LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	10	16	rBV	1863854	2308408	44.21%	4.626%
2	5.469	570	575	578	rBV	4302261	4025916	77.10%	8.068%
3	6.481	741	747	750	rBV	4257360	4200747	80.45%	8.418%
4	6.851	806	810	813	rBV	1433826	1103371	21.13%	2.211%
5	7.410	895	905	908	rBV	2847785	2849908	54.58%	5.711%
6	7.451	908	912	916	rVB	85301	87288	1.67%	0.175%
7	7.816	971	974	977	rBV3	51413	70307	1.35%	0.141%
8	7.886	982	986	990	rVV5	60987	87988	1.69%	0.176%
9	8.034	1003	1011	1016	rBV	376255	473076	9.06%	0.948%
10	8.133	1023	1028	1031	rBV	1661786	1501918	28.76%	3.010%
11	8.198	1035	1039	1041	rVB	399911	330082	6.32%	0.661%
12	8.228	1041	1044	1051	rVB8	84086	165395	3.17%	0.331%
13	8.292	1051	1055	1056	rBV4	61471	78298	1.50%	0.157%
14	8.345	1060	1064	1066	rBV2	101742	118985	2.28%	0.238%
15	8.428	1071	1078	1081	rBV6	259808	442145	8.47%	0.886%
16	8.481	1085	1087	1090	rBV2	142546	120347	2.30%	0.241%
17	8.516	1090	1093	1097	rBV3	127375	155450	2.98%	0.312%
18	8.557	1097	1100	1102	rBV	604975	547232	10.48%	1.097%
19	8.598	1105	1107	1110	rVB2	160368	139674	2.67%	0.280%
20	8.639	1111	1114	1117	rBV2	140935	128264	2.46%	0.257%
21	8.681	1117	1121	1124	rBV2	261177	367541	7.04%	0.737%
22	8.728	1126	1129	1132	rBV4	239791	230128	4.41%	0.461%
23	8.763	1133	1135	1138	rBV3	84311	108323	2.07%	0.217%
24	8.828	1143	1146	1149	rVB	361604	354795	6.79%	0.711%
25	8.916	1158	1161	1163	rBV3	146678	193491	3.71%	0.388%
26	9.010	1175	1177	1181	rBV3	233147	377276	7.22%	0.756%
27	9.133	1195	1198	1199	rBV3	133783	104787	2.01%	0.210%
28	9.157	1199	1202	1206	rVB	1148813	971009	18.60%	1.946%
29	9.210	1206	1211	1214	rBV	6344599	5221826	100.00%	10.464%
30	9.251	1216	1218	1220	rBV2	116362	97229	1.86%	0.195%
31	9.292	1222	1225	1229	rBV2	567792	732781	14.03%	1.468%
32	9.480	1255	1257	1259	rBV2	123030	90766	1.74%	0.182%
33	9.569	1270	1272	1275	rBV3	154927	127716	2.45%	0.256%
34	9.616	1275	1280	1282	rBV2	1497961	1489041	28.52%	2.984%
35	9.639	1282	1284	1286	rBV2	67136	67855	1.30%	0.136%
36	9.757	1302	1304	1307	rBV3	210320	213856	4.10%	0.429%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.798	1308	1311	1313	rVV2	396063	407326	7.80%	0.816%
38	9.822	1313	1315	1320	rVB2	358587	353352	6.77%	0.708%
39	9.886	1320	1326	1331	rVB	2070067	1973035	37.78%	3.954%
40	9.928	1331	1333	1337	rBV4	217279	256219	4.91%	0.513%
41	10.086	1357	1360	1362	rBV	256784	228682	4.38%	0.458%
42	10.145	1367	1370	1373	rBV2	414933	391156	7.49%	0.784%
43	10.298	1393	1396	1398	rBV3	251059	276578	5.30%	0.554%
44	10.322	1398	1400	1402	rVV	384923	314542	6.02%	0.630%
45	10.345	1402	1404	1407	rVV2	247006	266632	5.11%	0.534%
46	10.375	1407	1409	1415	rVB3	172116	212970	4.08%	0.427%
47	10.539	1434	1437	1441	rVB	950467	938479	17.97%	1.881%
48	10.592	1444	1446	1450	rVB3	163829	143830	2.75%	0.288%
49	10.627	1450	1452	1455	rBV4	118889	147007	2.82%	0.295%
50	10.675	1455	1460	1463	rBV	3346833	2980987	57.09%	5.974%
51	10.810	1478	1483	1486	rBV	1594432	1607784	30.79%	3.222%
52	11.274	1559	1562	1567	rVB	588224	609043	11.66%	1.220%
53	11.369	1575	1578	1581	rBV	1483858	1311820	25.12%	2.629%
54	11.898	1666	1668	1670	rBV2	144017	97966	1.88%	0.196%
55	12.586	1782	1785	1787	rVB	292625	249511	4.78%	0.500%
56	12.810	1821	1823	1826	rVB	261387	198249	3.80%	0.397%
57	12.957	1844	1848	1851	rBV	4314903	3682608	70.52%	7.380%
58	13.863	1999	2002	2007	rVB3	377756	422686	8.09%	0.847%
59	14.010	2022	2027	2030	rBV	1081921	1171114	22.43%	2.347%
60	15.474	2273	2276	2281	rVB	773627	860724	16.48%	1.725%
61	16.192	2394	2398	2410	rVB4	272844	619809	11.87%	1.242%
62	16.627	2468	2472	2477	rVB	303248	496986	9.52%	0.996%

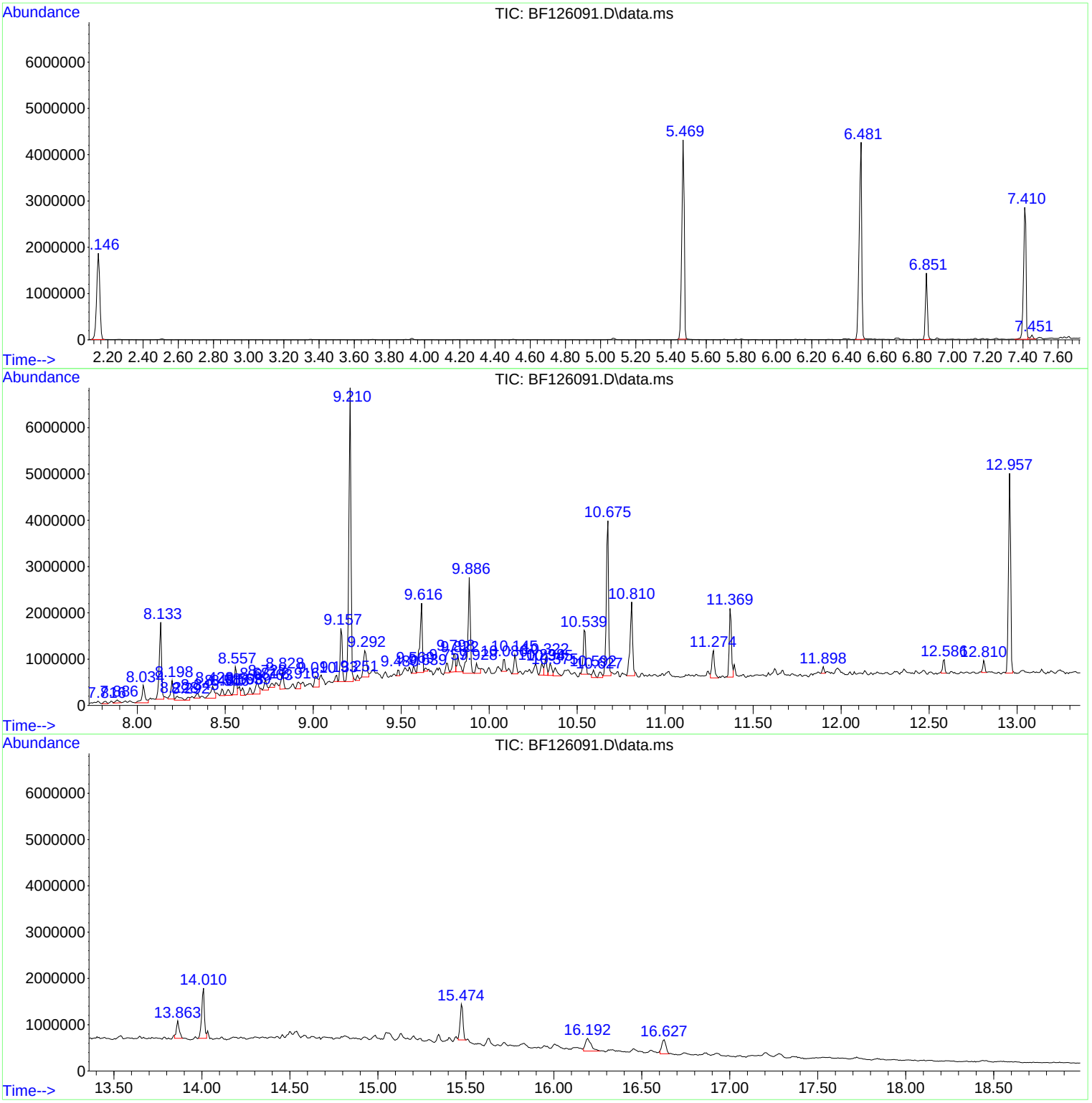
Sum of corrected areas: 49902314

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

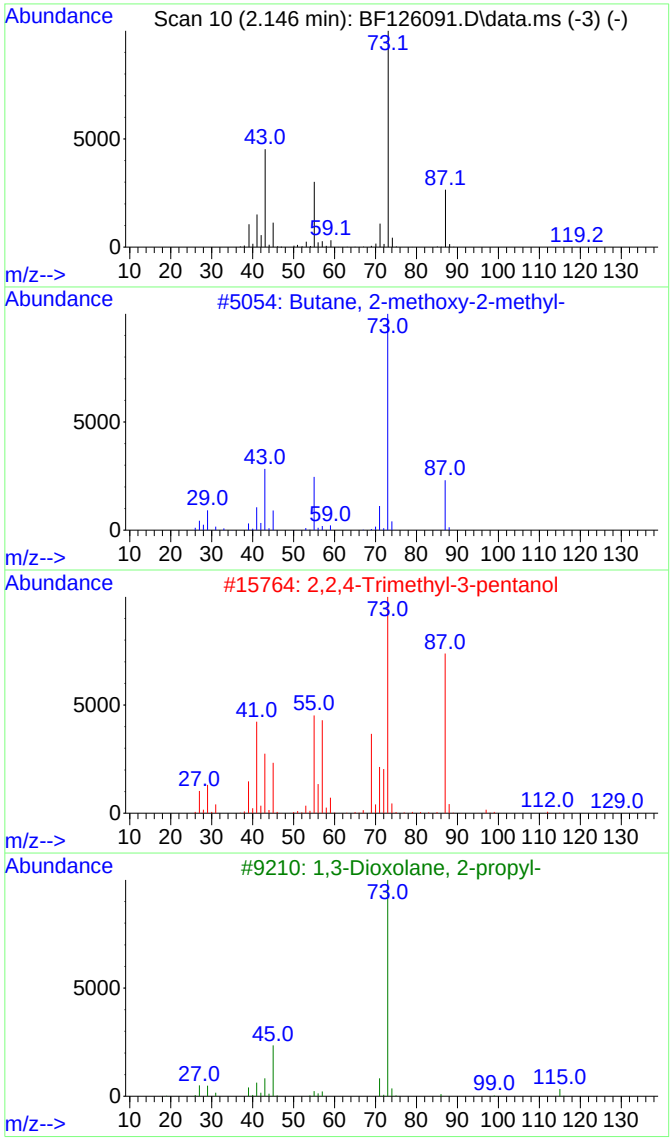
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

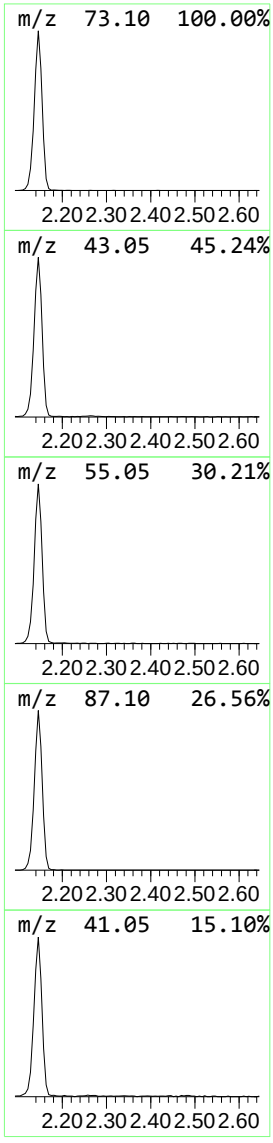
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	41.84 ng	2308410	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

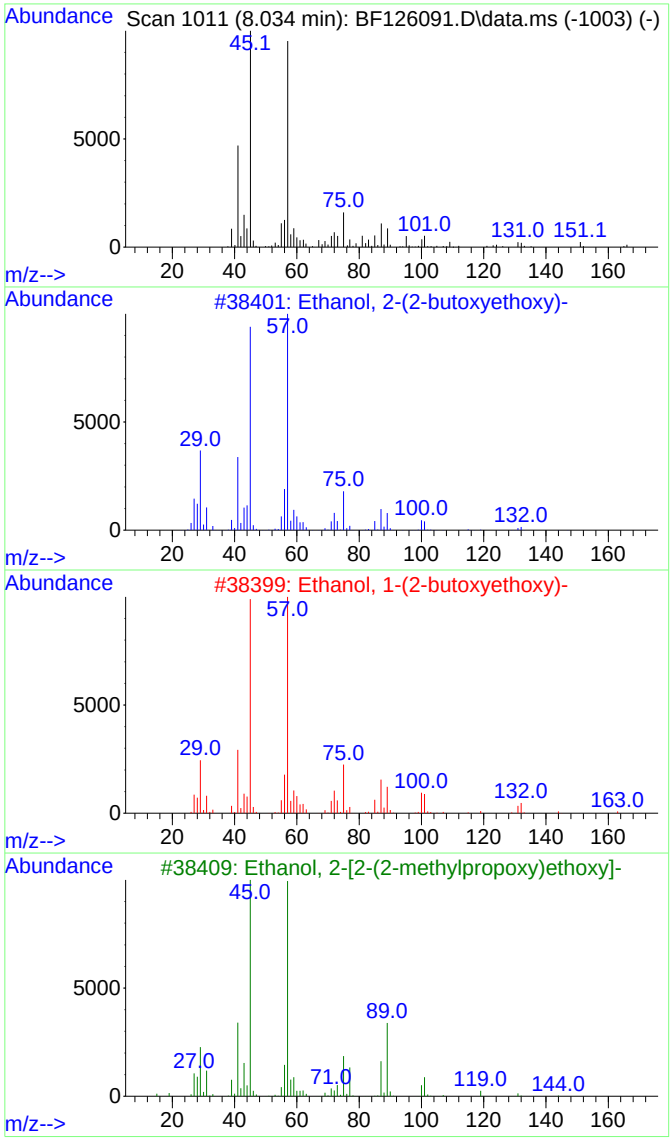
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

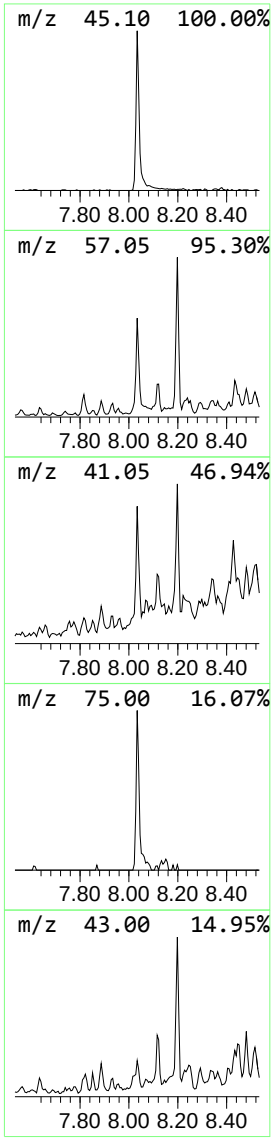
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.034	6.30 ng	473076	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

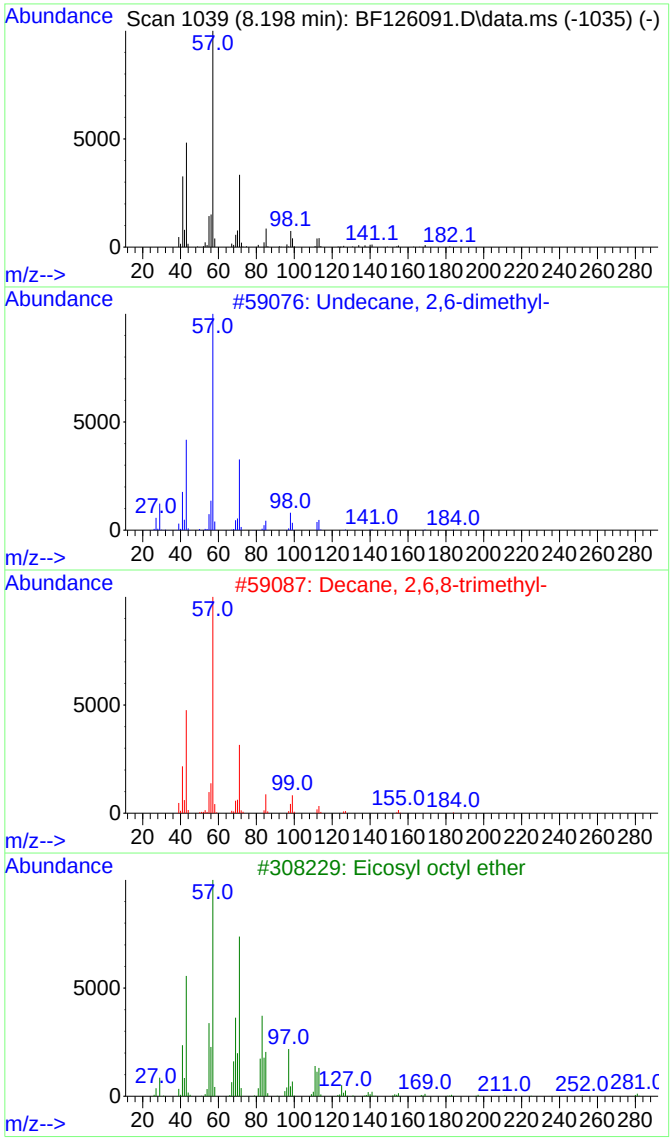
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

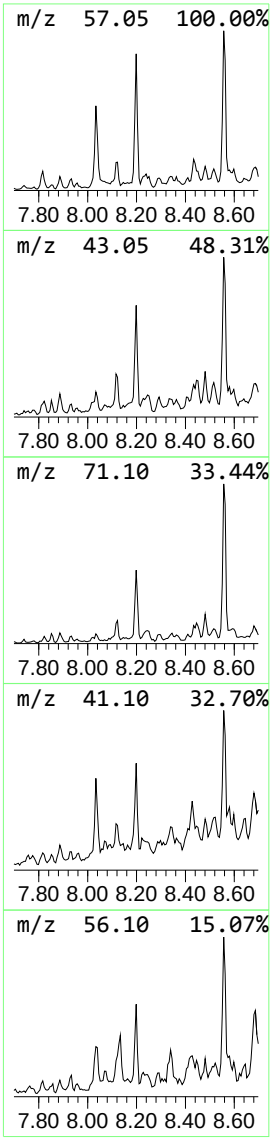
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.198	4.40 ng	330082	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3	Eicosyl octyl ether	410	C28H58O	1000406-38-8	59
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

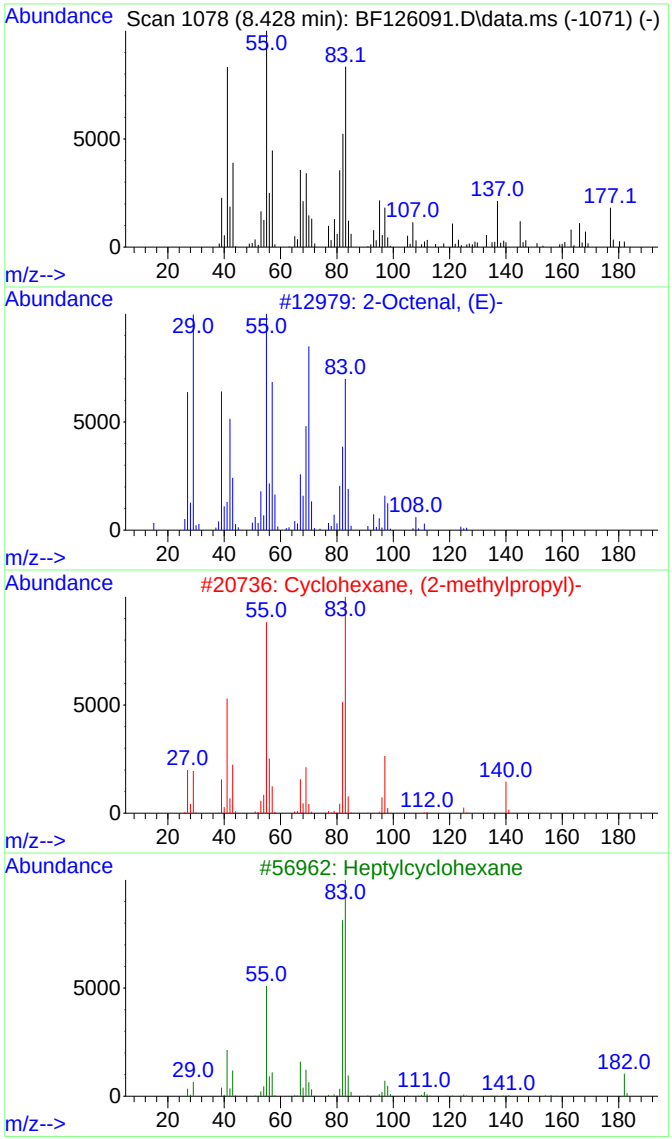
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

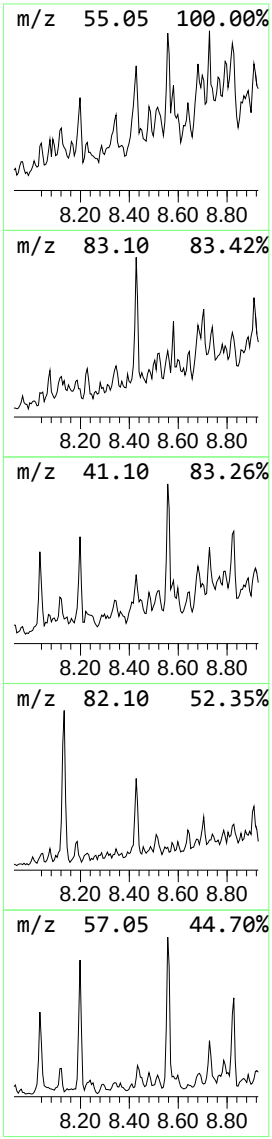
****

Peak Number 4 unknown8.428 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	5.89 ng	442145	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	49
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
3	Heptylcyclohexane	182	C13H26	005617-41-4	46
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

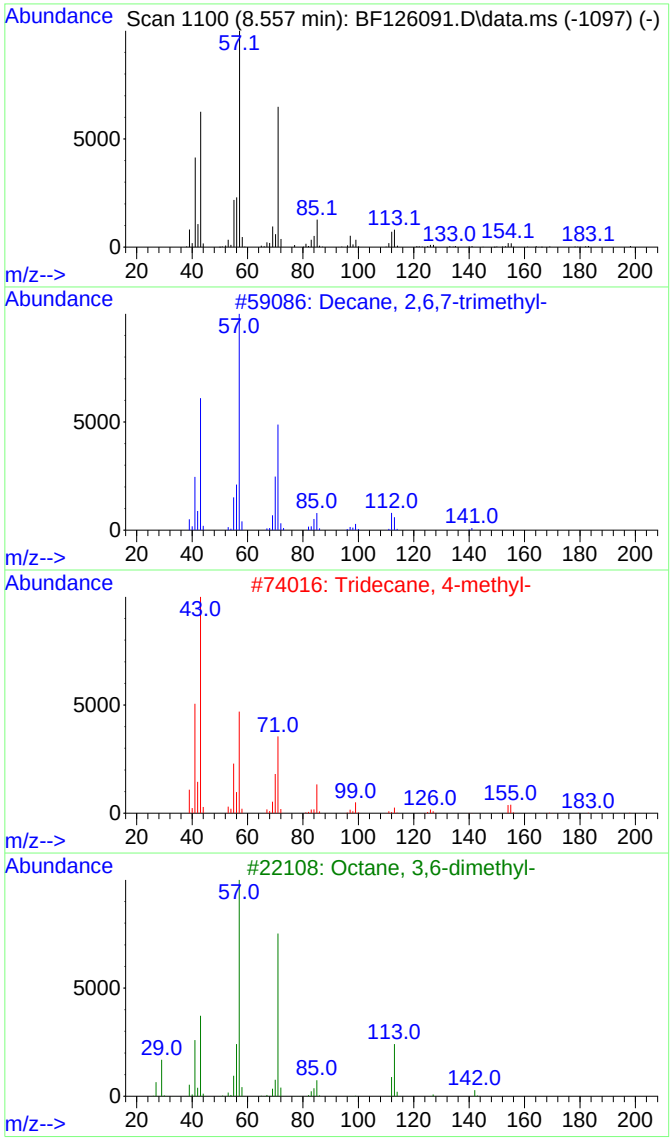
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

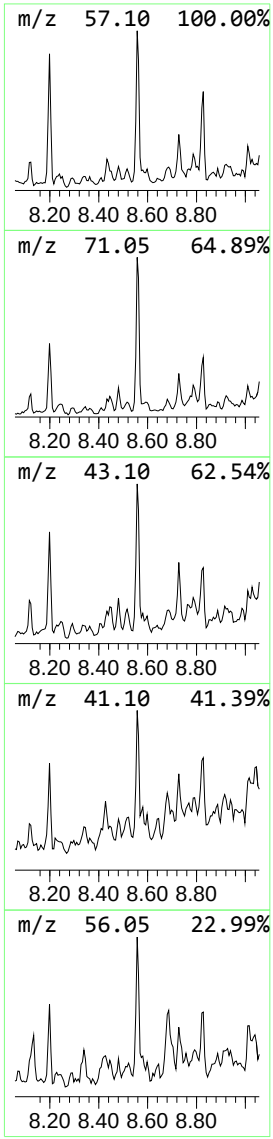
****

Peak Number 5 Decane, 2,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	7.29 ng	547232	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

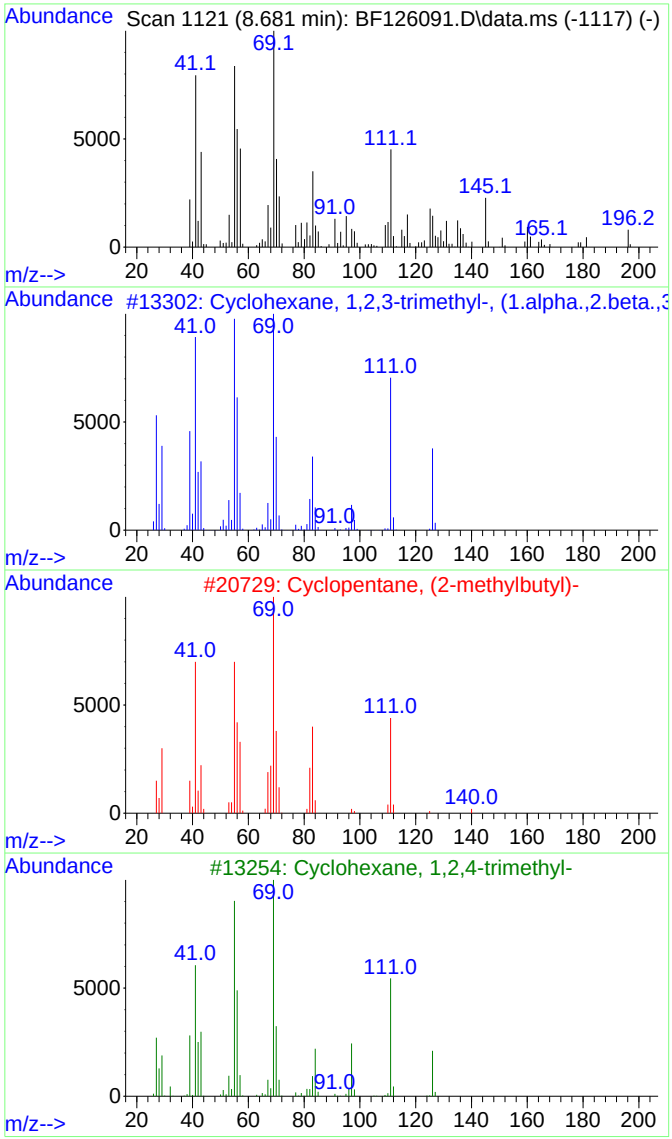
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

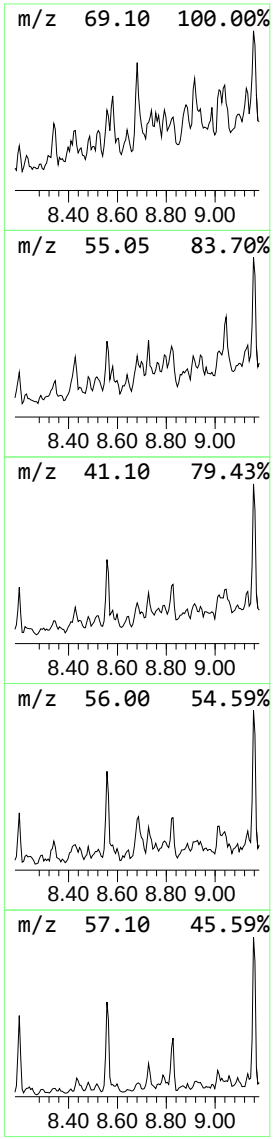
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,2,3-trimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.681	4.89 ng	367541	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	89
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
5	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

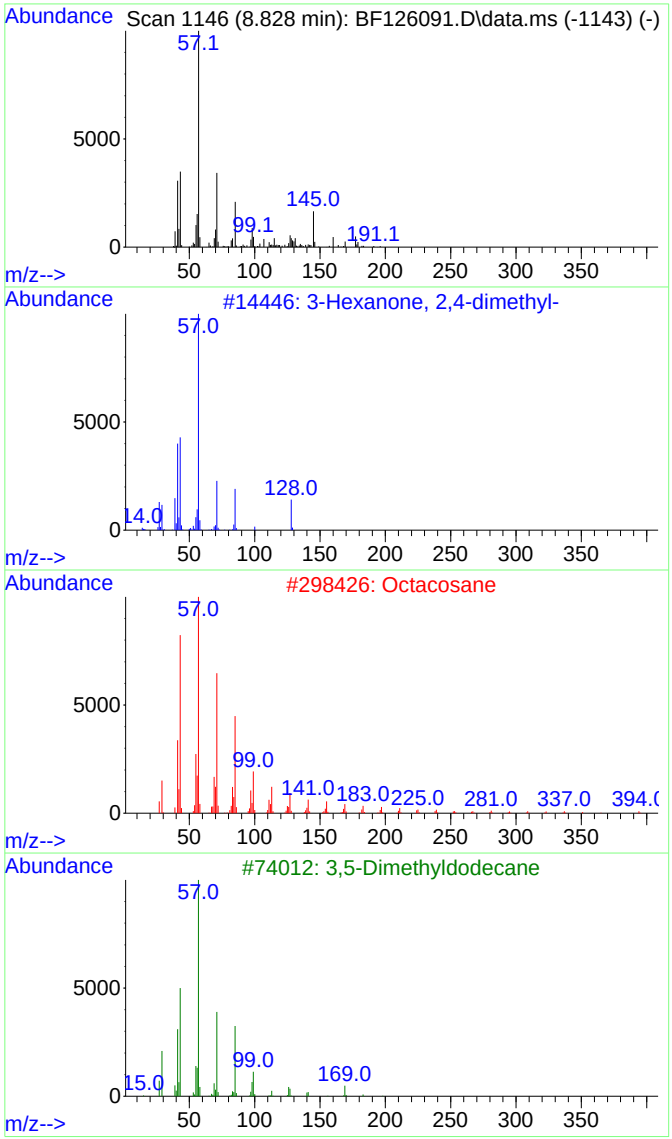
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

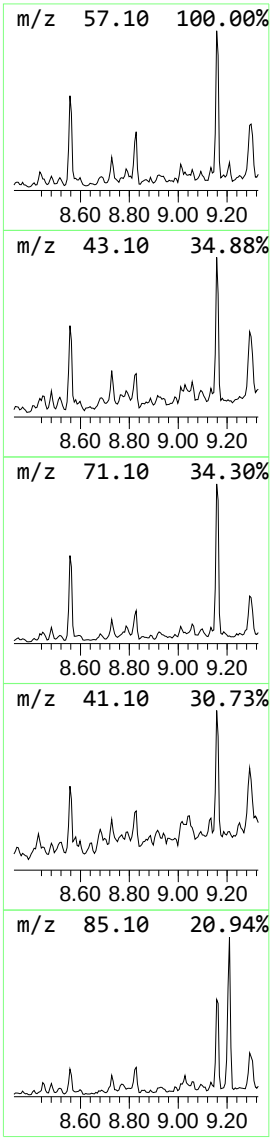
****

Peak Number 7 3-Hexanone, 2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.828	4.72 ng	354795	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	50
2	Octacosane	394	C28H58	000630-02-4	47
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	47
4	Tridecane	184	C13H28	000629-50-5	38
5	Hexadecane	226	C16H34	000544-76-3	38





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Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
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Instrument :
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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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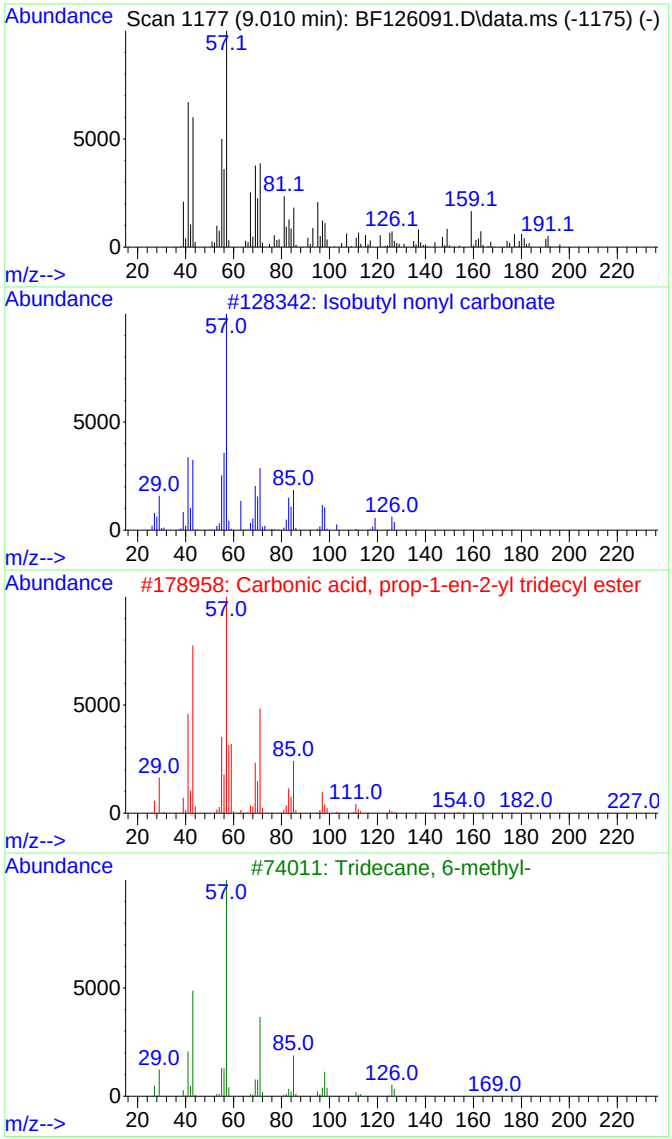
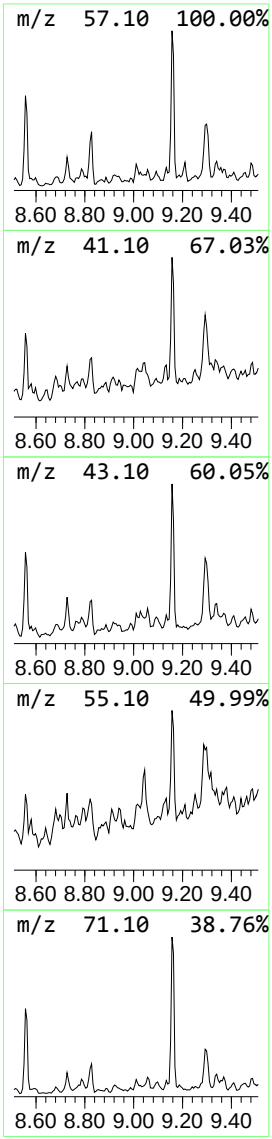
Peak Number 8 unknown9.010 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	5.02 ng	377276	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	46
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
4	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	35
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	30





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Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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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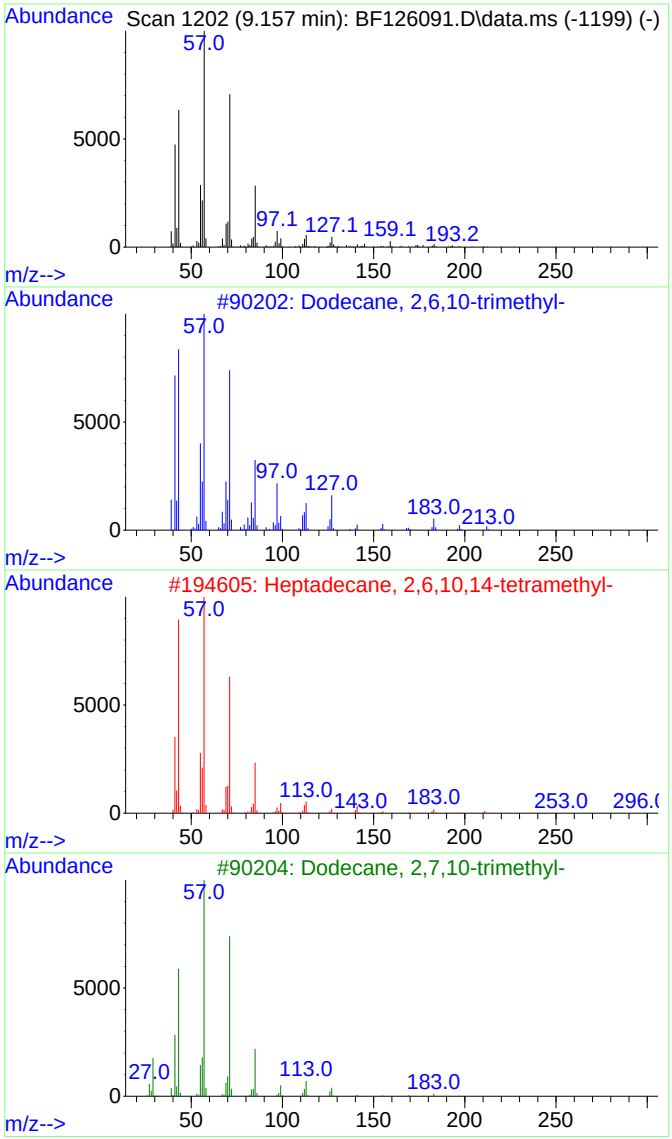
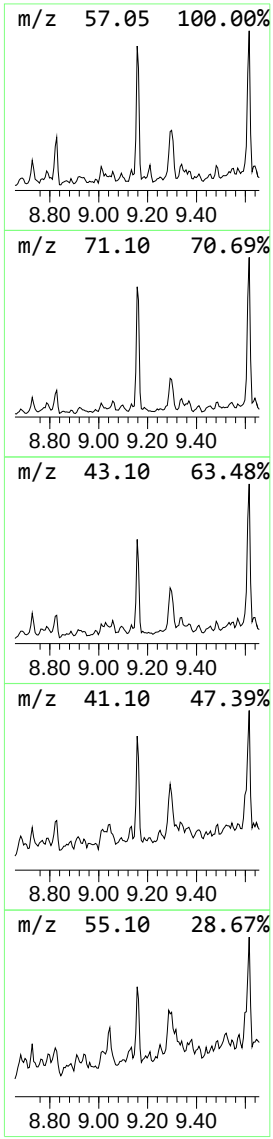
Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	9.84 ng	971009	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Decane, 5-propyl-	184	C13H28	017312-62-8	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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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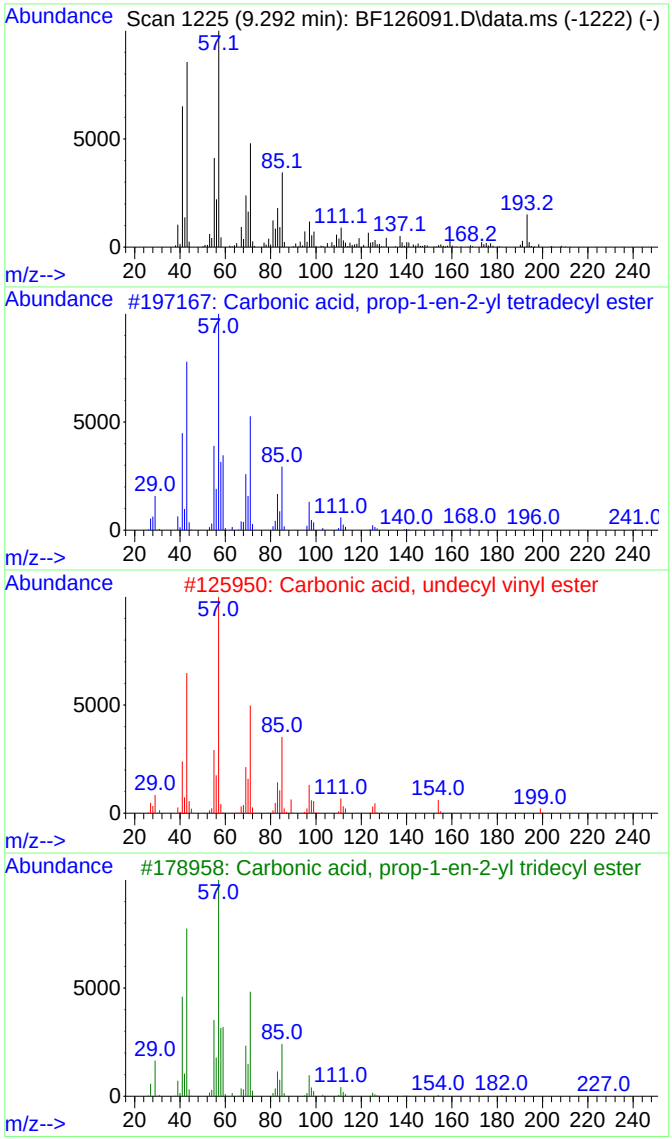
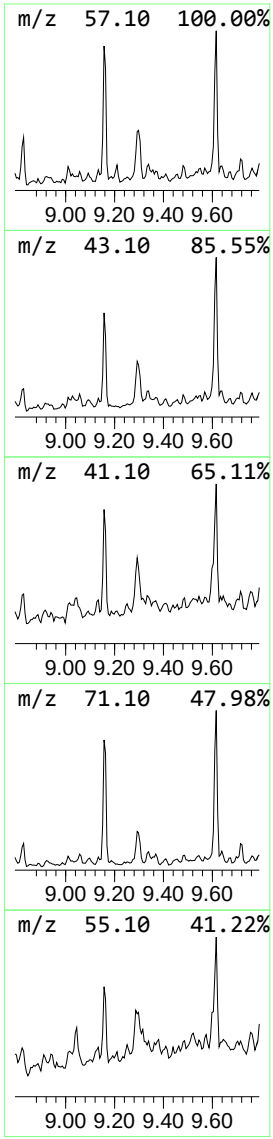
Peak Number 10 Carbonic acid, prop-1-en-2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	7.43 ng	732781	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	90
2	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	87
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	87
4	Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	72
5	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	72





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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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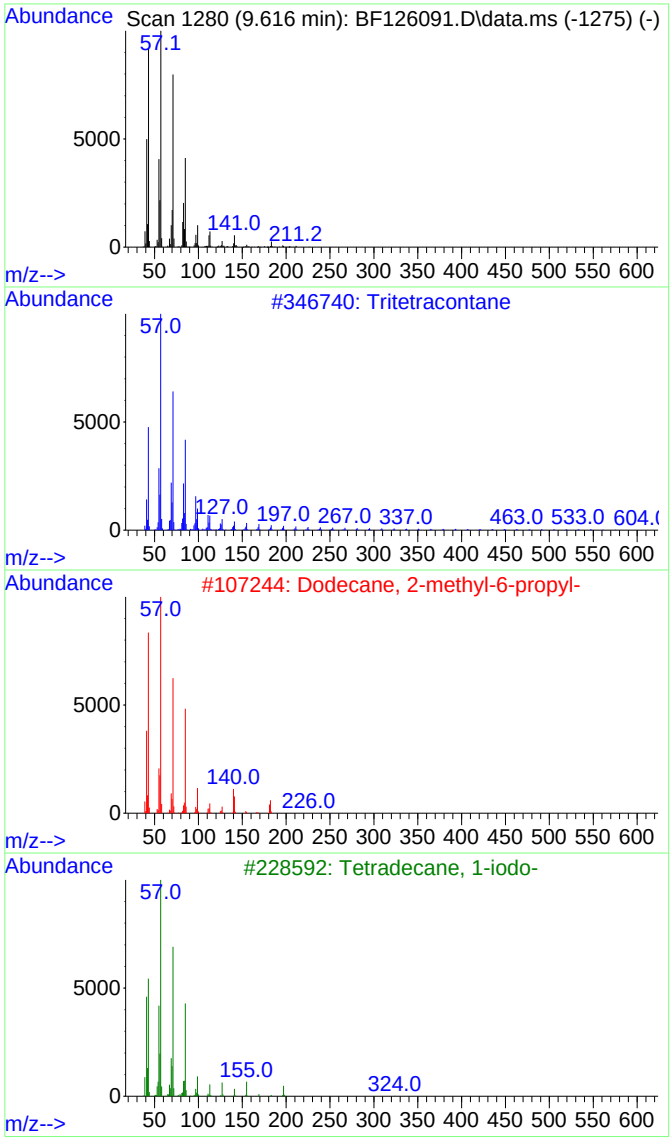
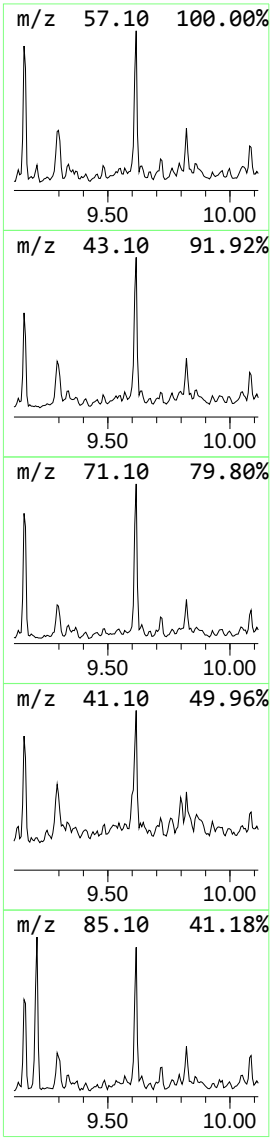
Peak Number 11 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	15.09 ng	1489040	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	76





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Instrument :
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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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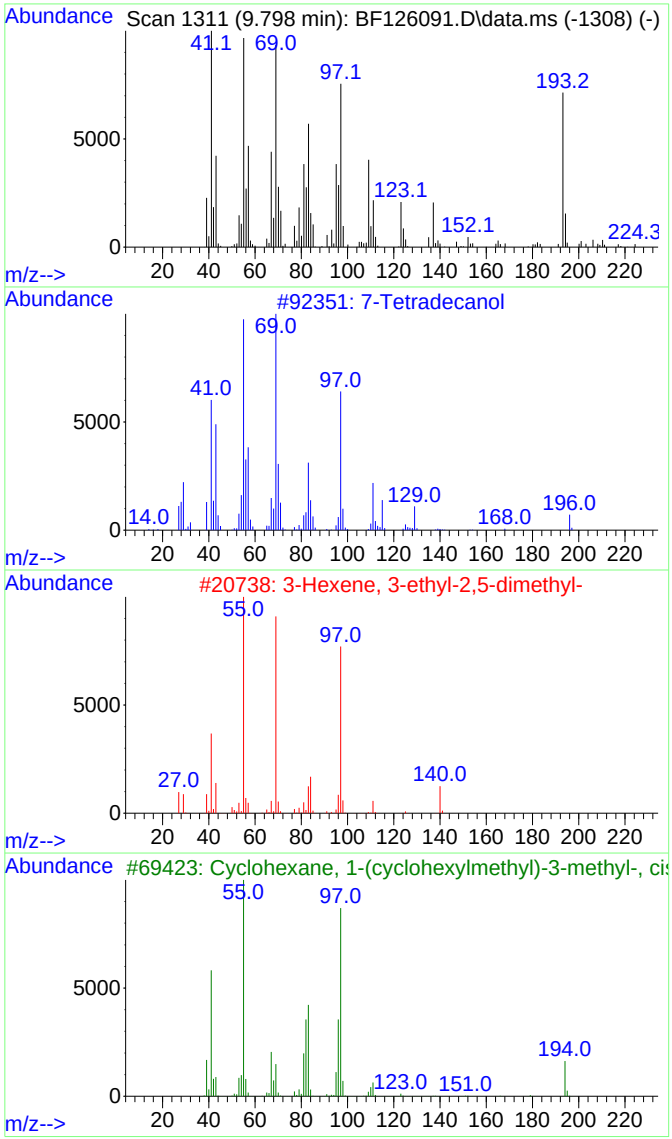
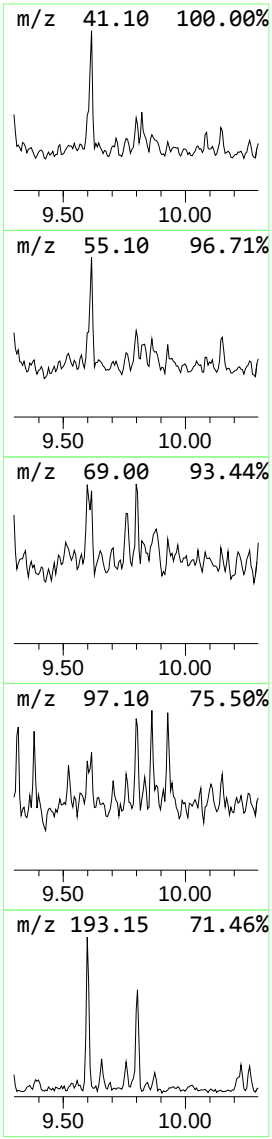
Peak Number 12 unknown9.798 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	4.13 ng	407326	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecanol	214	C14H30O	003981-79-1	43
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	35
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	30
4	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	30
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-95-9	25





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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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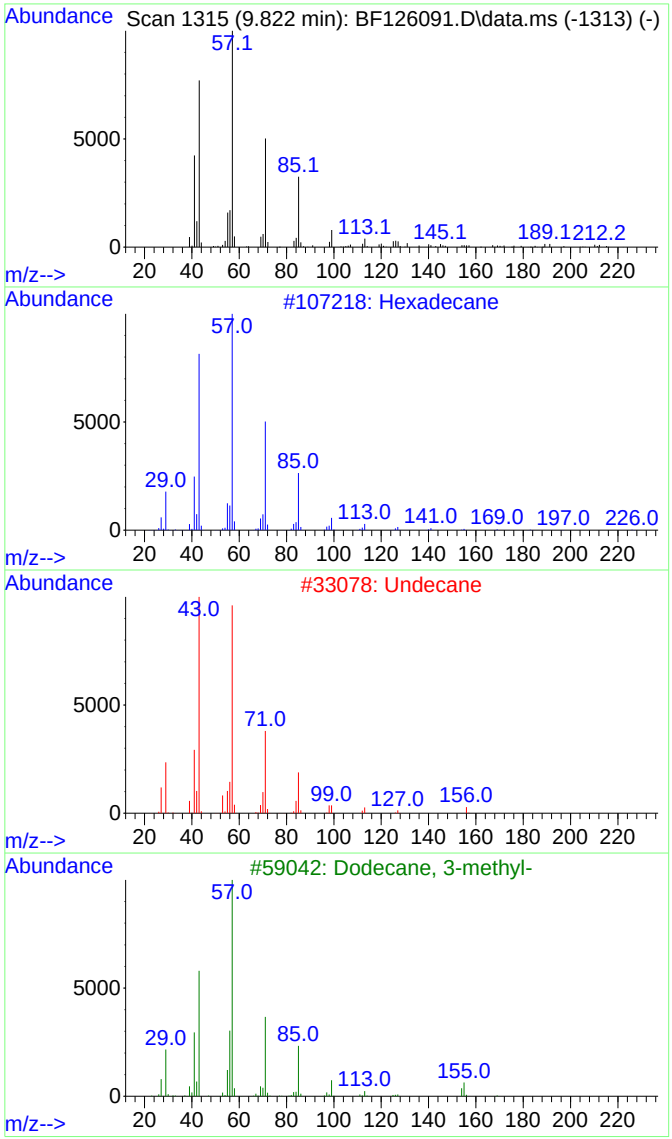
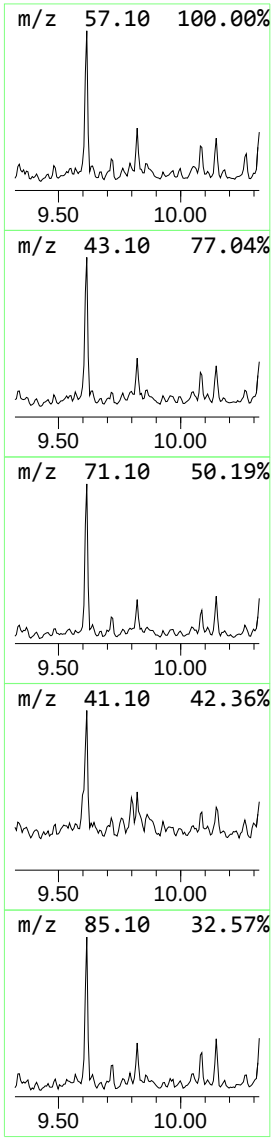
Peak Number 13 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.822	3.58 ng	353352	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Undecane	156	C11H24	001120-21-4	78
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64





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Instrument :
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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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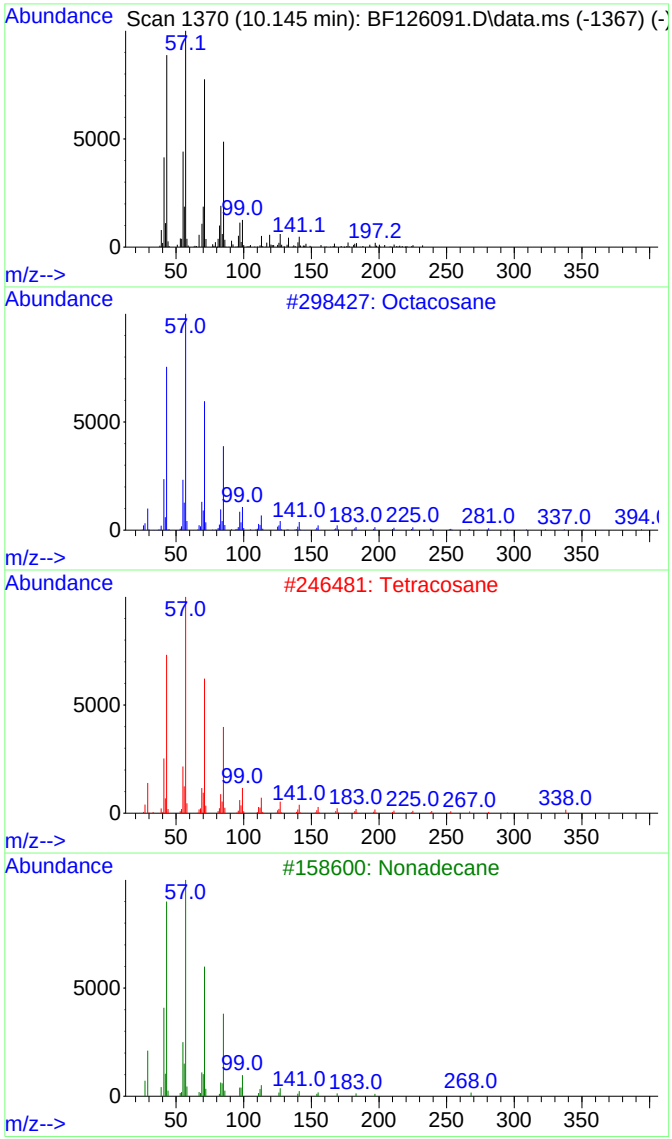
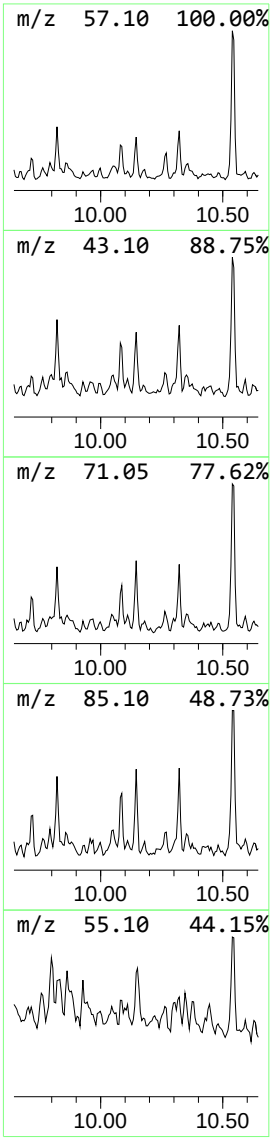
Peak Number 14 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	3.97 ng	391156	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Tetracosane	338	C24H50	000646-31-1	80
3	Nonadecane	268	C19H40	000629-92-5	74
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Heptadecane	240	C17H36	000629-78-7	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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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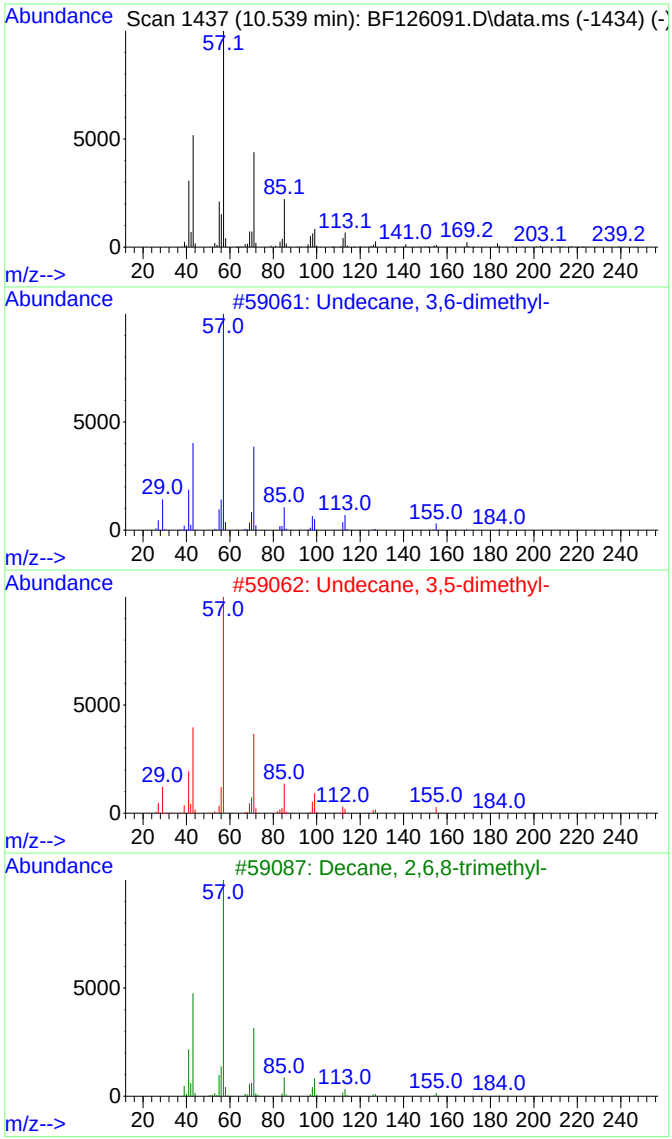
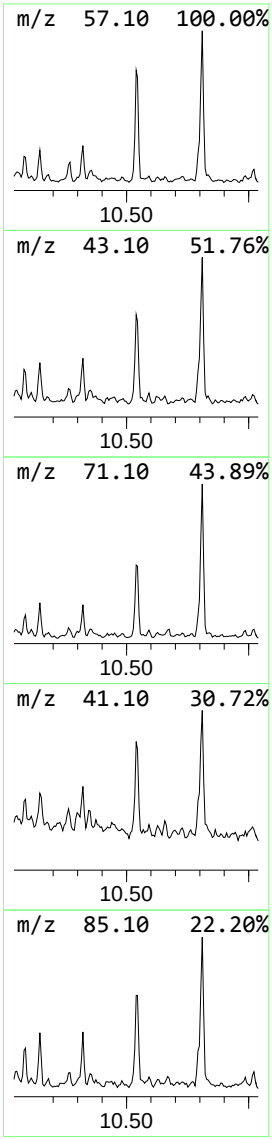
Peak Number 15 Undecane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	9.51 ng	938479	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
4	Tetracosane	338	C24H50	000646-31-1	80
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





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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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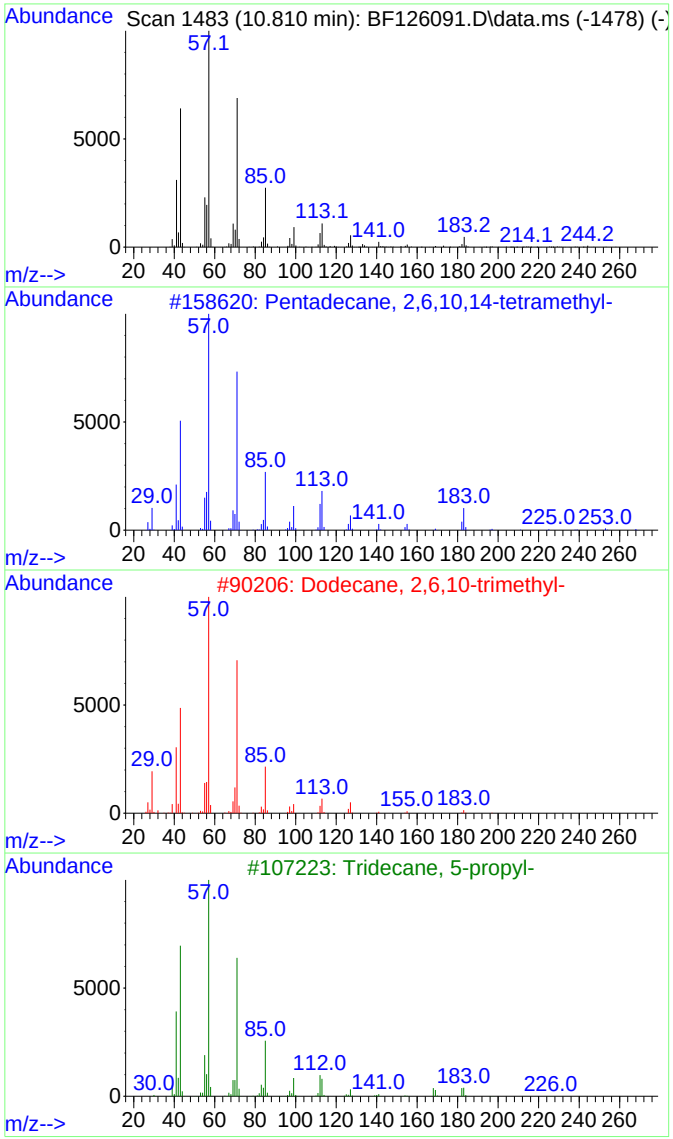
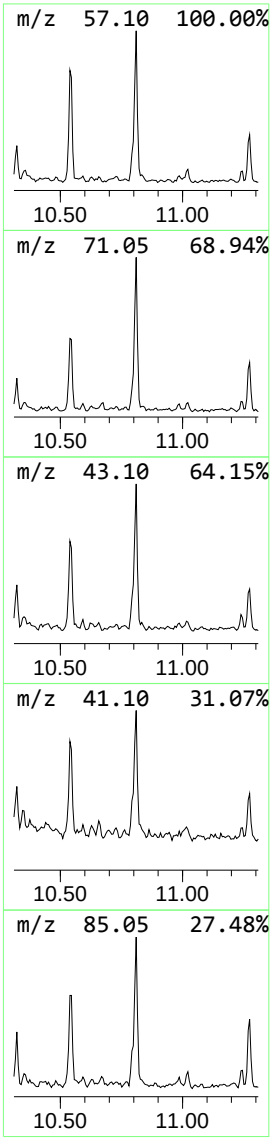
Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	24.51 ng	1607780	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64





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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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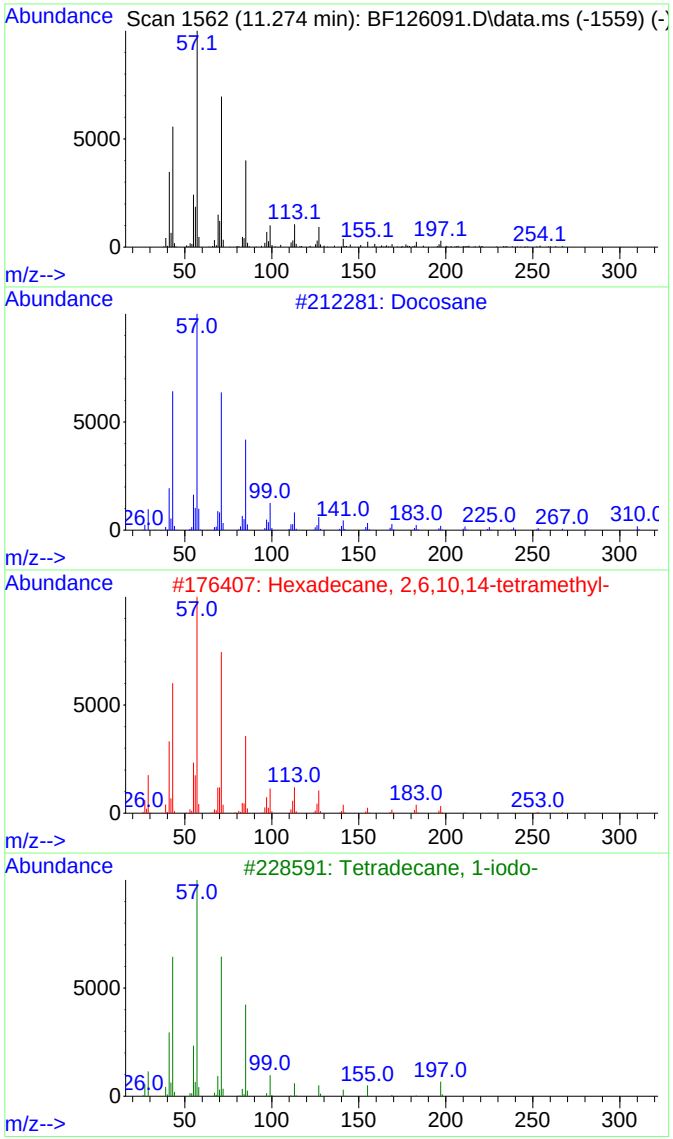
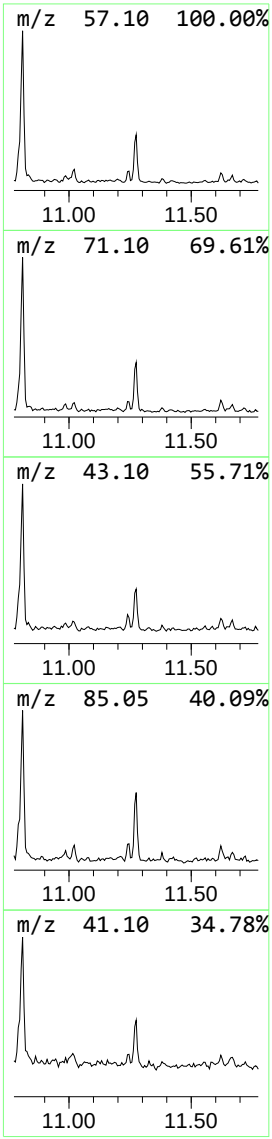
Peak Number 17 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	9.29 ng	609043	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octadecane	254	C18H38	000593-45-3	86





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

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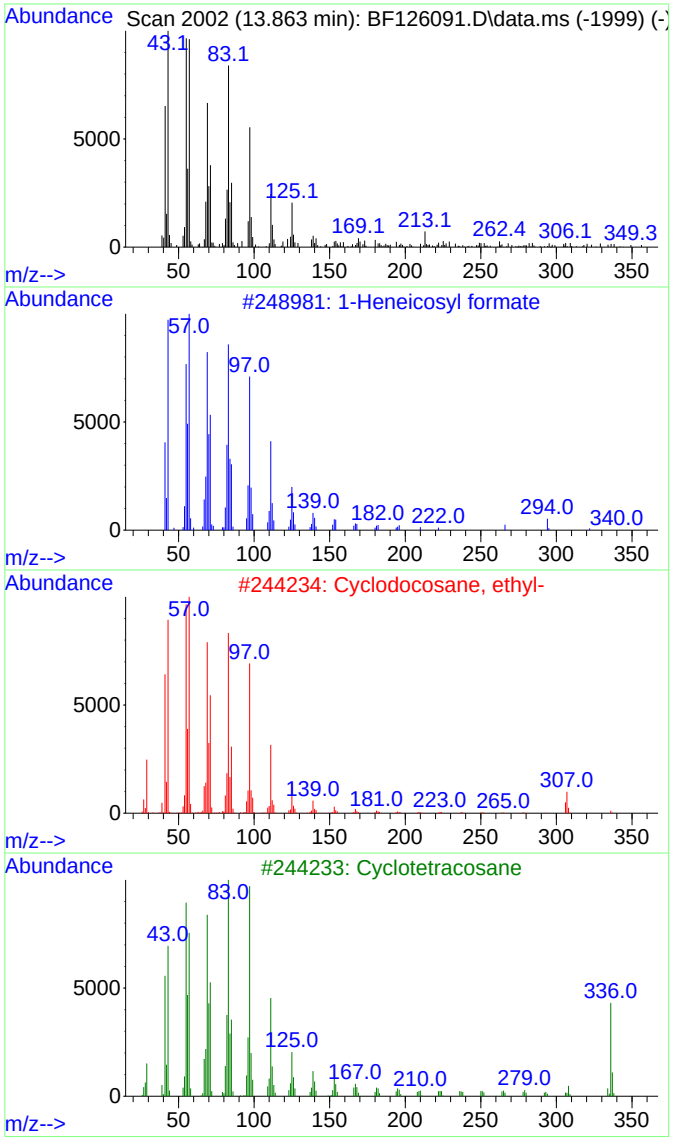
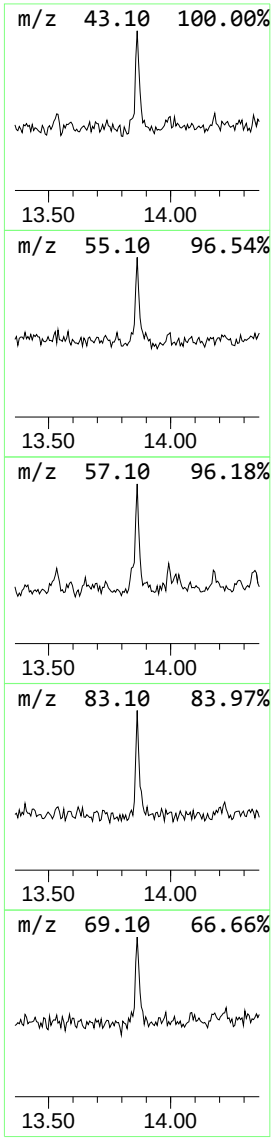
Peak Number 18 1-Heneicosyl formate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	7.22 ng	422686	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	1-Octadecene	252	C18H36	000112-88-9	93
5	1-Octadecanol	270	C18H38O	000112-92-5	90





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

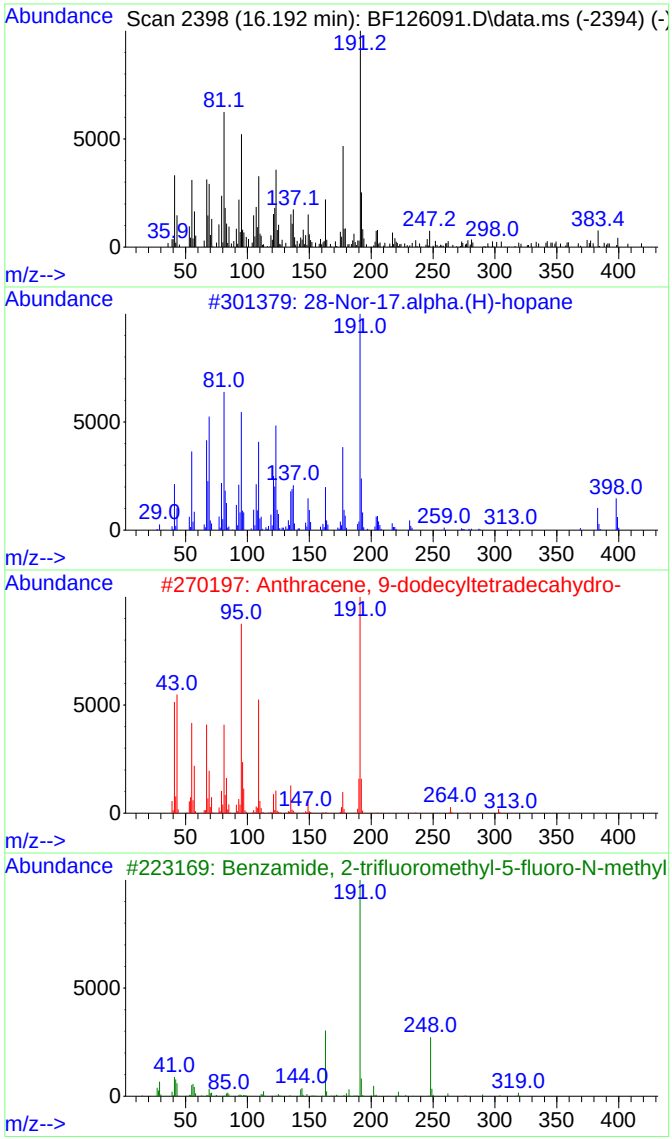
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

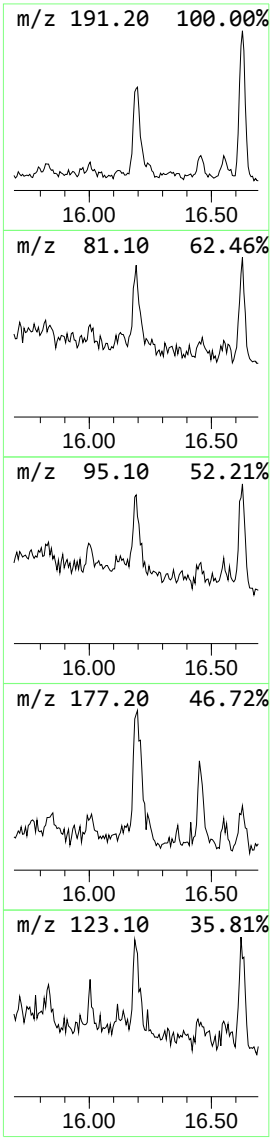
****

Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	14.40 ng	619809	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	83
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35
3	Benzamide, 2-trifluoromethyl-5-f...	319	C16H21F4NO	1000437-08-6	30
4	Pentanoic acid, 4-methyl-2-(2,5-...	278	C13H18N4O3	1000294-63-5	30
5	Benzamide, 3-fluoro-4-trifluorom...	277	C13H15F4NO	1000437-17-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

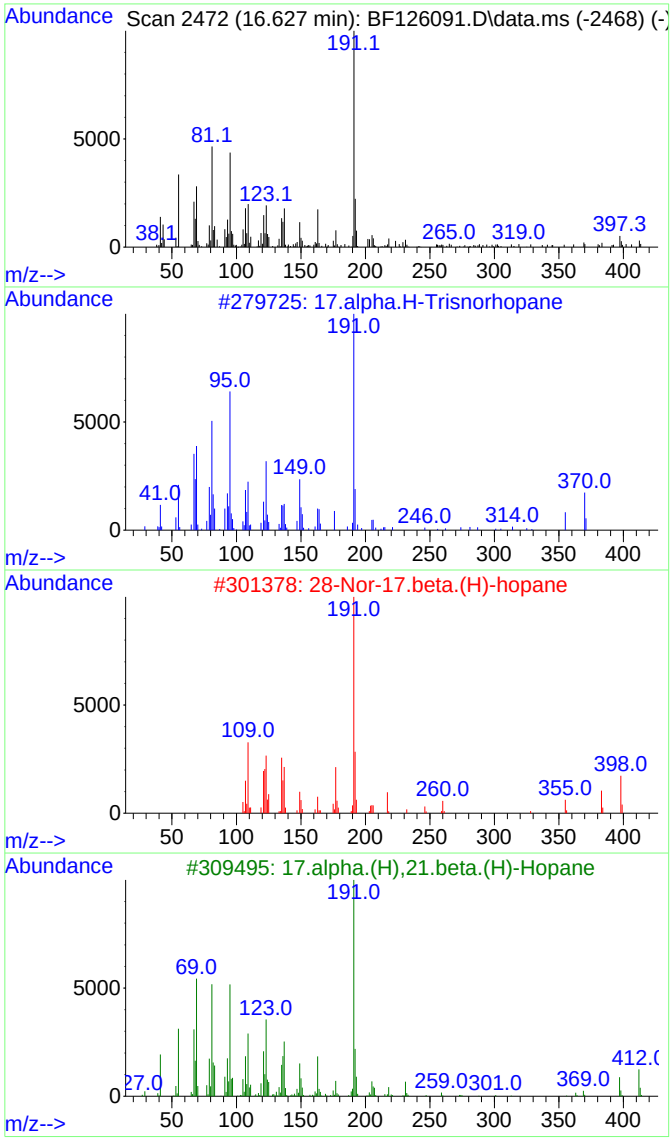
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

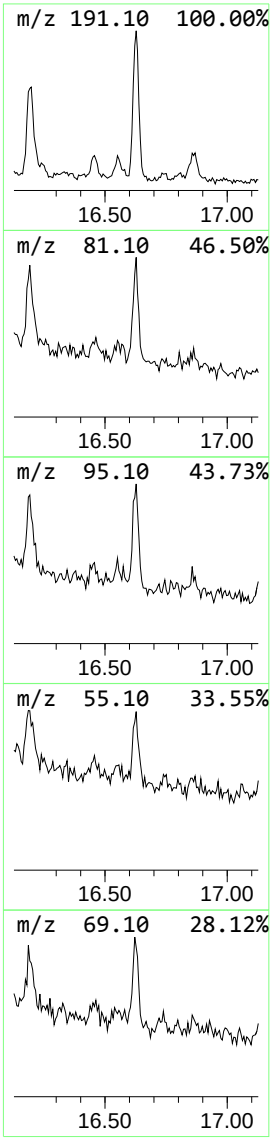
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 17.alpha.H-Trisnorhopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.627	11.55 ng	496986	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17.alpha.H-Trisnorhopane	370	C27H46	053584-59-1	74
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	59
3	17.alpha.(H),21.beta.(H)-Hopane	412	C30H52	013849-96-2	55
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	52
5	6-Fluoro-2-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1010343-74-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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
Butane, 2-metho...	2.146	41.8	ng	2308410	1	6.851	1103370	20.0
Ethanol, 2-(2-b...	8.034	6.3	ng	473076	2	8.133	1501920	20.0
Undecane, 2,6-d...	8.198	4.4	ng	330082	2	8.133	1501920	20.0
unknown8.428	8.428	5.9	ng	442145	2	8.133	1501920	20.0
Decane, 2,6,7-t...	8.557	7.3	ng	547232	2	8.133	1501920	20.0
Cyclohexane, 1,...	8.681	4.9	ng	367541	2	8.133	1501920	20.0
3-Hexanone, 2,4...	8.828	4.7	ng	354795	2	8.133	1501920	20.0
unknown9.010	9.010	5.0	ng	377276	2	8.133	1501920	20.0
Dodecane, 2,6,1...	9.157	9.8	ng	971009	3	9.886	1973040	20.0
Carbonic acid, ...	9.292	7.4	ng	732781	3	9.886	1973040	20.0
Tritetracontane	9.616	15.1	ng	1489040	3	9.886	1973040	20.0
unknown9.798	9.798	4.1	ng	407326	3	9.886	1973040	20.0
Hexadecane	9.822	3.6	ng	353352	3	9.886	1973040	20.0
Octacosane	10.145	4.0	ng	391156	3	9.886	1973040	20.0
Undecane, 3,6-d...	10.539	9.5	ng	938479	3	9.886	1973040	20.0
Pentadecane, 2,...	10.810	24.5	ng	1607780	4	11.369	1311820	20.0
Docosane	11.275	9.3	ng	609043	4	11.369	1311820	20.0
1-Heneicosyl fo...	13.863	7.2	ng	422686	5	14.010	1171110	20.0
28-Nor-17.alpha...	16.192	14.4	ng	619809	6	15.474	860724	20.0
17.alpha.H-Tris...	16.627	11.6	ng	496986	6	15.474	860724	20.0