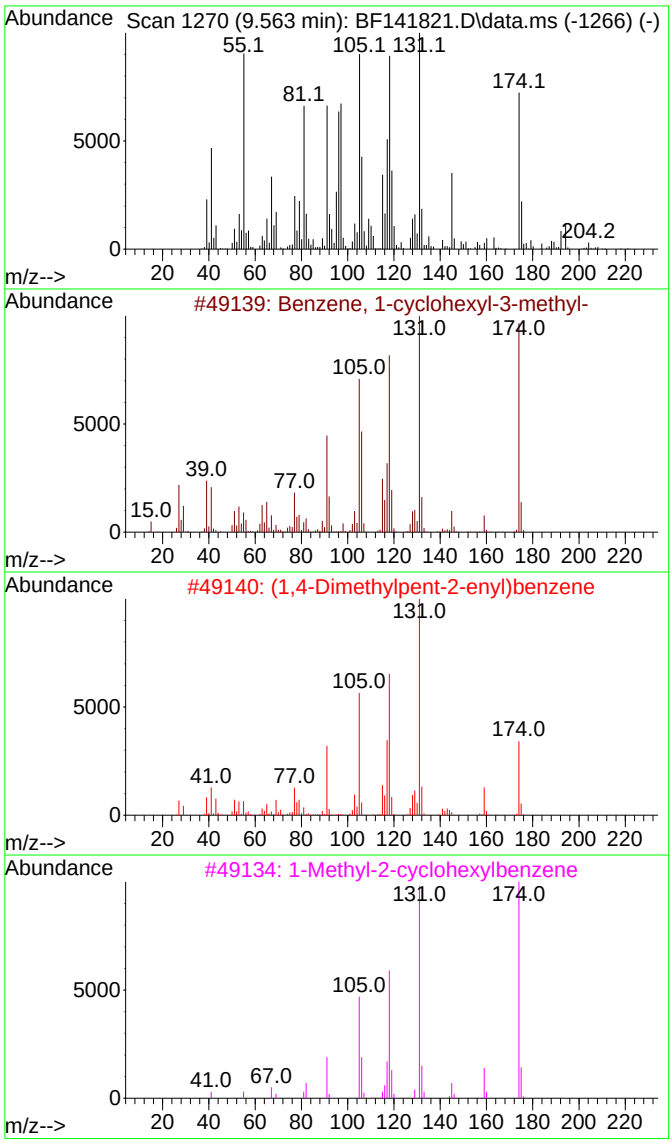
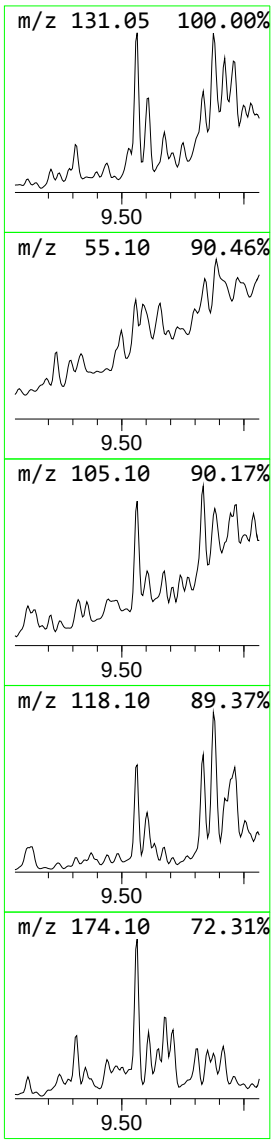
Peak Number 17 Benzene, 1-cyclohexyl-3-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	18.93 ng	1921540	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	64
2	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	60
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	58
4	3-Phenylthiane,S-oxide	194	C11H14OS	058121-26-9	30
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	15





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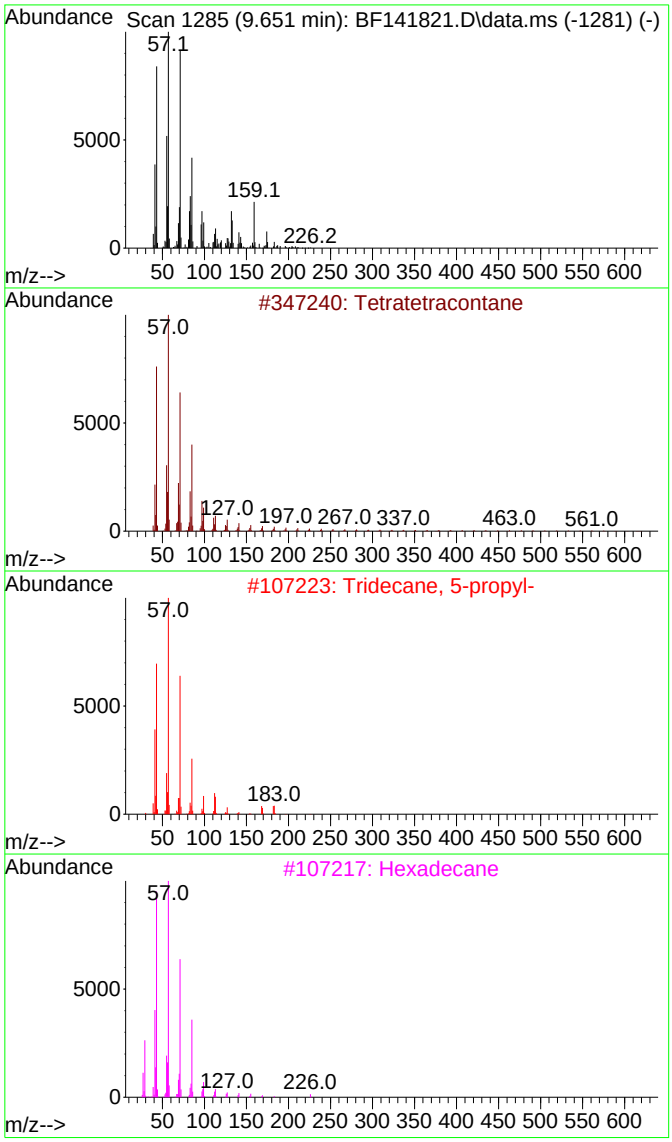
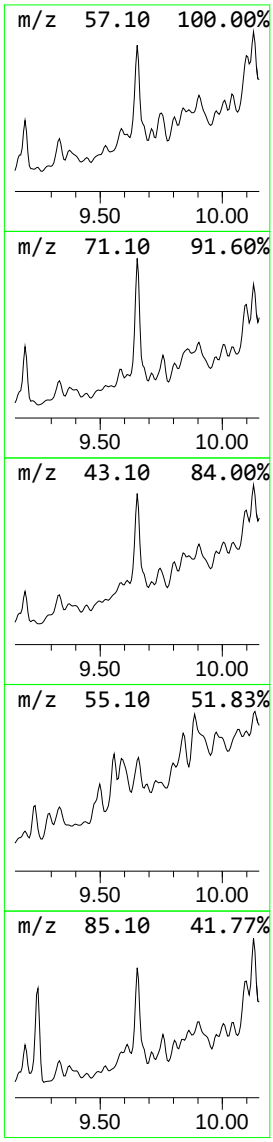
Peak Number 18 Tetratetracontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	22.67 ng	2301470	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	64
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62
3	Hexadecane	226	C16H34	000544-76-3	62
4	Tetradecane	198	C14H30	000629-59-4	58
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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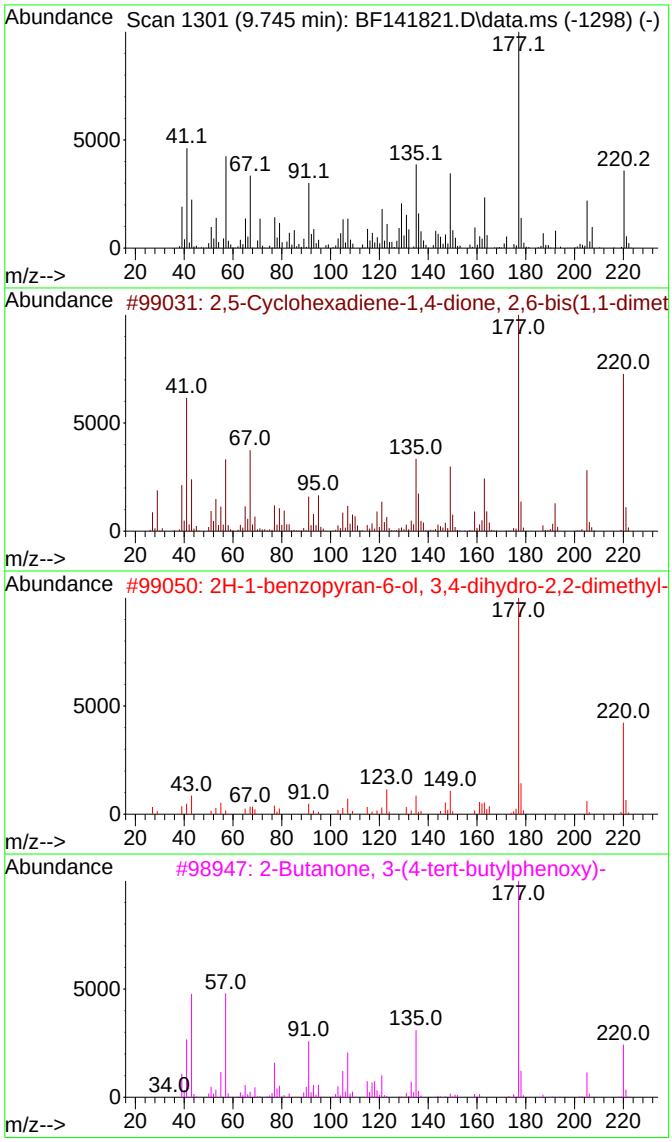
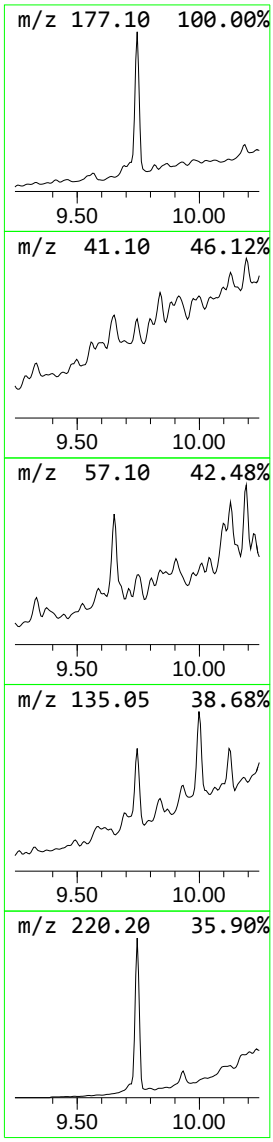
Peak Number 19 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	10.89 ng	1105710	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	93
2	2H-1-benzopyran-6-ol, 3,4-dihydr...	220	C14H20O2	1000396-25-4	55
3	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	55
4	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	53
5	2-Acetyl-3,4,5,6-tetrafluorobenz...	220	C9H4F4O2	1000461-12-2	43





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

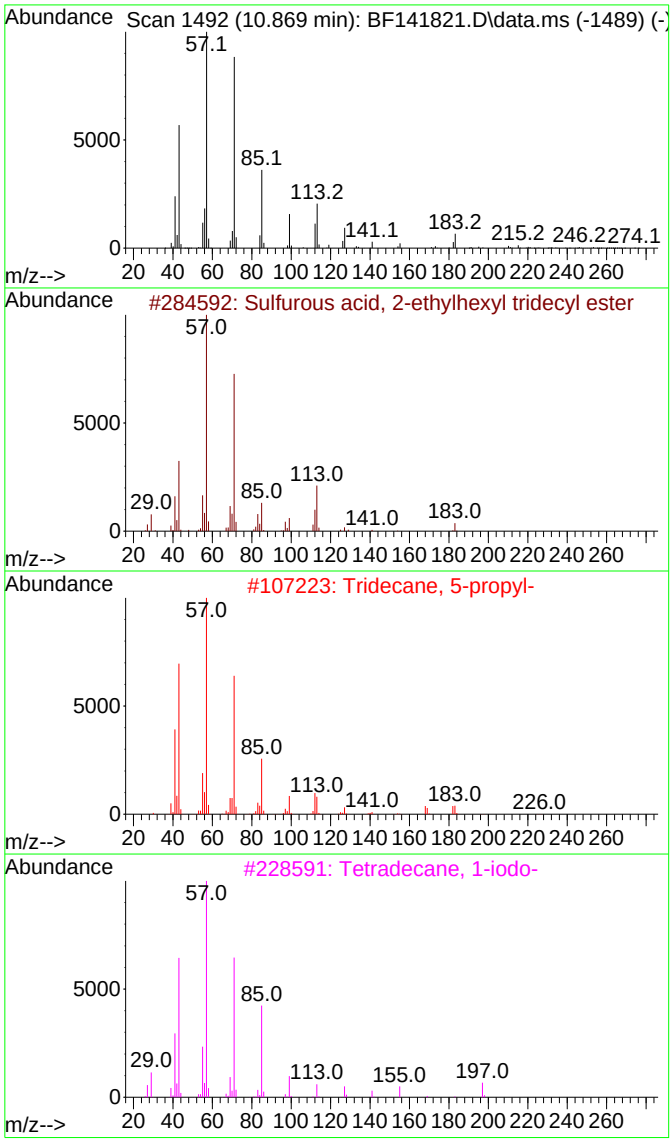
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

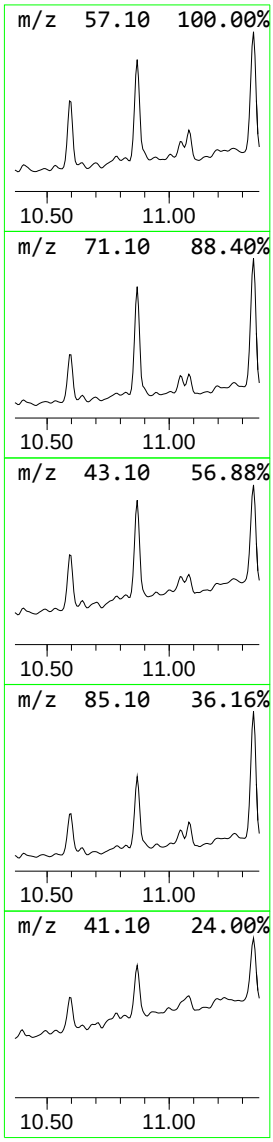
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	20.00 ng	6030580	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141821.D
Acq On : 03 Mar 2025 19:14
Operator : RC/JU
Sample : Q1447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.145	6.145	6.0	ng	1807050	1	6.892	5986350	20.0
Cyclohexane, 1-...	6.634	6.0	ng	1783040	1	6.892	5986350	20.0
Mesitylene	6.722	12.0	ng	3589380	1	6.892	5986350	20.0
unknown7.004	7.004	6.9	ng	2054030	1	6.892	5986350	20.0
Cyclohexane, (2...	7.039	9.0	ng	2689690	1	6.892	5986350	20.0
1-Dodecene	7.163	7.1	ng	2124080	1	6.892	5986350	20.0
Naphthalene, de...	7.287	9.0	ng	2691960	1	6.892	5986350	20.0
o-Cymene	7.375	4.8	ng	1423050	1	6.892	5986350	20.0
unknown7.534	7.534	18.1	ng	2473750	2	8.169	2729250	20.0
Tridecane, 6-me...	7.592	13.7	ng	1863490	2	8.169	2729250	20.0
Decane, 3,7-dim...	7.675	46.4	ng	6325800	2	8.169	2729250	20.0
Cyclohexane, pe...	7.792	15.9	ng	2169490	2	8.169	2729250	20.0
unknown7.816	7.816	5.2	ng	704656	2	8.169	2729250	20.0
Benzene, 1,2,4,...	7.910	10.6	ng	1442920	2	8.169	2729250	20.0
unknown8.104	8.104	11.7	ng	1589740	2	8.169	2729250	20.0
unknown8.410	8.410	5.0	ng	676200	2	8.169	2729250	20.0
Benzene, 1-cycl...	9.563	18.9	ng	1921540	3	9.928	2030520	20.0
Tetratetracontane	9.651	22.7	ng	2301470	3	9.928	2030520	20.0
2,5-Cyclohexadi...	9.745	10.9	ng	1105710	3	9.928	2030520	20.0
Sulfurous acid,...	10.869	20.0	ng	6030580	4	11.433	6030580	20.0