LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-733

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.493	403	408	419	rVB	29537	54100	1.67%	0.172%
2	5.493	573	578	587	rVB	695574	933825	28.90%	2.964%
3	5.775	622	626	633	rVB2	31996	50648	1.57%	0.161%
4	5.887	639	645	649	rBV4	24181	42801	1.32%	0.136%
5	6.022	661	668	673	rBV4	41800	73264	2.27%	0.233%
6	6.116	679	684	690	rBV5	65263	127426	3.94%	0.404%
7	6.169	690	693	696	rVB	32884	38480	1.19%	0.122%
8	6.304	711	716	720	rBV2	48466	78836	2.44%	0.250%
9	6.363	720	726	729	rVV2	28995	50839	1.57%	0.161%
10	6.398	729	732	739	rVV4	53958	100965	3.12%	0.320%
11	6.504	744	750	759	rBV	760590	1062906	32.89%	3.373%
12	6.610	763	768	772	rBV4	35513	73703	2.28%	0.234%
13	6.698	779	783	790	rBV5	44028	80561	2.49%	0.256%
14	6.828	790	805	807	rBV6	42307	119923	3.71%	0.381%
15	6.869	808	812	817	rVV2	358228	497558	15.40%	1.579%
16	6.922	817	821	824	rVV4	33955	58082	1.80%	0.184%
17	6.975	824	830	833	rVV4	43200	101430	3.14%	0.322%
18	7.010	833	836	840	rVV3	102104	155120	4.80%	0.492%
19	7.045	840	842	847	rVB4	41244	45531	1.41%	0.144%
20	7.140	853	858	861	rVB2	79340	102303	3.17%	0.325%
21	7.257	873	878	881	rBV3	57629	96108	2.97%	0.305%
22	7.398	896	902	904	rBV4	102837	194277	6.01%	0.617%
23	7.428	904	907	916	rVB	507061	760939	23.55%	2.415%
24	7.510	916	921	924	rBV3	106121	160320	4.96%	0.509%
25	7.563	924	930	934	rBV2	84911	166574	5.15%	0.529%
26	7.645	940	944	947	rBV3	113985	141635	4.38%	0.449%
27	7.675	947	949	955	rVB3	74979	97224	3.01%	0.309%
28	7.745	957	961	962	rBV	86480	103220	3.19%	0.328%
29	7.792	966	969	971	rVV2	94026	123689	3.83%	0.393%
30	7.822	971	974	978	rVB2	97708	136094	4.21%	0.432%
31	7.892	983	986	991	rBV4	57674	100845	3.12%	0.320%
32	7.969	996	999	1004	rVB4	70433	96496	2.99%	0.306%
33	8.022	1004	1008	1010	rBV2	91720	126264	3.91%	0.401%
34	8.051	1011	1013	1016	rBV4	39520	43481	1.35%	0.138%
35	8.098	1016	1021	1023	rBV4	105871	183540	5.68%	0.582%
36	8.151	1024	1030	1035	rVV	365296	673474	20.84%	2.137%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.204	1035	1039	1042	rVV2	535044	666684	20.63%	2.116%
38	8.234	1042	1044	1052	rVB6	148330	257621	7.97%	0.818%
39	8.298	1053	1055	1057	rBV2	52720	60800	1.88%	0.193%
40	8.351	1061	1064	1067	rBV	120496	133480	4.13%	0.424%
41	8.439	1072	1079	1084	rBV5	438958	817738	25.30%	2.595%
42	8.492	1085	1088	1091	rVB2	127602	149821	4.64%	0.475%
43	8.528	1092	1094	1097	rBV2	91822	98731	3.06%	0.313%
44	8.569	1097	1101	1104	rBV	536189	728466	22.54%	2.312%
45	8.657	1113	1116	1118	rBV3	111193	135910	4.21%	0.431%
46	8.692	1118	1122	1127	rVV5	188251	379945	11.76%	1.206%
47	8.834	1143	1146	1150	rVB2	404121	511455	15.83%	1.623%
48	8.928	1159	1162	1165	rBV5	152601	251308	7.78%	0.798%
49	9.057	1176	1184	1188	rBV6	314643	810149	25.07%	2.571%
50	9.169	1200	1203	1208	rVB2	946073	1170950	36.23%	3.716%
51	9.222	1208	1212	1217	rBV	869751	1168085	36.15%	3.707%
52	9.310	1222	1227	1231	rBV3	553387	972821	30.10%	3.087%
53	9.628	1276	1281	1285	rBV3	1146020	1581248	48.93%	5.018%
54	9.775	1303	1306	1309	rBV3	308967	375014	11.60%	1.190%
55	10.163	1369	1372	1379	rVB5	642030	1172387	36.28%	3.721%
56	10.228	1380	1383	1386	rBV3	421496	620992	19.22%	1.971%
57	10.316	1395	1398	1403	rBV3	489822	768007	23.77%	2.437%
58	10.557	1435	1439	1445	rVB	1467671	2102976	65.08%	6.674%
59	10.828	1480	1485	1492	rBV	2181722	3231593	100.00%	10.256%
60	11.292	1560	1564	1571	rVB	1719993	2552541	78.99%	8.101%
61	11.404	1580	1583	1597	rVB3	558153	1260409	39.00%	4.000%
62	11.639	1620	1623	1633	rVB	666140	1087373	33.65%	3.451%
63	12.986	1850	1852	1860	rVB	696469	930720	28.80%	2.954%
64	15.545	2283	2287	2303	rVB2	212808	460680	14.26%	1.462%

Sum of corrected areas: 31510385

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
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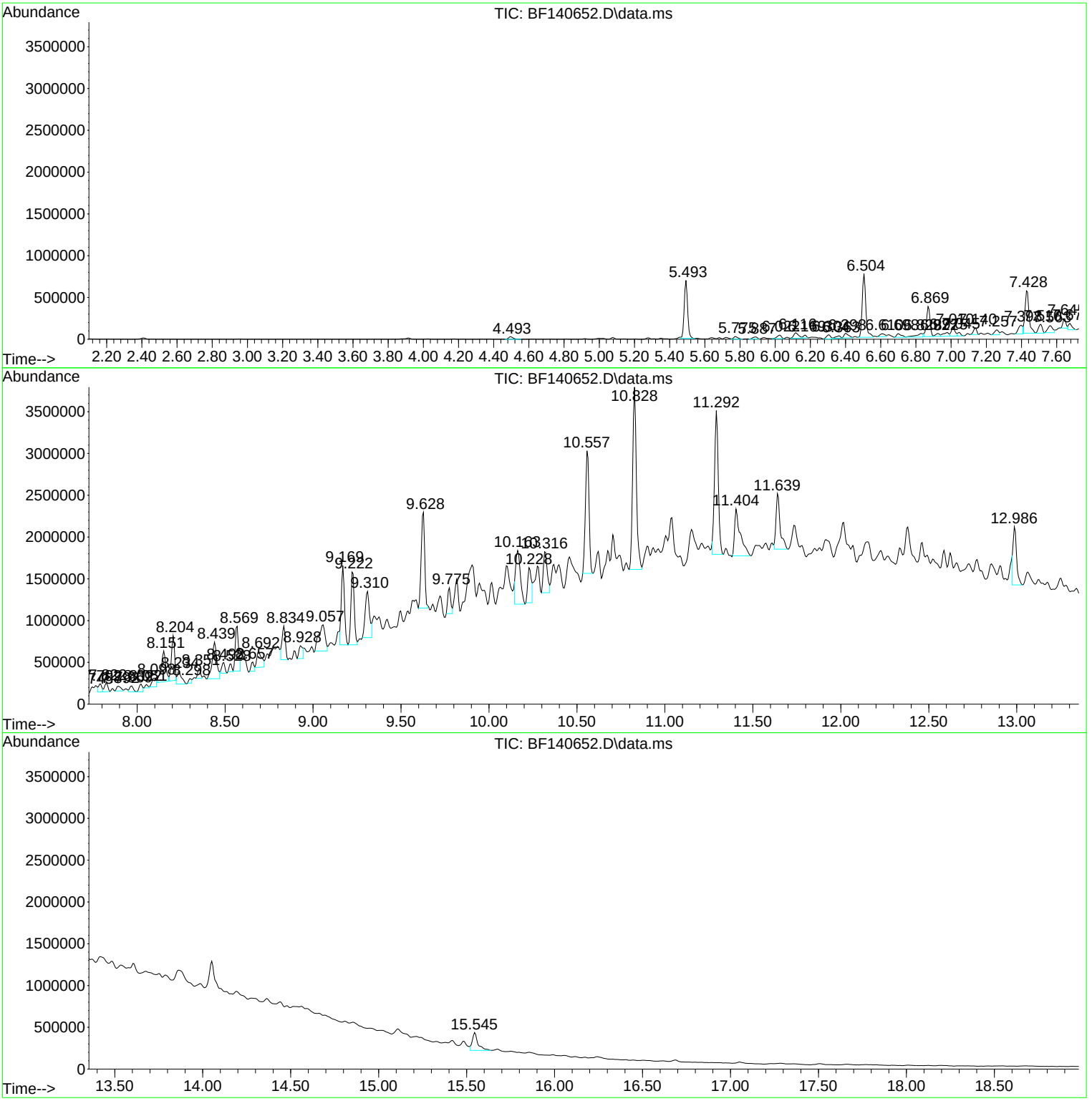
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

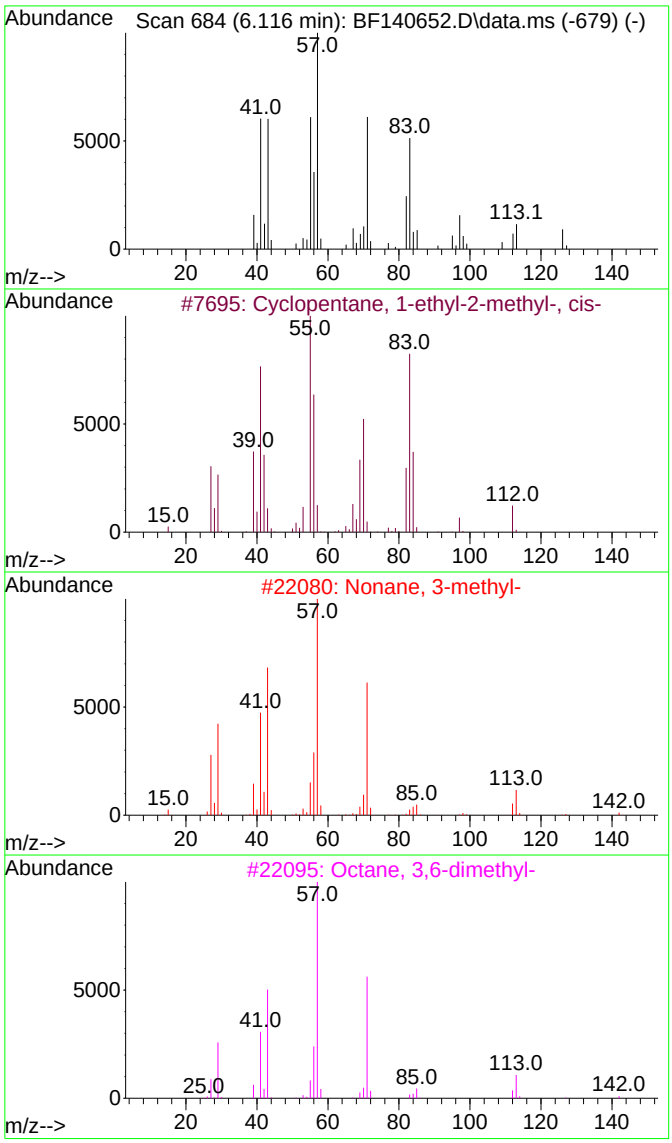
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

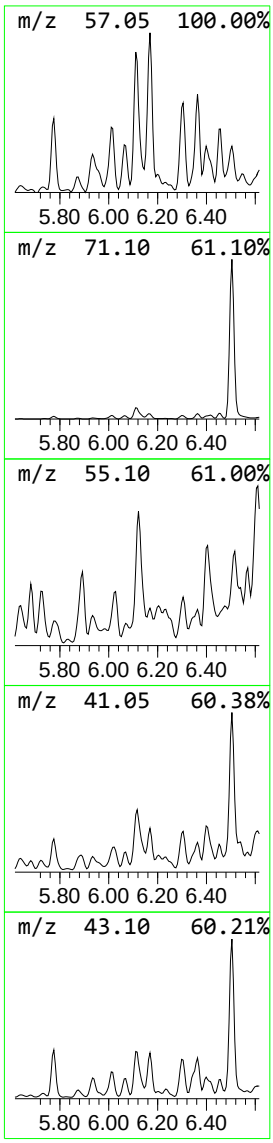
****

Peak Number 1 unknown6.116 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.116	5.12 ng	127426	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4	3-Bromooctane	192	C8H17Br	000999-64-4	38
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

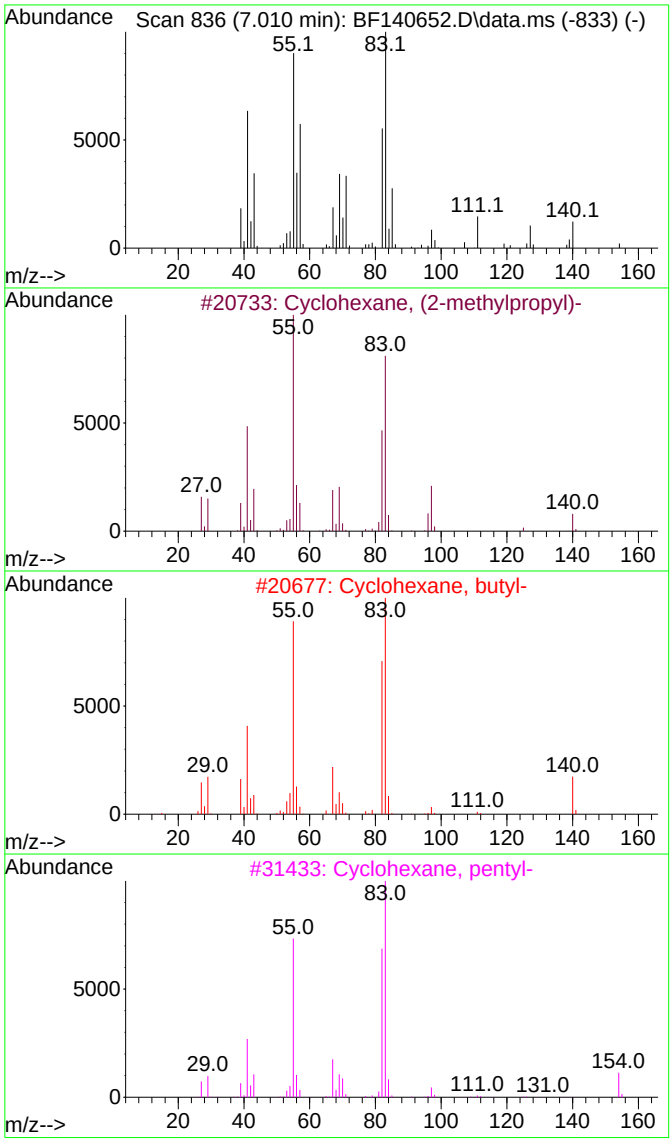
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

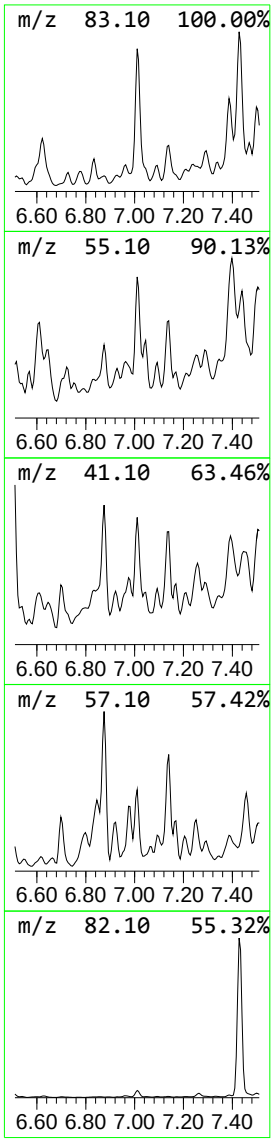
****

Peak Number 2 Cyclohexane, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	6.24 ng	155120	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
5	1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

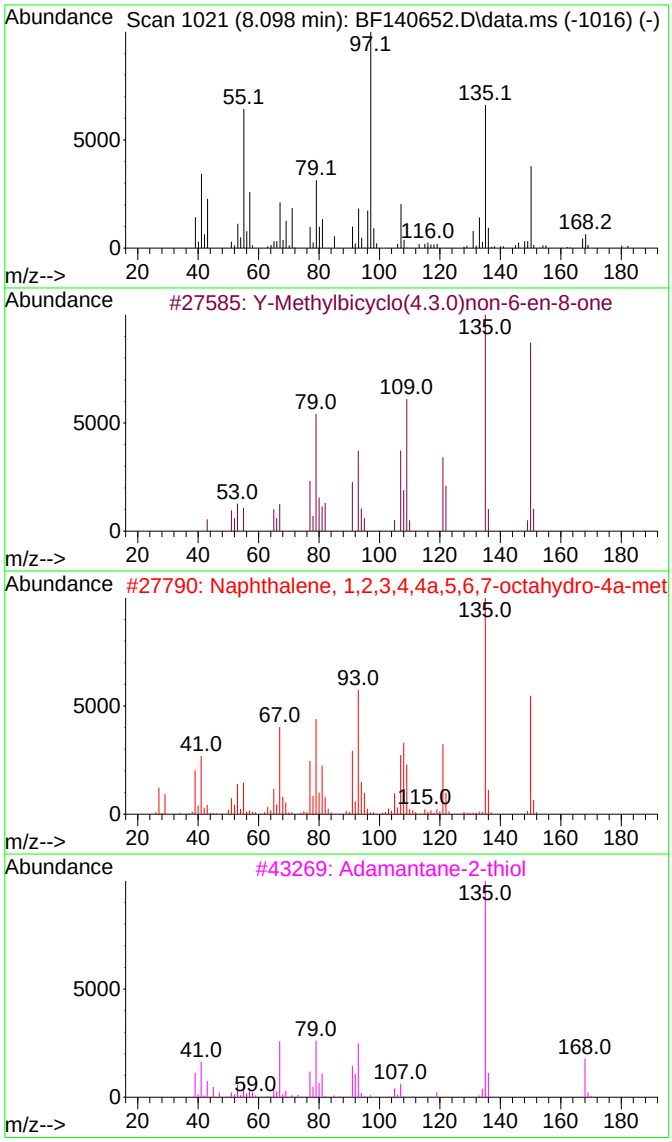
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

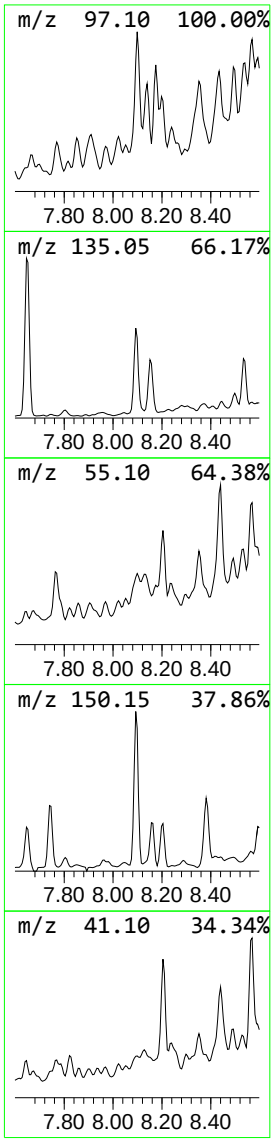
****

Peak Number 3 unknown8.098 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	5.45 ng	183540	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Y-Methylbicyclo(4.3.0)non-6-en-8...	150	C10H14O	1000424-65-9	43
2	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	38
3	Adamantane-2-thiol	168	C10H16S	023695-66-1	35
4	2-Methyladamantane	150	C11H18	000700-56-1	35
5	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

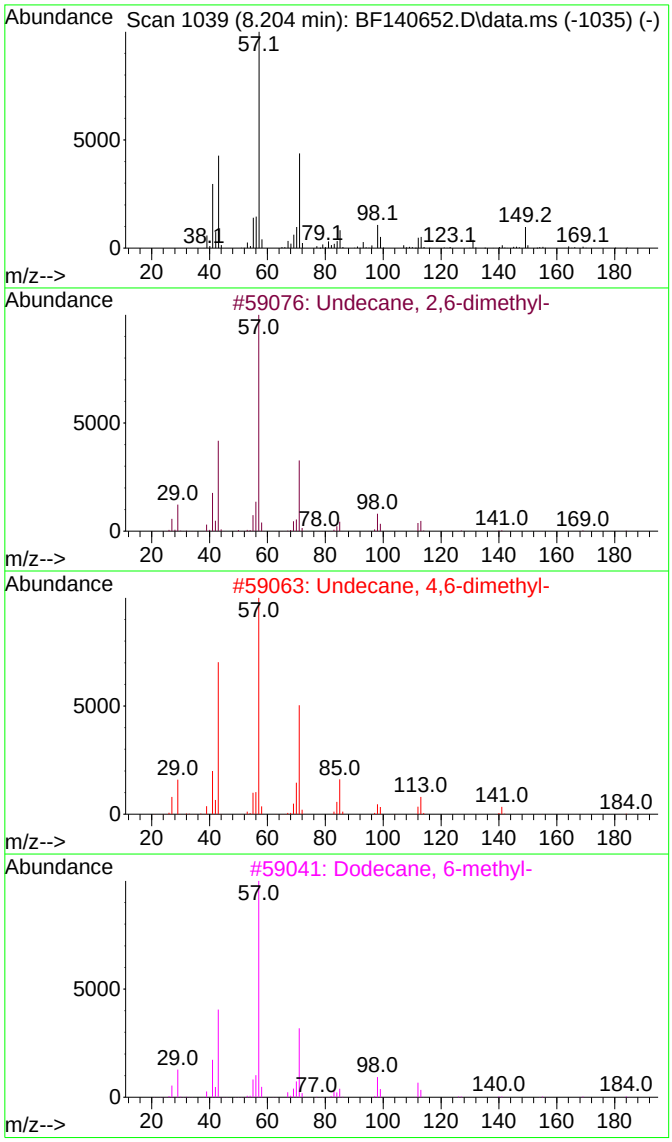
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

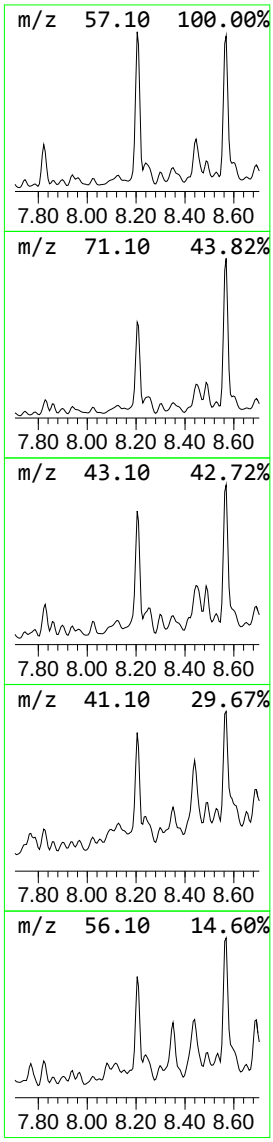
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.204	19.80 ng	666684	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

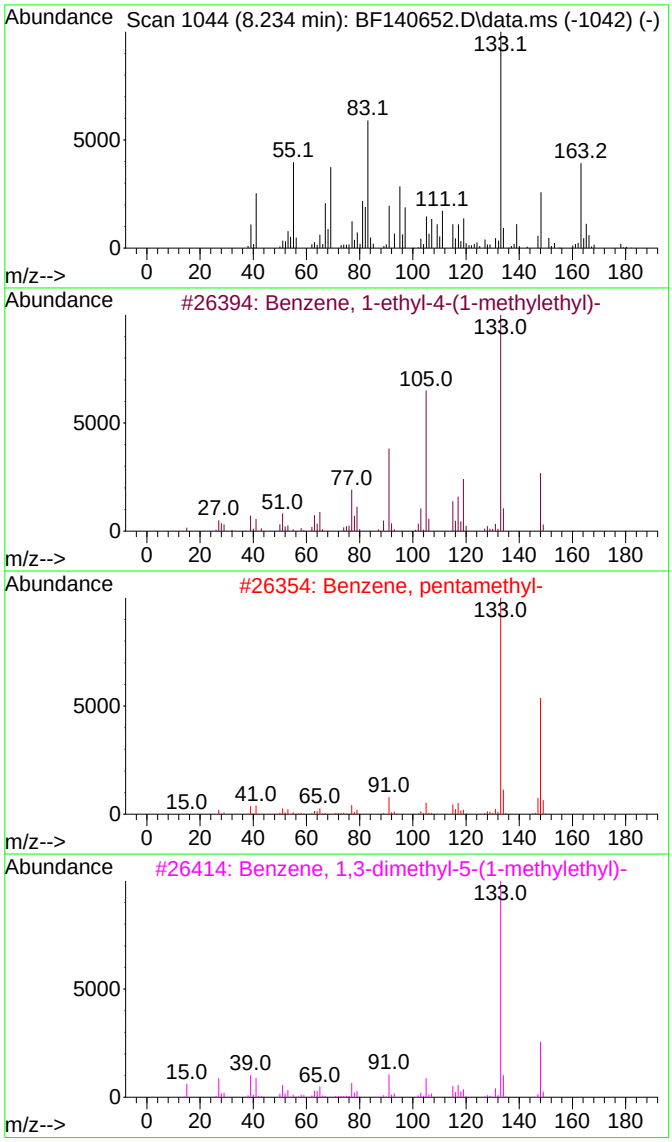
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

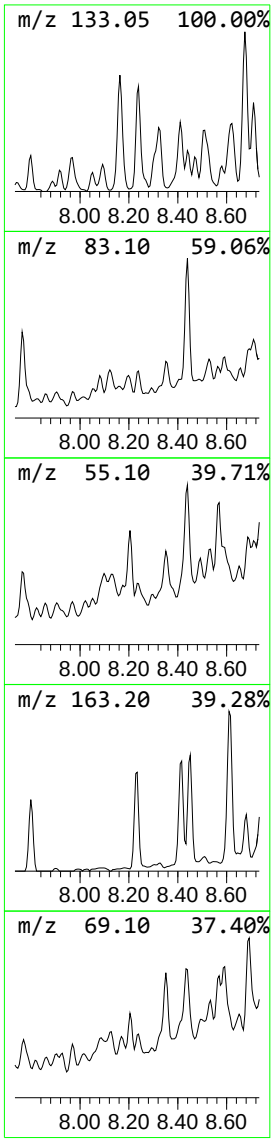
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	7.65 ng	257621	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	45
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	41
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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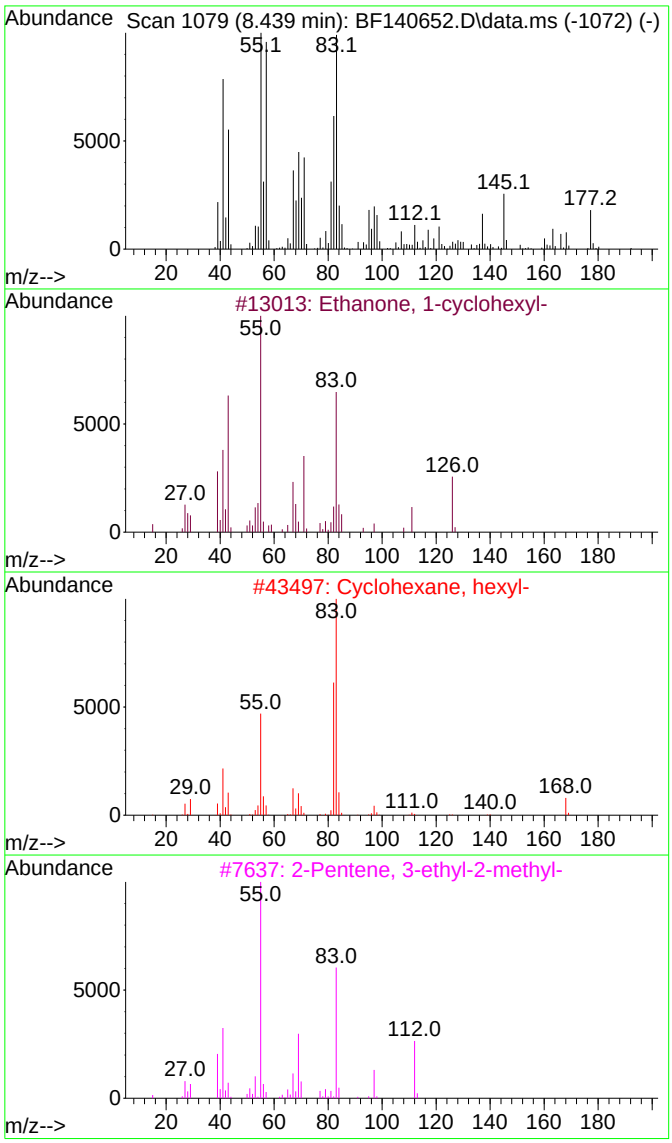
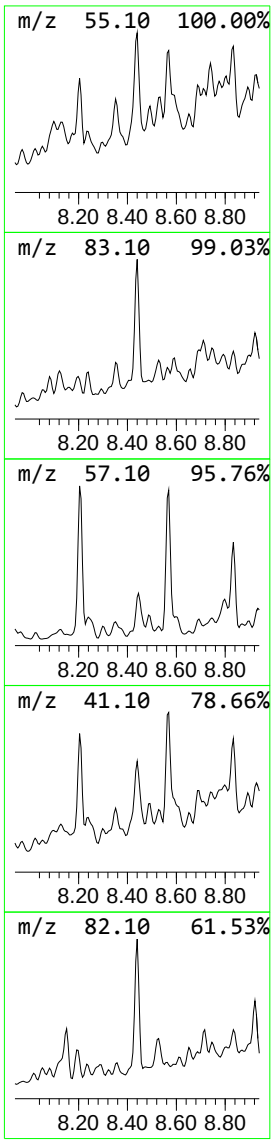
Peak Number 6 Ethanone, 1-cyclohexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	24.28 ng	817738	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	53
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
3	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	38
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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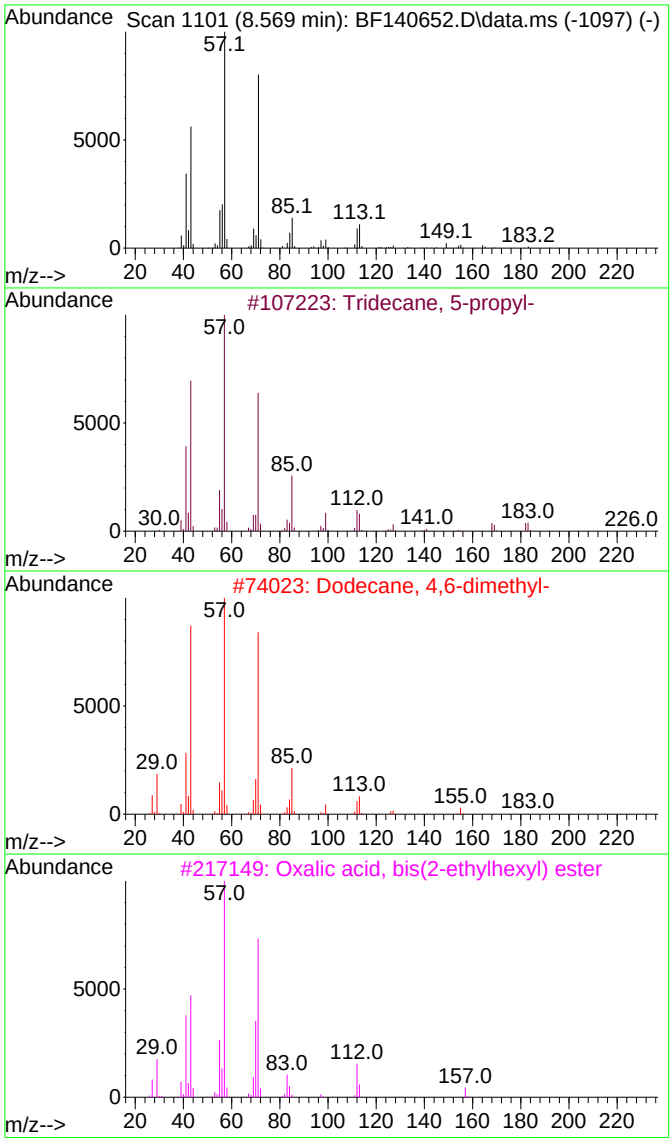
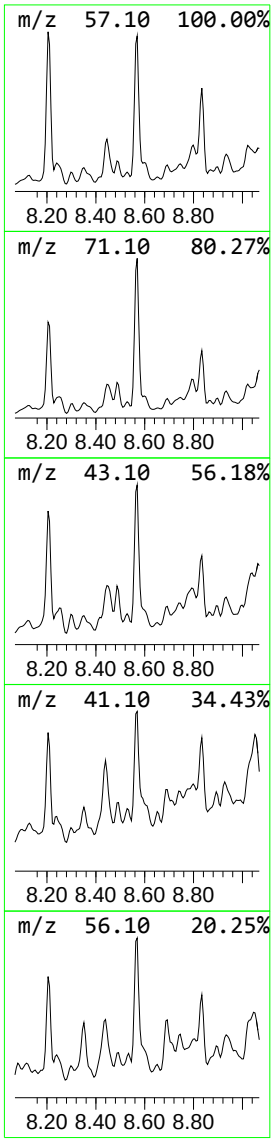
Peak Number 7 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	21.63 ng	728466	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59





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Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

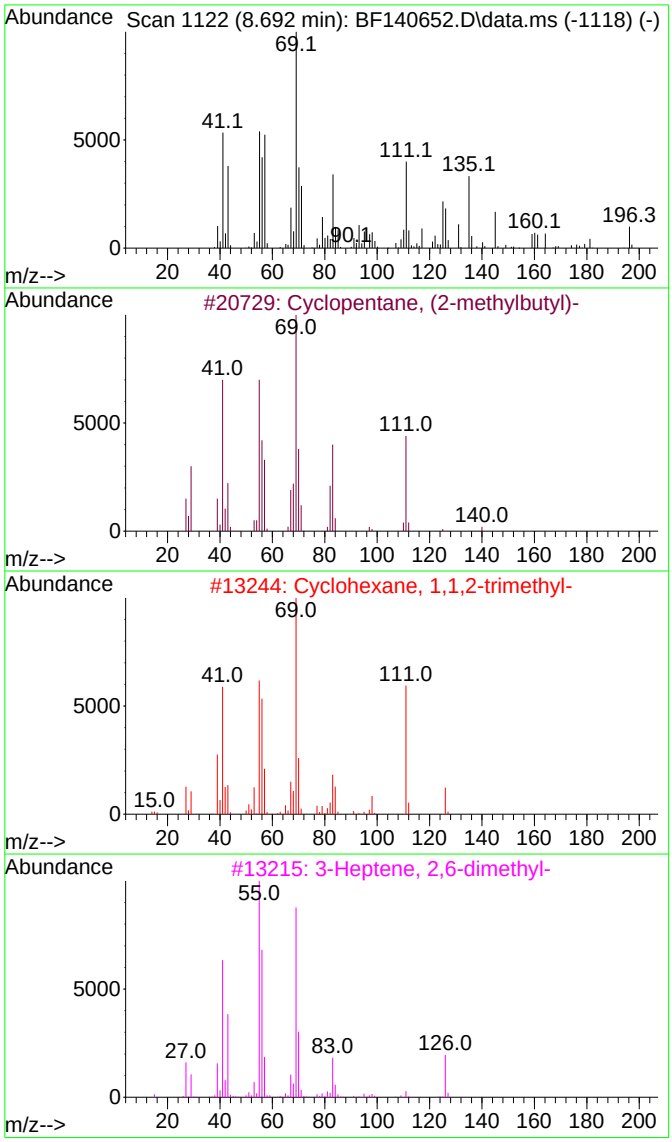
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

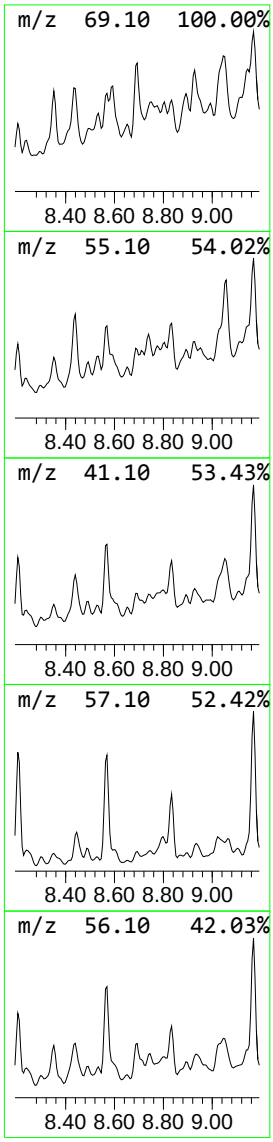
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopentane, (2-methylbutyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	11.28 ng	379945	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	38





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Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

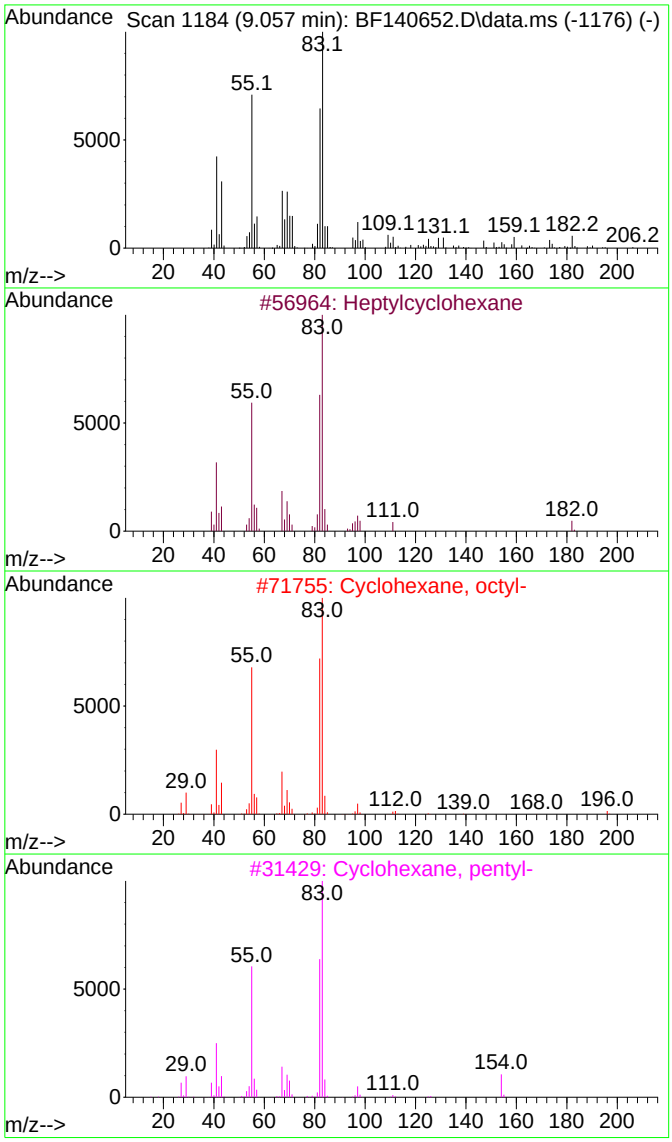
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

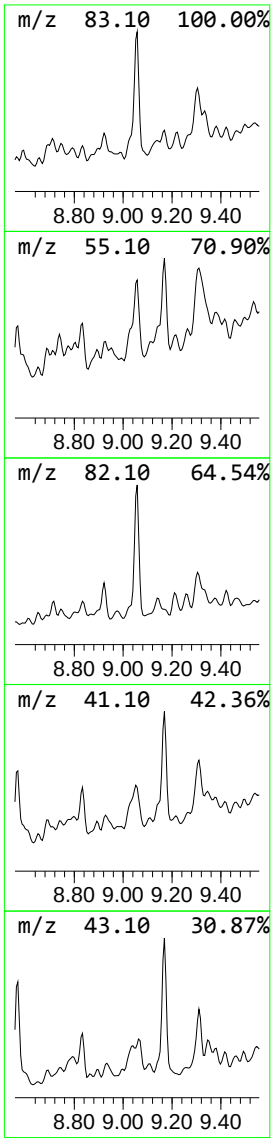
****

Peak Number 9 Heptylcyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	43.21 ng	810149	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	90
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	59





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Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-733

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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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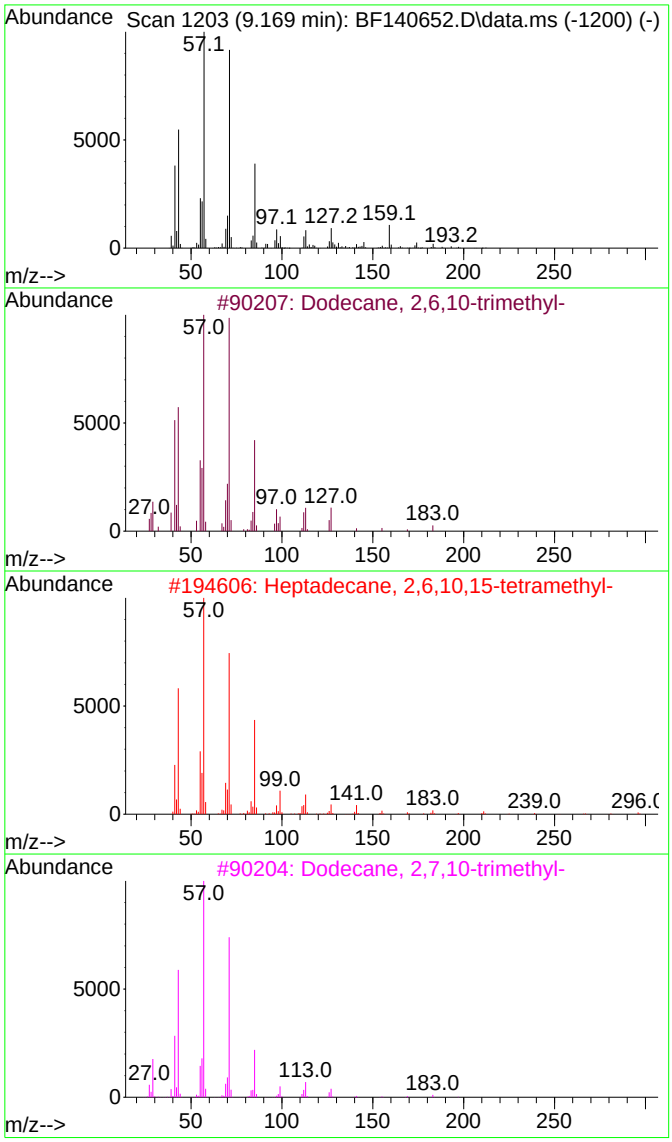
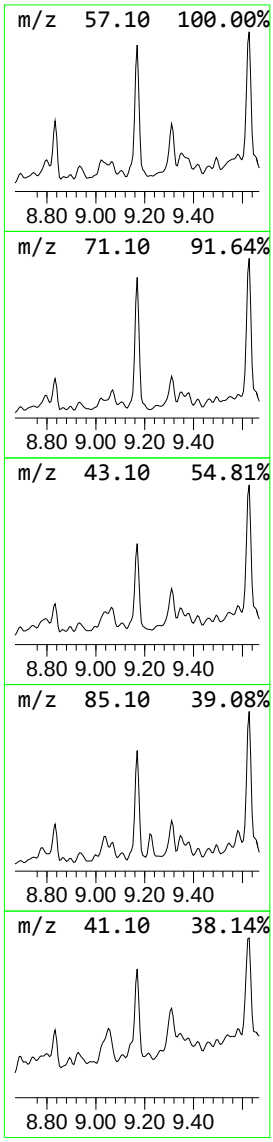
Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	62.45 ng	1170950	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





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Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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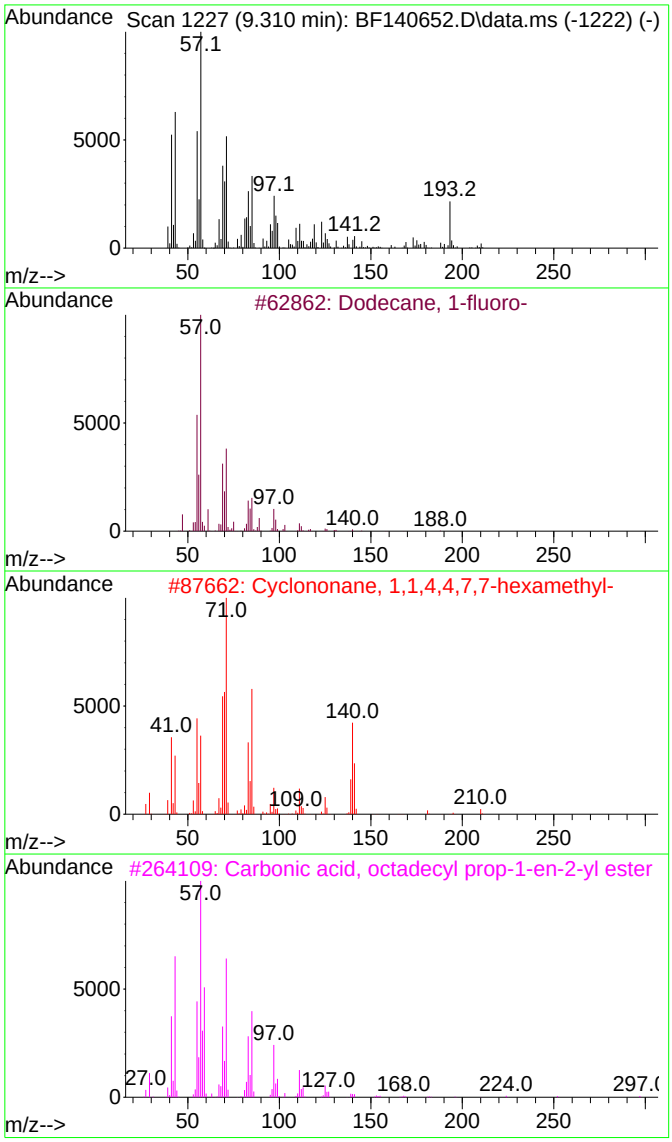
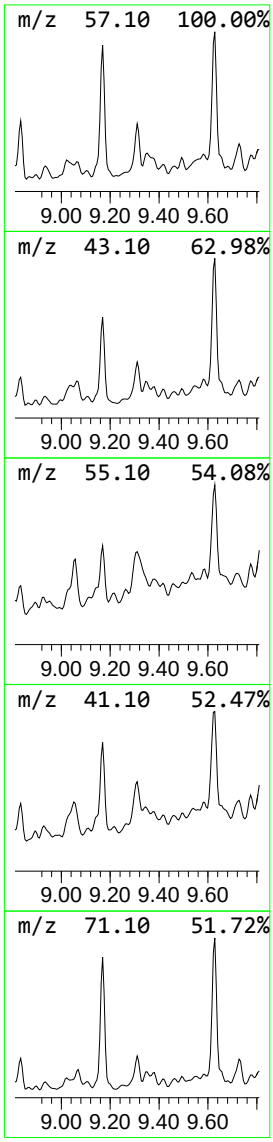
Peak Number 11 Dodecane, 1-fluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	51.88 ng	972821	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	70
2	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	60
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	52
4	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	52
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	52





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Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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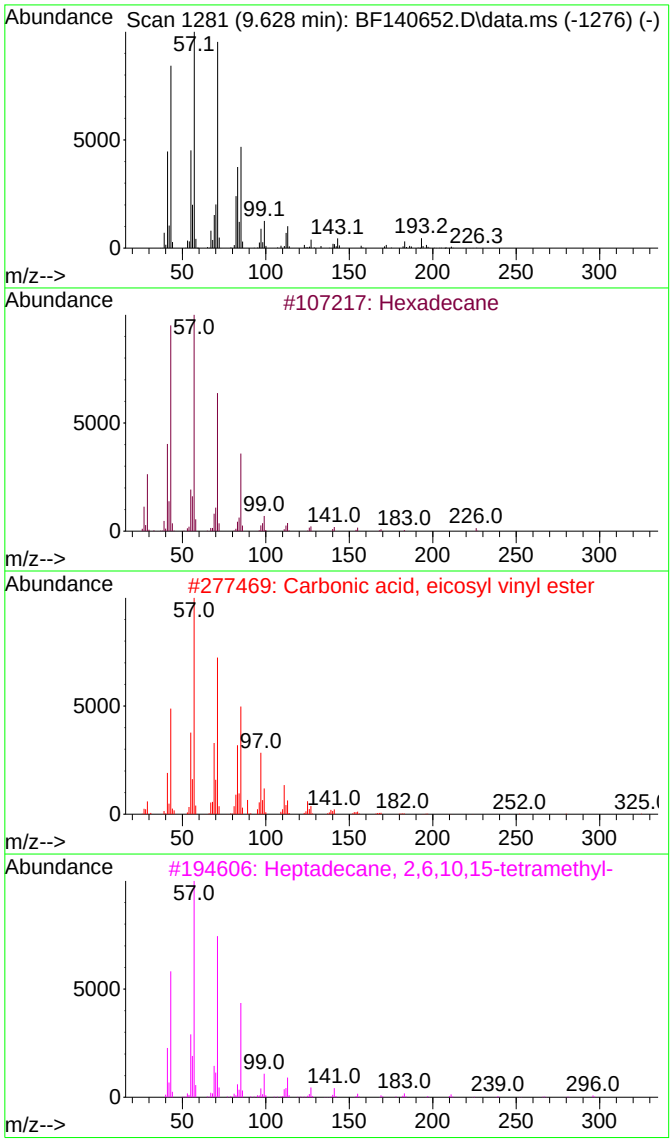
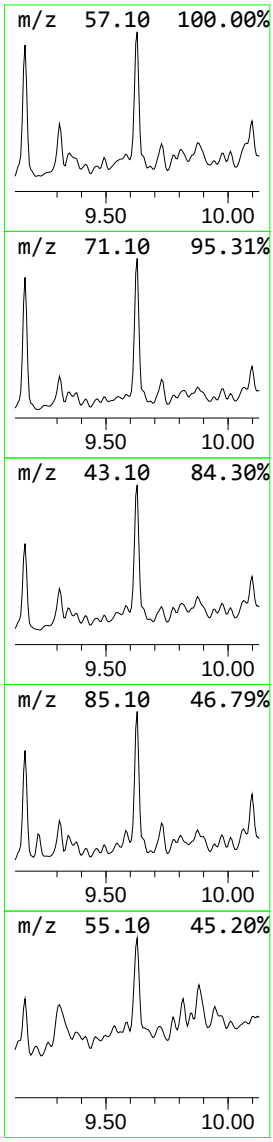
Peak Number 12 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	84.33 ng	1581250	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58





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Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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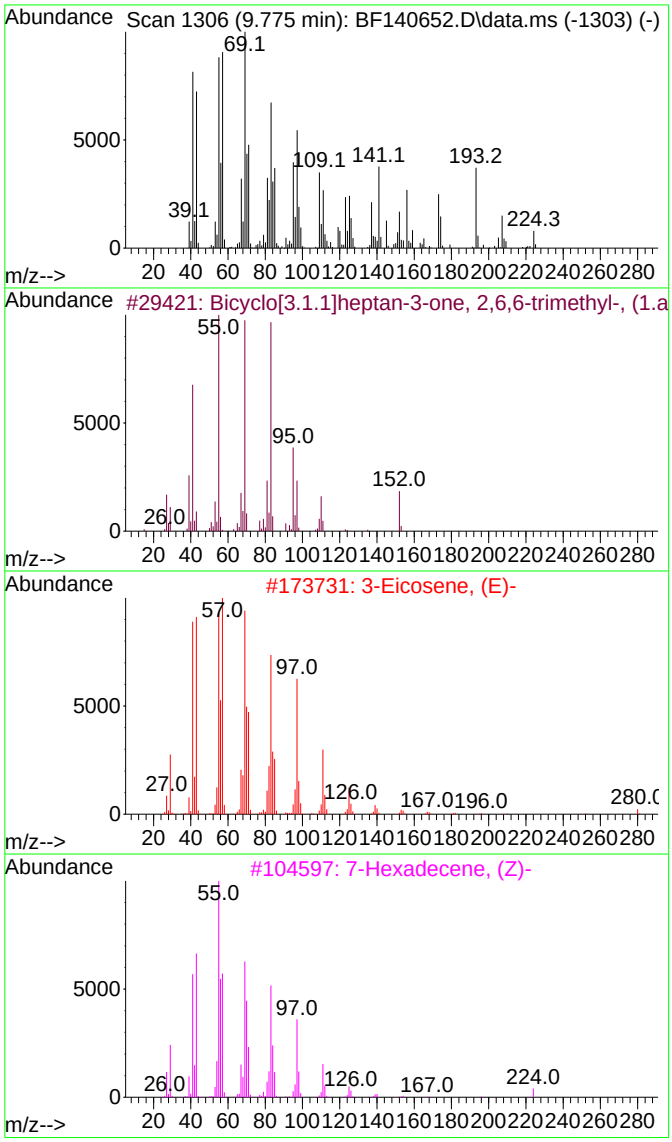
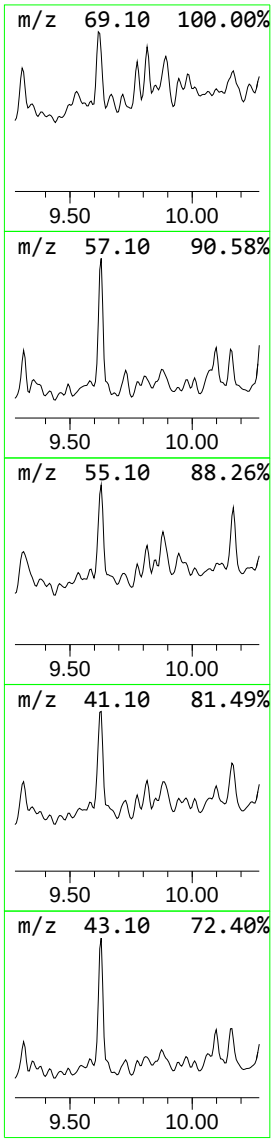
Peak Number 13 unknown9.775 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	20.00 ng	375014	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	42
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	42
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	38
4	Cyclohexadecane	224	C16H32	000295-65-8	38
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	30





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Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

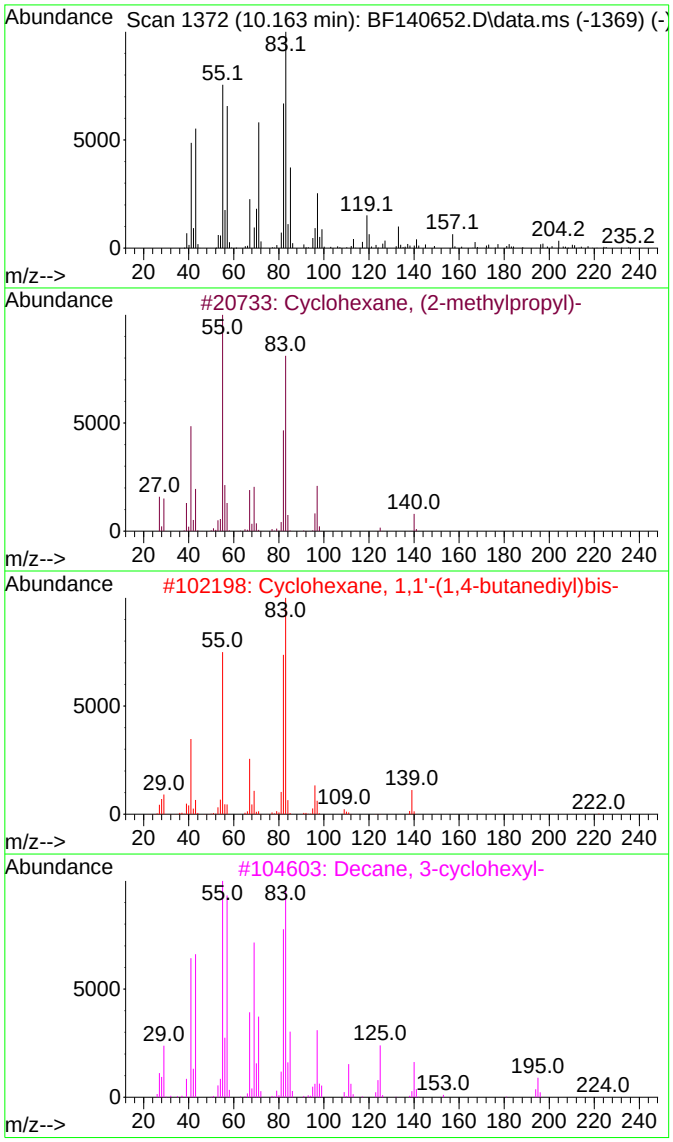
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

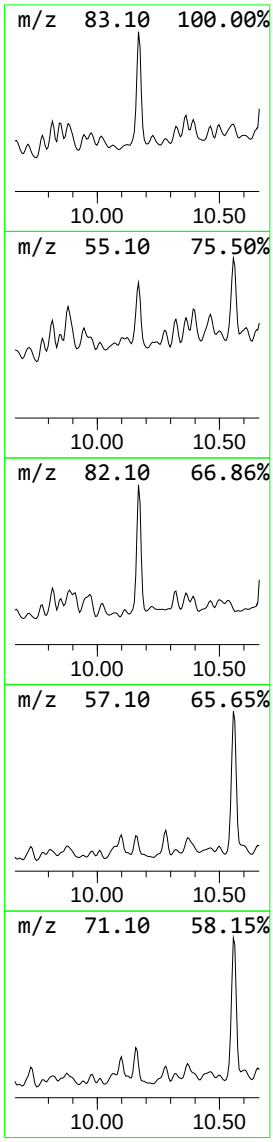
****

Peak Number 14 unknown10.163 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	62.52 ng	1172390	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47
3	Decane, 3-cyclohexyl-	224	C16H32	013151-74-1	47
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	46
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





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Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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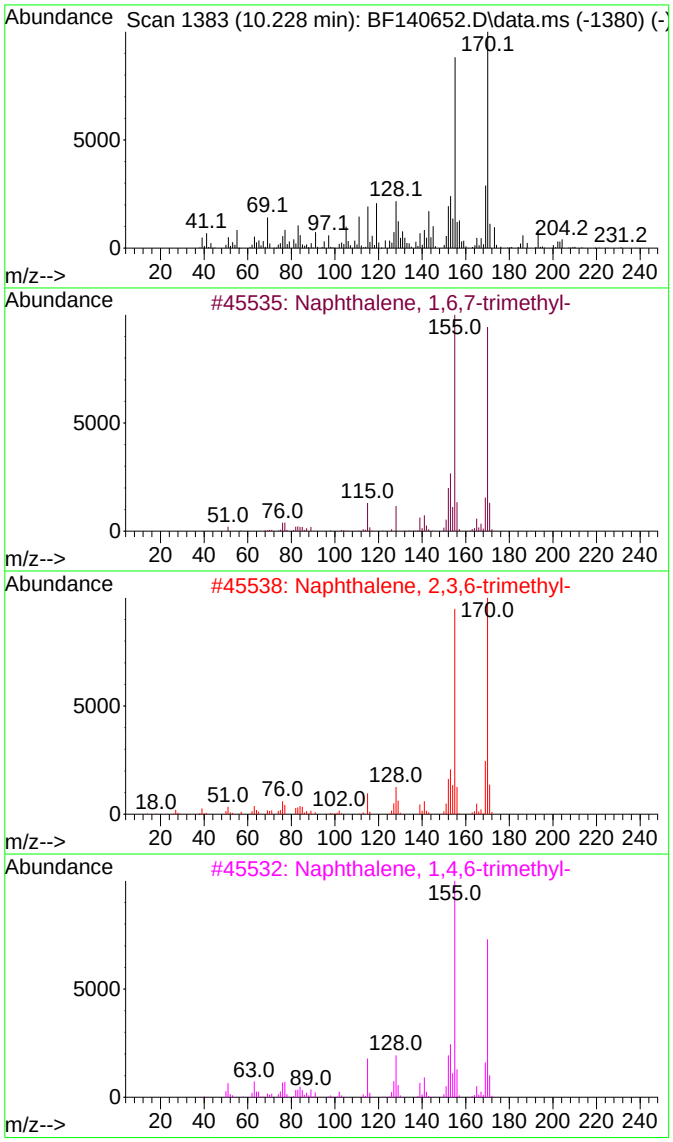
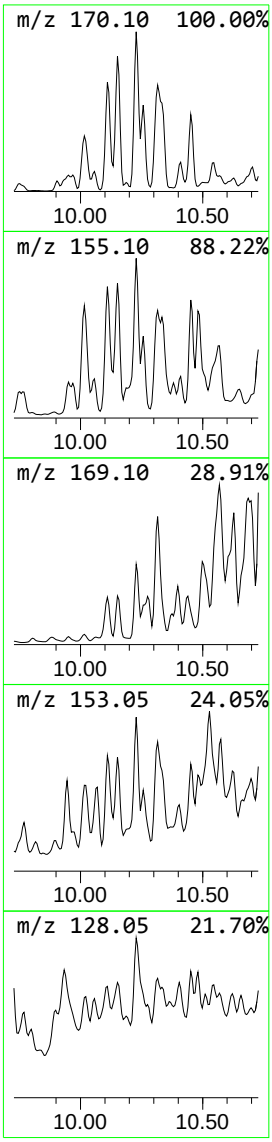
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.228	33.12 ng	620992	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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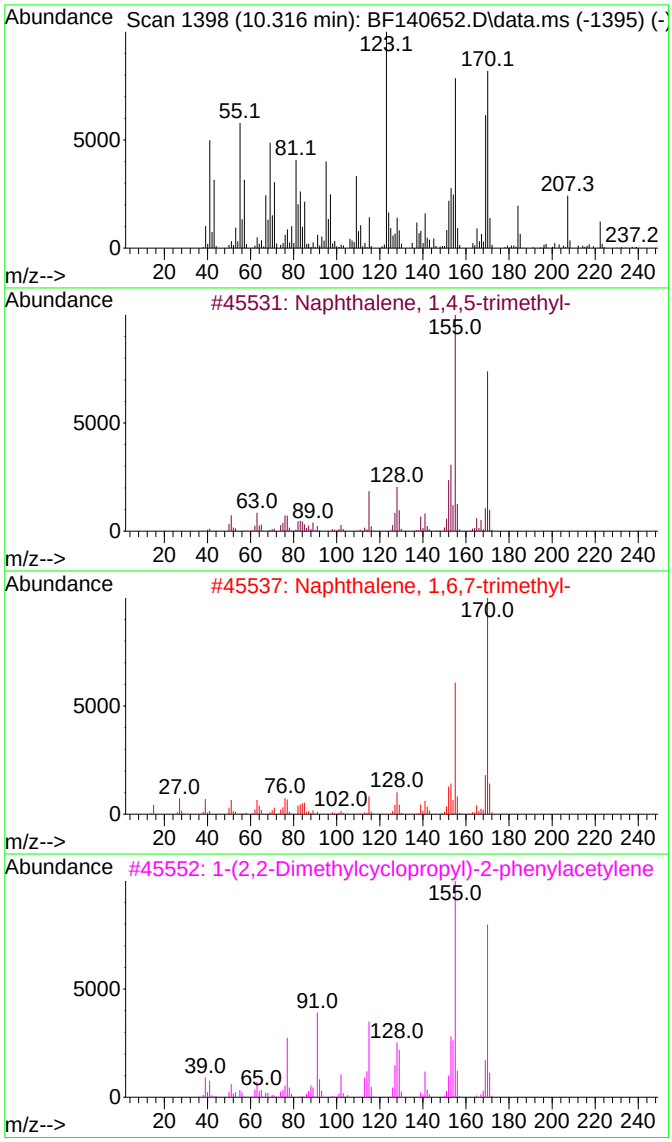
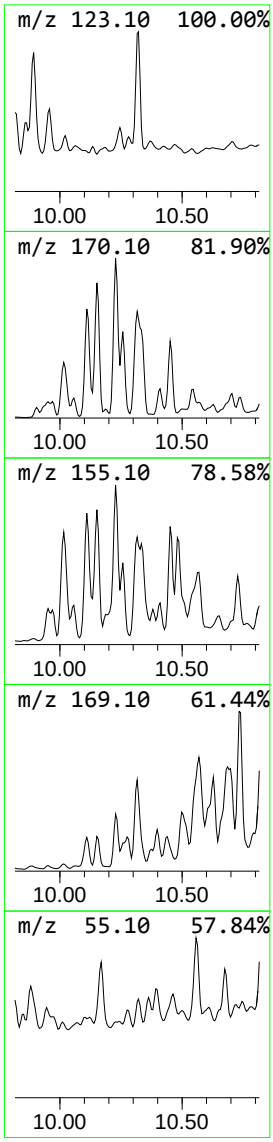
Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.316	40.96 ng	768007	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	50
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	41





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-733

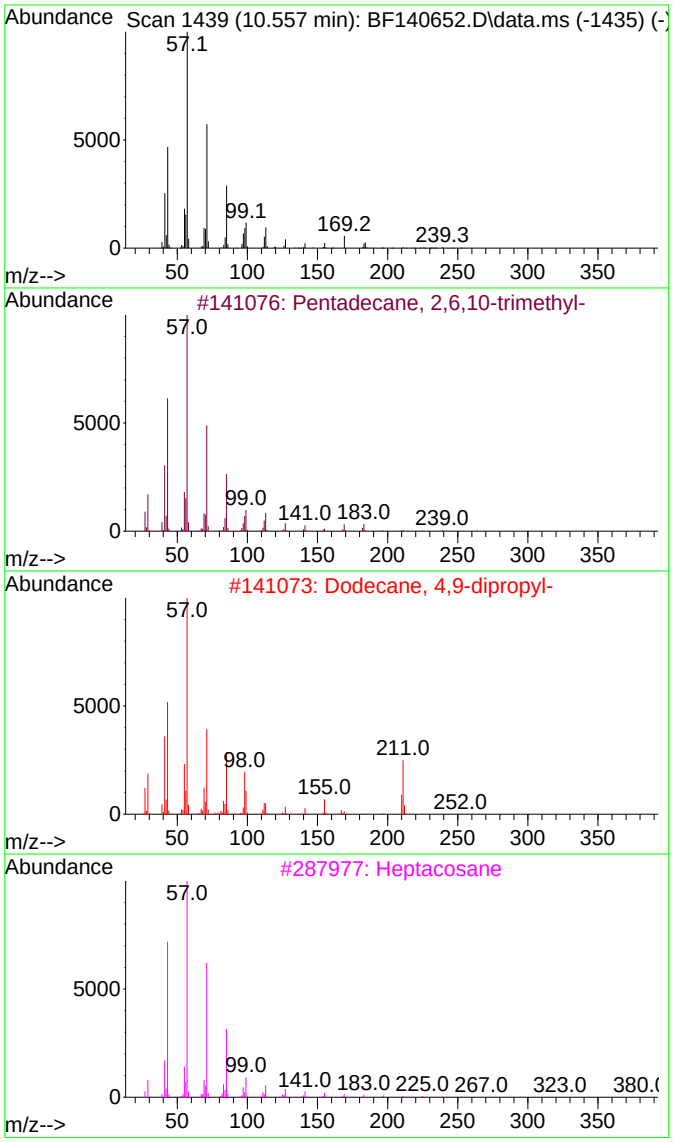
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

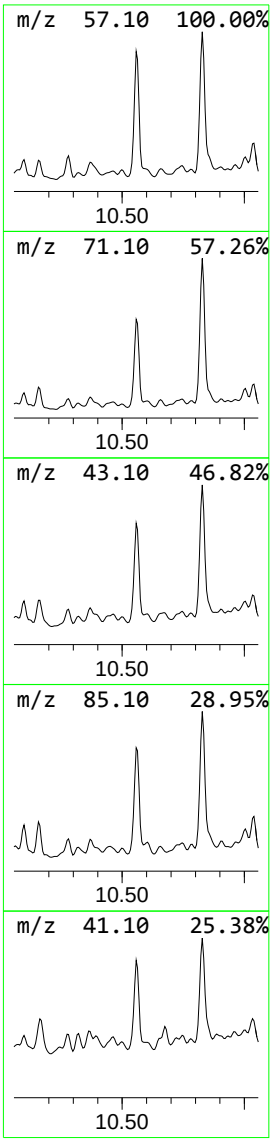
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	112.16 ng	2102980	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	87
3	Heptacosane	380	C27H56	000593-49-7	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane	184	C13H28	000629-50-5	72





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Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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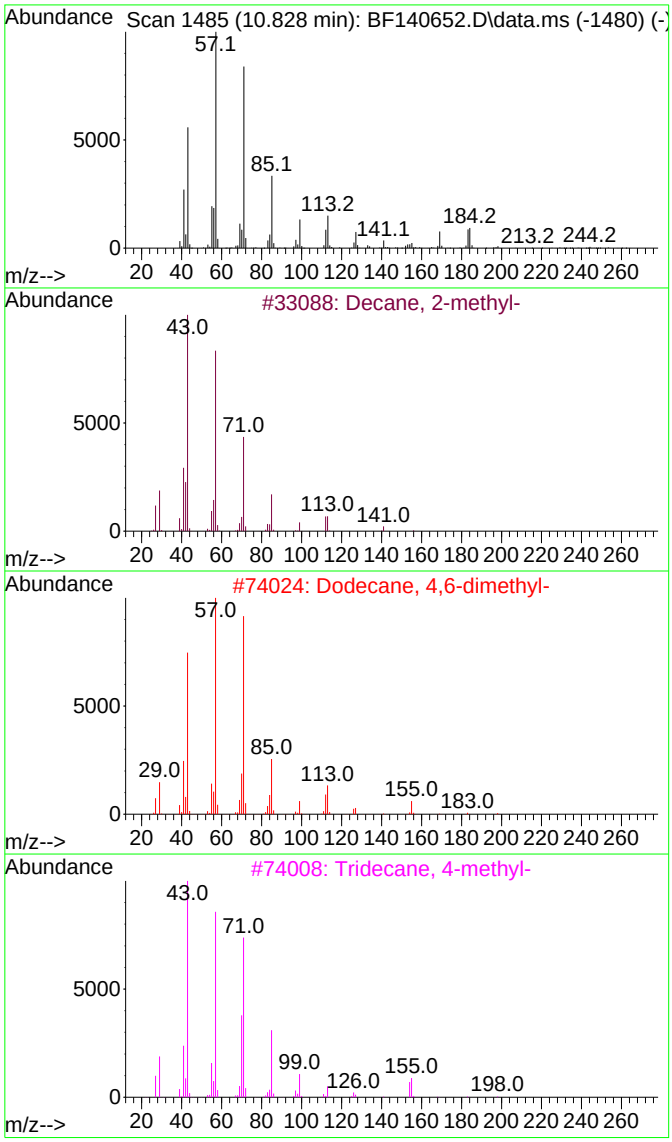
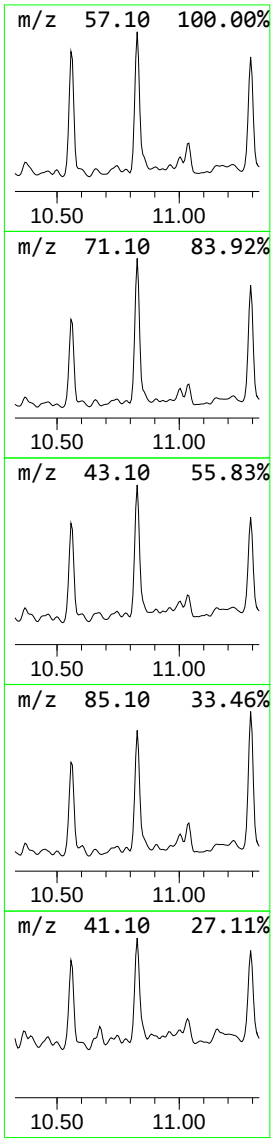
Peak Number 18 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	51.28 ng	3231590	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70





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Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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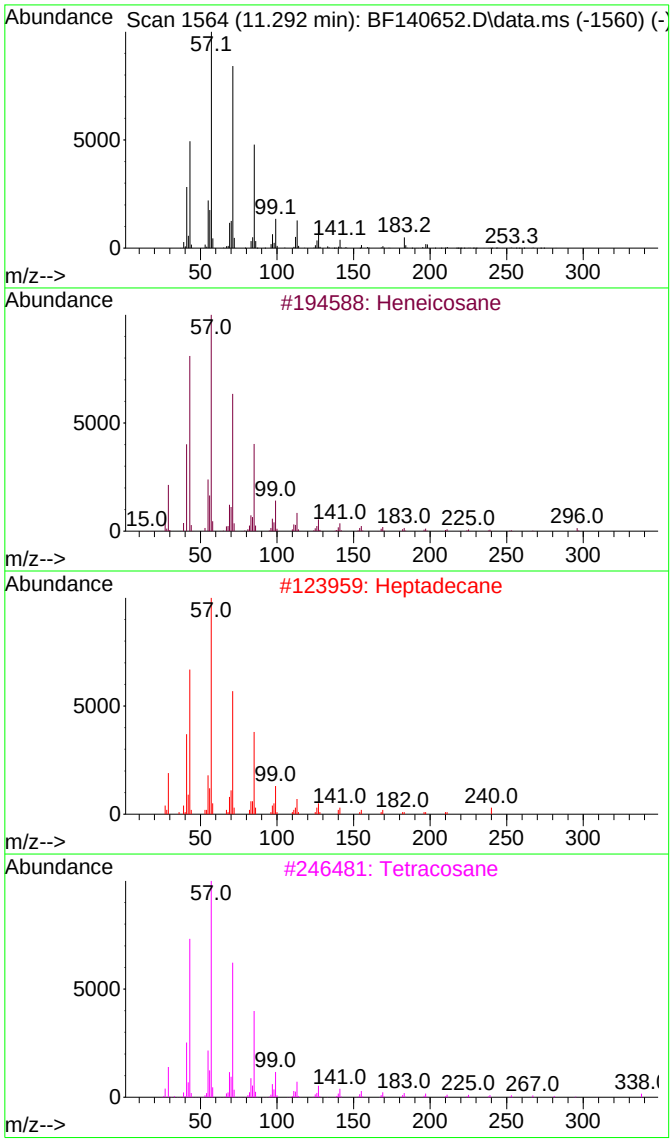
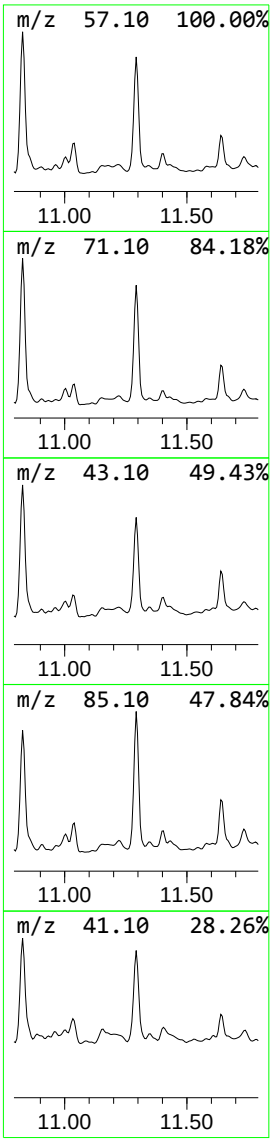
Peak Number 19 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	40.50 ng	2552540	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

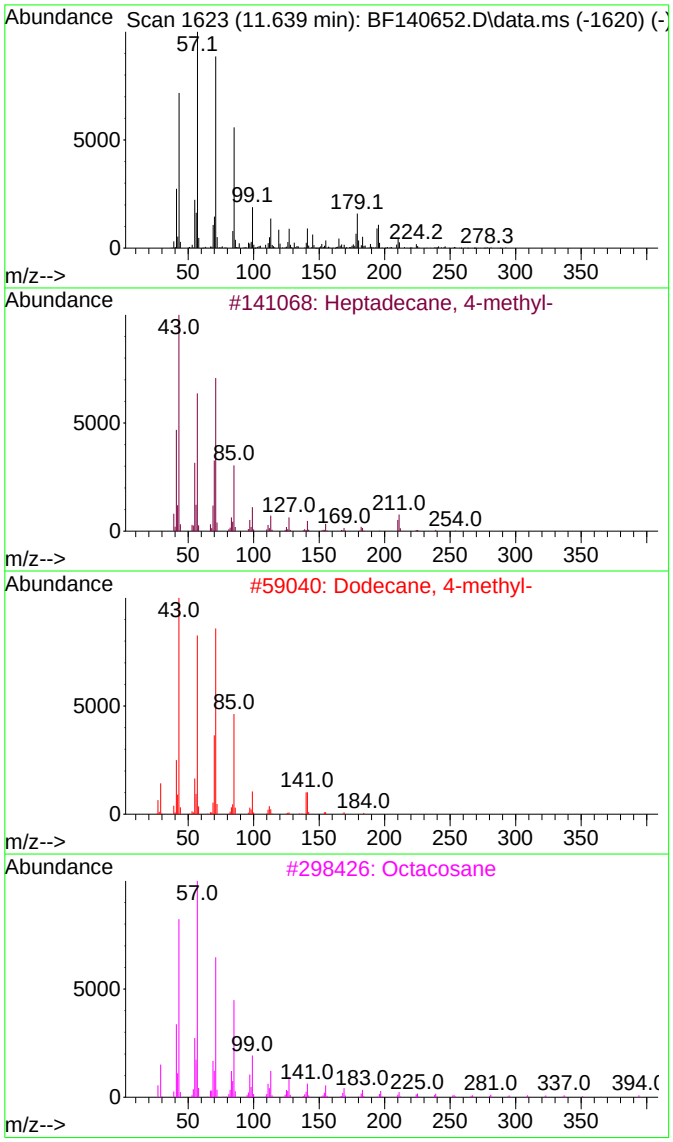
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

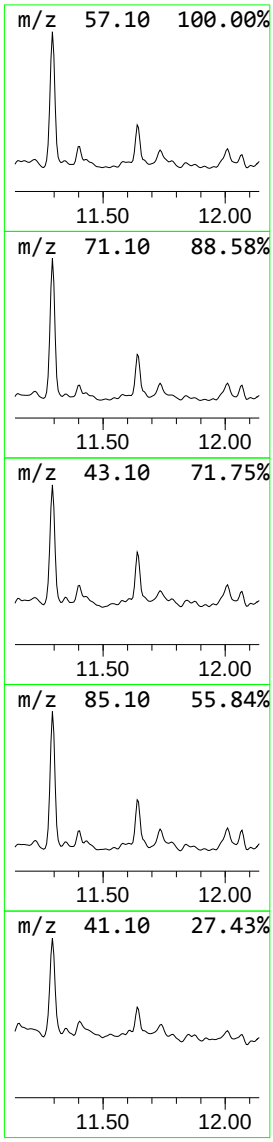
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Heptadecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	17.25 ng	1087370	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	81
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
3	Octacosane	394	C28H58	000630-02-4	80
4	Octadecane	254	C18H38	000593-45-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140652.D
Acq On : 26 Nov 2024 19:45
Operator : RC/JU
Sample : P5000-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-733

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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
unknown6.116	6.116	5.1	ng	127426	1	6.869	497558	20.0
Cyclohexane, (2...	7.010	6.2	ng	155120	1	6.869	497558	20.0
unknown8.098	8.098	5.5	ng	183540	2	8.151	673474	20.0
Undecane, 2,6-d...	8.204	19.8	ng	666684	2	8.151	673474	20.0
Benzene, 1-ethy...	8.234	7.7	ng	257621	2	8.151	673474	20.0
Ethanone, 1-cyc...	8.439	24.3	ng	817738	2	8.151	673474	20.0
Tridecane, 5-pr...	8.569	21.6	ng	728466	2	8.151	673474	20.0
Cyclopentane, (...	8.692	11.3	ng	379945	2	8.151	673474	20.0
Heptylcyclohexane	9.057	43.2	ng	810149	3	9.910	375014	20.0
Dodecane, 2,6,1...	9.169	62.5	ng	1170950	3	9.910	375014	20.0
Dodecane, 1-flu...	9.310	51.9	ng	972821	3	9.910	375014	20.0
Hexadecane	9.628	84.3	ng	1581250	3	9.910	375014	20.0
unknown9.775	9.775	20.0	ng	375014	3	9.910	375014	20.0
unknown10.163	10.163	62.5	ng	1172390	3	9.910	375014	20.0
Naphthalene, 1,...	10.228	33.1	ng	620992	3	9.910	375014	20.0
Naphthalene, 1,...	10.316	41.0	ng	768007	3	9.910	375014	20.0
Pentadecane, 2,...	10.557	112.2	ng	2102980	3	9.910	375014	20.0
Decane, 2-methyl-	10.828	51.3	ng	3231590	4	11.404	1260410	20.0
Heneicosane	11.292	40.5	ng	2552540	4	11.404	1260410	20.0
Heptadecane, 4-...	11.639	17.3	ng	1087370	4	11.404	1260410	20.0