LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140012.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	7	15	22	rBV	806543	1284015	44.97%	4.918%
2	5.110	505	513	521	rVB	79891	120178	4.21%	0.460%
3	5.504	574	580	585	rBV	1303239	1705090	59.72%	6.530%
4	6.181	689	695	700	rVB	2163423	2855258	100.00%	10.935%
5	6.340	713	722	727	rBV3	74703	158509	5.55%	0.607%
6	6.440	734	739	744	rBV2	29693	39767	1.39%	0.152%
7	6.504	744	750	755	rBV	1233675	1655134	57.97%	6.339%
8	6.887	810	815	820	rBV	437020	538925	18.87%	2.064%
9	6.963	821	828	832	rBV	329732	403496	14.13%	1.545%
10	7.004	832	835	839	rVB	49302	56207	1.97%	0.215%
11	7.445	903	910	914	rBV	886993	1164868	40.80%	4.461%
12	7.481	914	916	921	rVB	164976	192240	6.73%	0.736%
13	7.698	948	953	958	rBV	190712	245182	8.59%	0.939%
14	7.792	964	969	974	rBV	30287	44136	1.55%	0.169%
15	7.881	979	984	986	rVV2	110360	158557	5.55%	0.607%
16	7.916	986	990	995	rVV	511276	639206	22.39%	2.448%
17	7.975	995	1000	1003	rVV2	51973	68283	2.39%	0.262%
18	8.022	1003	1008	1013	rVV	29665	58328	2.04%	0.223%
19	8.075	1013	1017	1020	rVV	153174	213849	7.49%	0.819%
20	8.110	1020	1023	1028	rVV2	213897	295415	10.35%	1.131%
21	8.169	1028	1033	1039	rVV	531122	687601	24.08%	2.633%
22	8.757	1129	1133	1136	rBV	29530	35636	1.25%	0.136%
23	8.875	1146	1153	1156	rBV2	19483	30357	1.06%	0.116%
24	9.245	1210	1216	1222	rBV	1208422	1536159	53.80%	5.883%
25	9.322	1227	1229	1235	rVB	26995	33956	1.19%	0.130%
26	9.922	1326	1331	1347	rVB	544060	689330	24.14%	2.640%
27	10.633	1447	1452	1457	rBV	97455	119342	4.18%	0.457%
28	10.710	1460	1465	1475	rBV	746733	959493	33.60%	3.675%
29	10.828	1481	1485	1492	rVB	19656	30591	1.07%	0.117%
30	11.275	1557	1561	1565	rBV	29660	44387	1.55%	0.170%
31	11.410	1579	1584	1589	rBV	473010	585048	20.49%	2.241%
32	11.516	1597	1602	1610	rBV	29087	43957	1.54%	0.168%
33	11.933	1668	1673	1688	rBV	220245	333513	11.68%	1.277%
34	12.398	1748	1752	1756	rBV2	21660	33625	1.18%	0.129%
35	12.639	1787	1793	1801	rBV6	24947	63408	2.22%	0.243%
36	12.716	1802	1806	1811	rBV	97848	144960	5.08%	0.555%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.992	1848	1853	1862	rBV	680810	872394	30.55%	3.341%
38	13.227	1889	1893	1897	rBV	37303	50080	1.75%	0.192%
39	13.533	1941	1945	1949	rBV	129174	174107	6.10%	0.667%
40	13.686	1967	1971	1974	rBV	112142	140363	4.92%	0.538%
41	13.722	1974	1977	1981	rBV	101062	131659	4.61%	0.504%
42	13.845	1994	1998	2003	rBV	155828	197587	6.92%	0.757%
43	13.904	2003	2008	2013	rBV	201300	367618	12.88%	1.408%
44	14.027	2023	2029	2038	rBV2	502582	1134550	39.74%	4.345%
45	14.110	2039	2043	2049	rBV	150822	226329	7.93%	0.867%
46	14.210	2058	2060	2074	rVB3	50873	108520	3.80%	0.416%
47	14.333	2078	2081	2086	rVB	40886	52271	1.83%	0.200%
48	14.474	2101	2105	2109	rBV3	35090	62317	2.18%	0.239%
49	14.539	2109	2116	2136	rVB3	283052	782640	27.41%	2.997%
50	14.733	2145	2149	2160	rBV2	93868	209940	7.35%	0.804%
51	14.827	2161	2165	2169	rVB	31625	44210	1.55%	0.169%
52	14.974	2186	2190	2196	rVB	31916	48512	1.70%	0.186%
53	15.174	2219	2224	2226	rBV	84398	122168	4.28%	0.468%
54	15.216	2226	2231	2235	rVV	92817	177636	6.22%	0.680%
55	15.457	2268	2272	2278	rBV	31045	54848	1.92%	0.210%
56	15.527	2278	2284	2298	rVB	334759	553199	19.37%	2.119%
57	15.768	2321	2325	2331	rVB	21148	31801	1.11%	0.122%
58	15.968	2354	2359	2362	rBV3	36659	68320	2.39%	0.262%
59	16.010	2362	2366	2372	rVB	65608	111301	3.90%	0.426%
60	16.080	2372	2378	2383	rBV3	43196	118700	4.16%	0.455%
61	16.210	2396	2400	2405	rBV2	36246	53156	1.86%	0.204%
62	16.774	2490	2496	2502	rBV2	45379	103893	3.64%	0.398%
63	17.086	2543	2549	2556	rBV5	29440	76907	2.69%	0.295%
64	17.362	2593	2596	2604	rVB4	47910	94037	3.29%	0.360%
65	17.651	2637	2645	2650	rBV4	78284	236537	8.28%	0.906%
66	17.721	2652	2657	2676	rVB4	127527	397302	13.91%	1.522%
67	17.992	2695	2703	2721	rBV6	77378	332502	11.65%	1.273%
68	18.251	2736	2747	2764	rBV2	571128	1707000	59.78%	6.538%

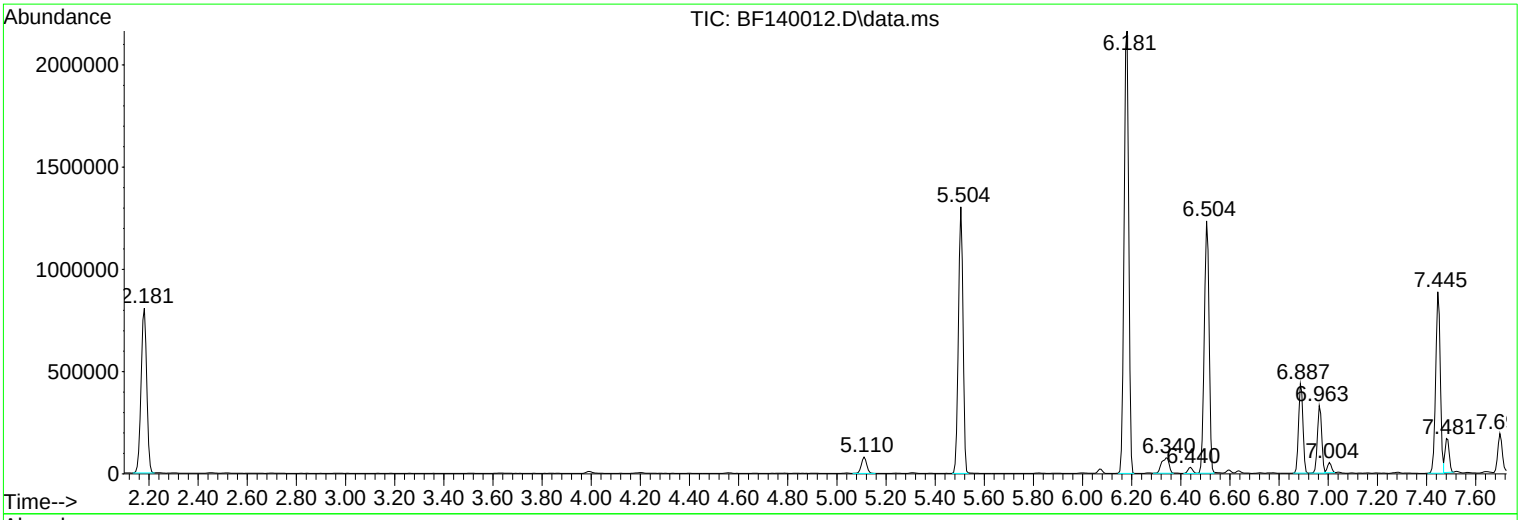
Sum of corrected areas: 26110410

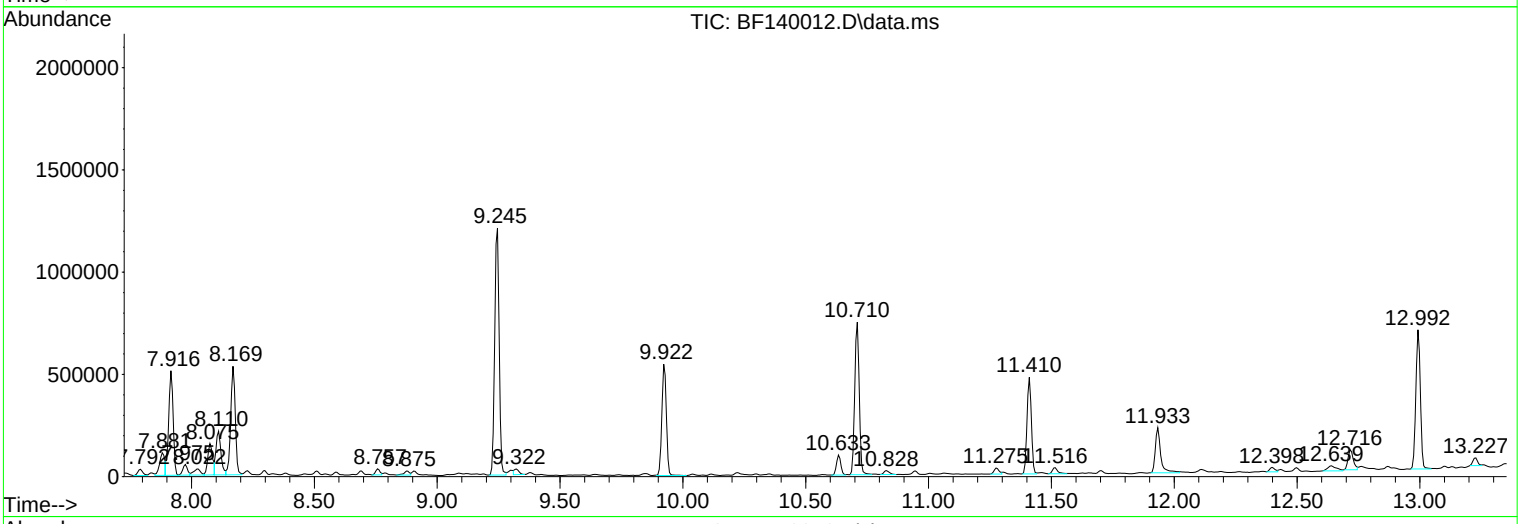
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

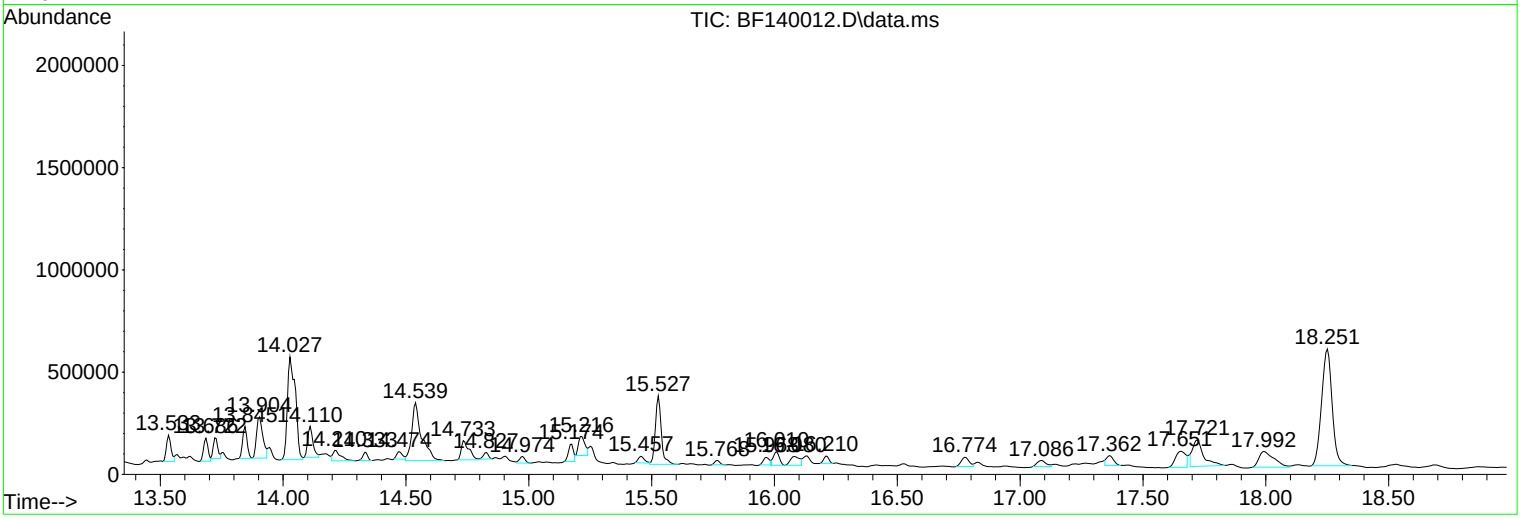
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

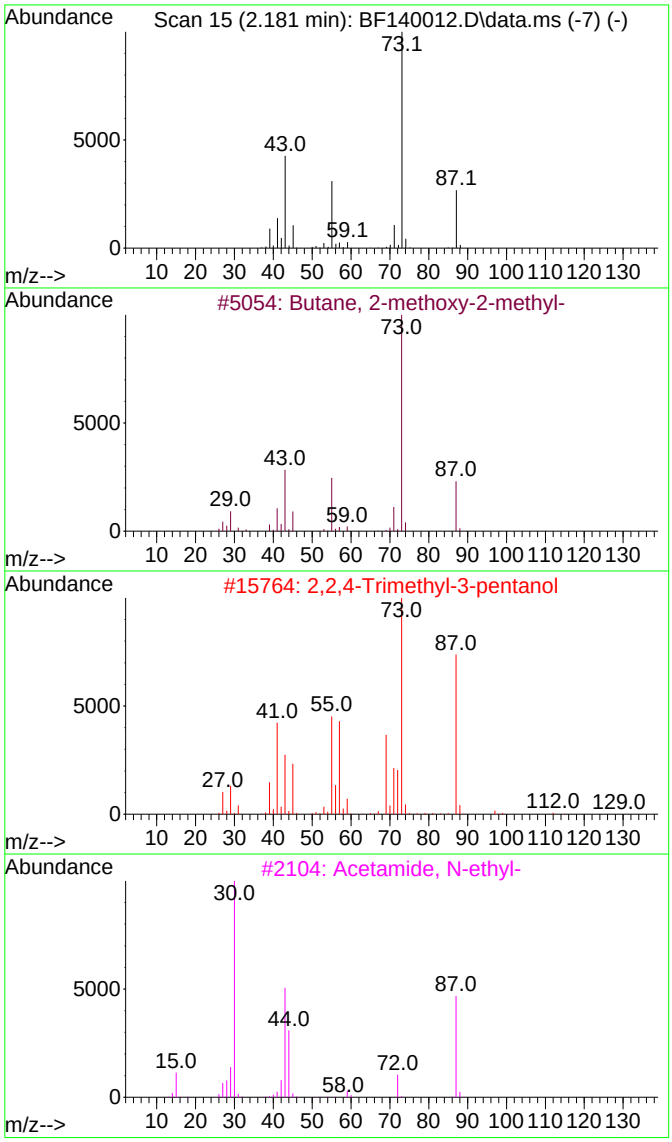
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

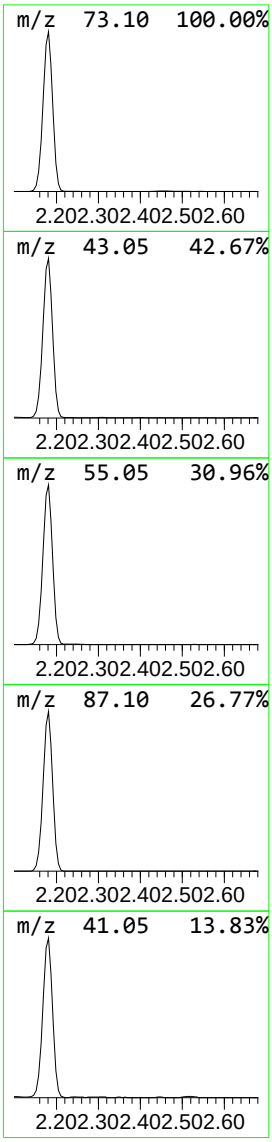
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	47.65 ng	1284020	1,4-Dichlorobenzene-d4	6.887

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

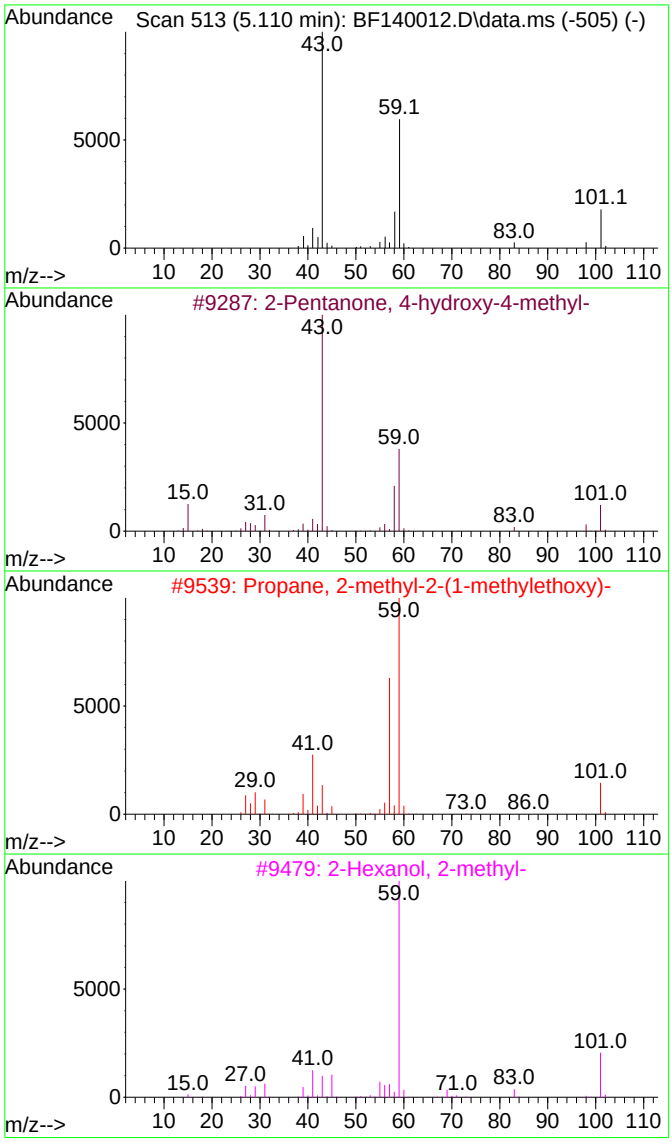
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

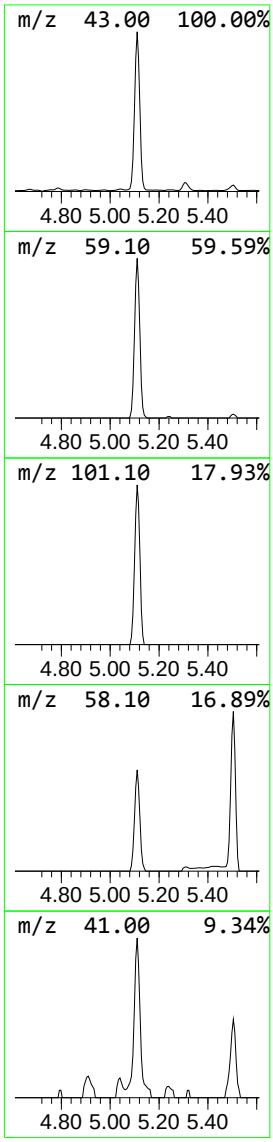
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	4.46 ng	120178	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

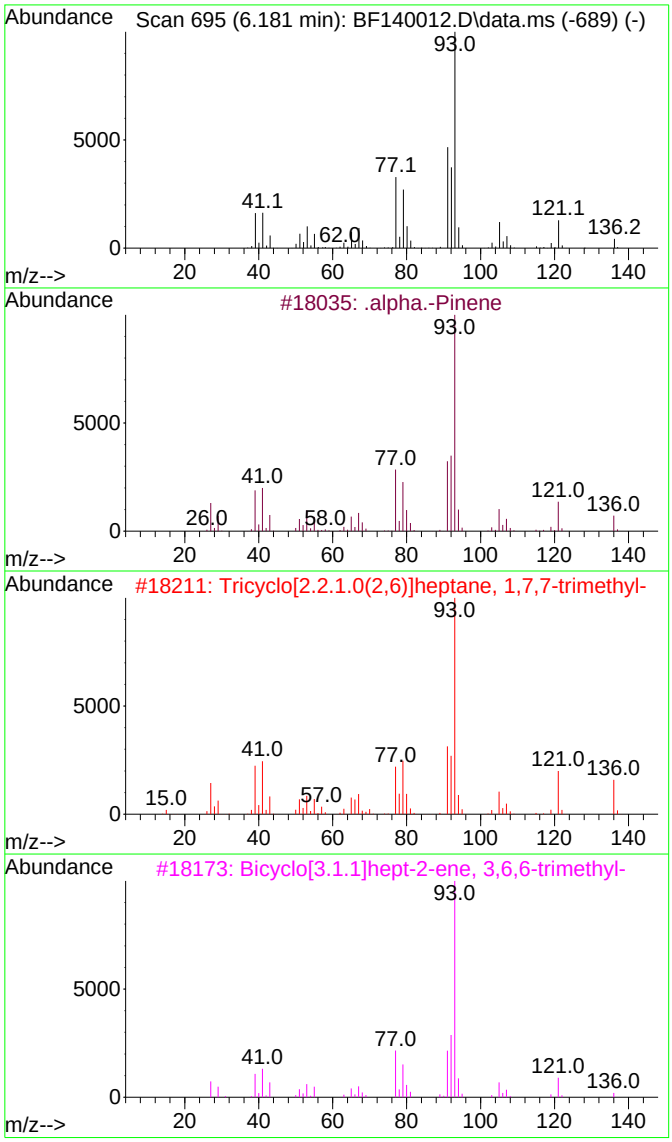
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

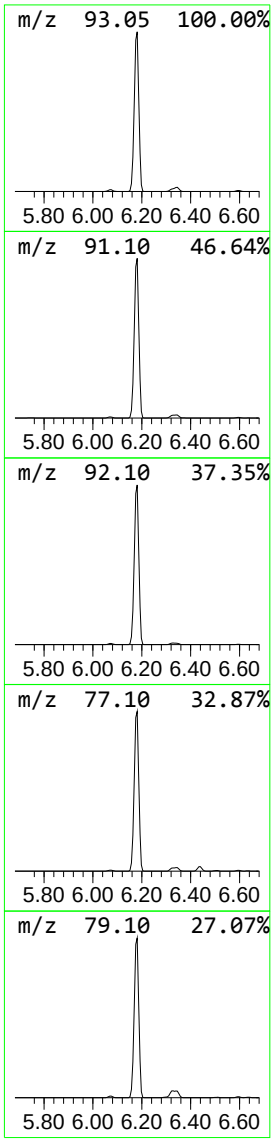
****

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.181	105.96 ng	2855260	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	3-Carene	136	C10H16	013466-78-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

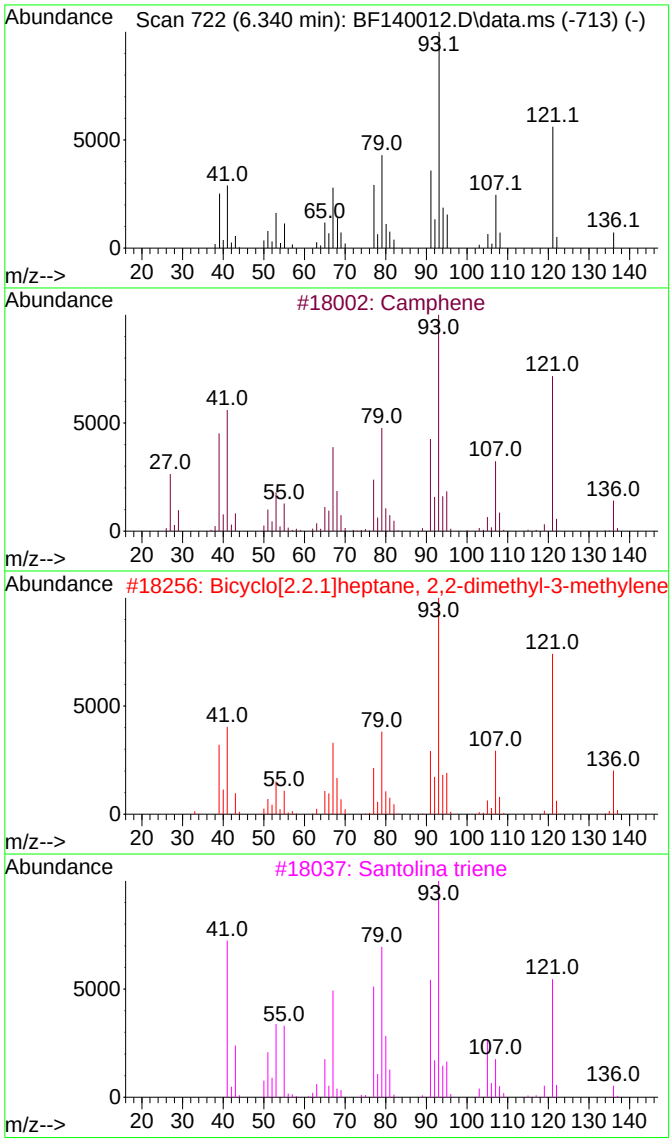
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

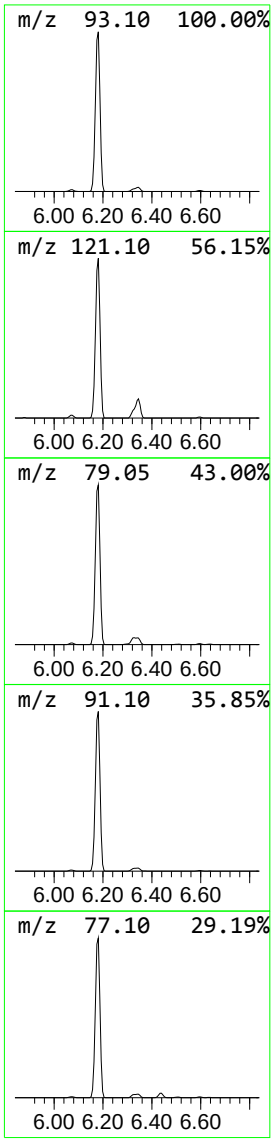
****

Peak Number 4 Camphene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.340	5.88 ng	158509	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	94
3	Santolina triene	136	C10H16	002153-66-4	87
4	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	87
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

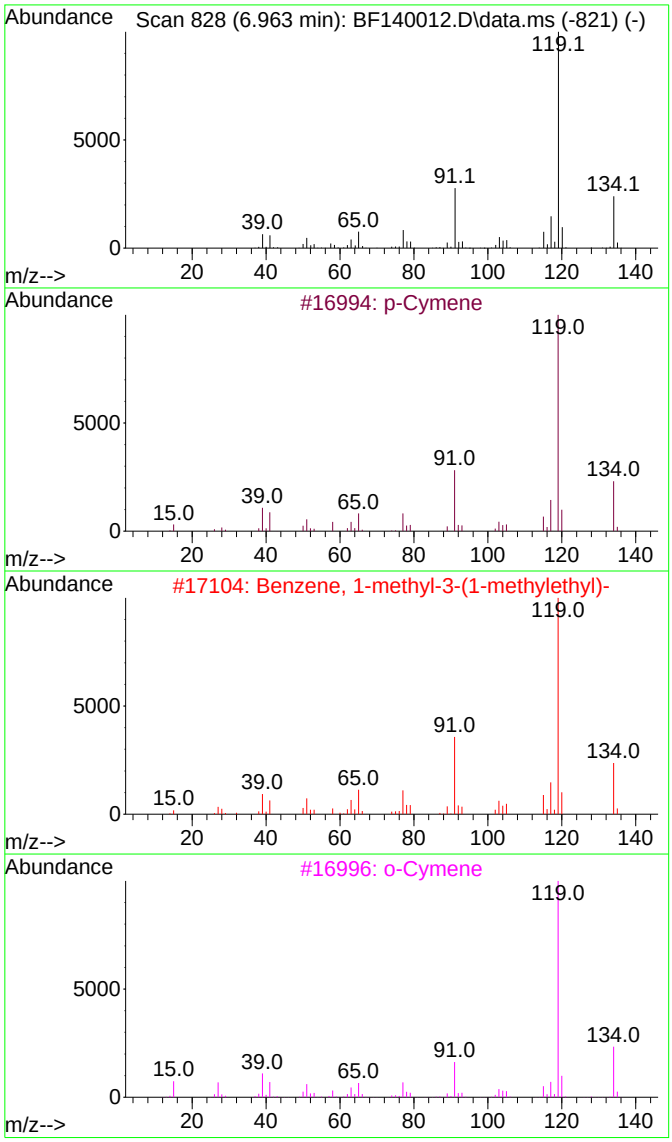
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

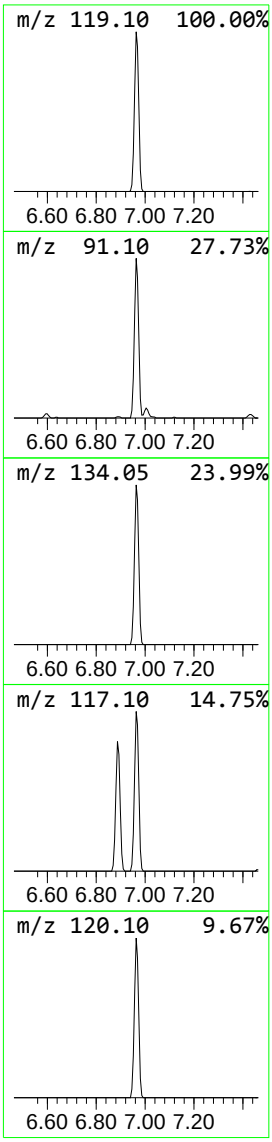
****

Peak Number 5 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	14.97 ng	403496	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	96
3	o-Cymene	134	C10H14	000527-84-4	94
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

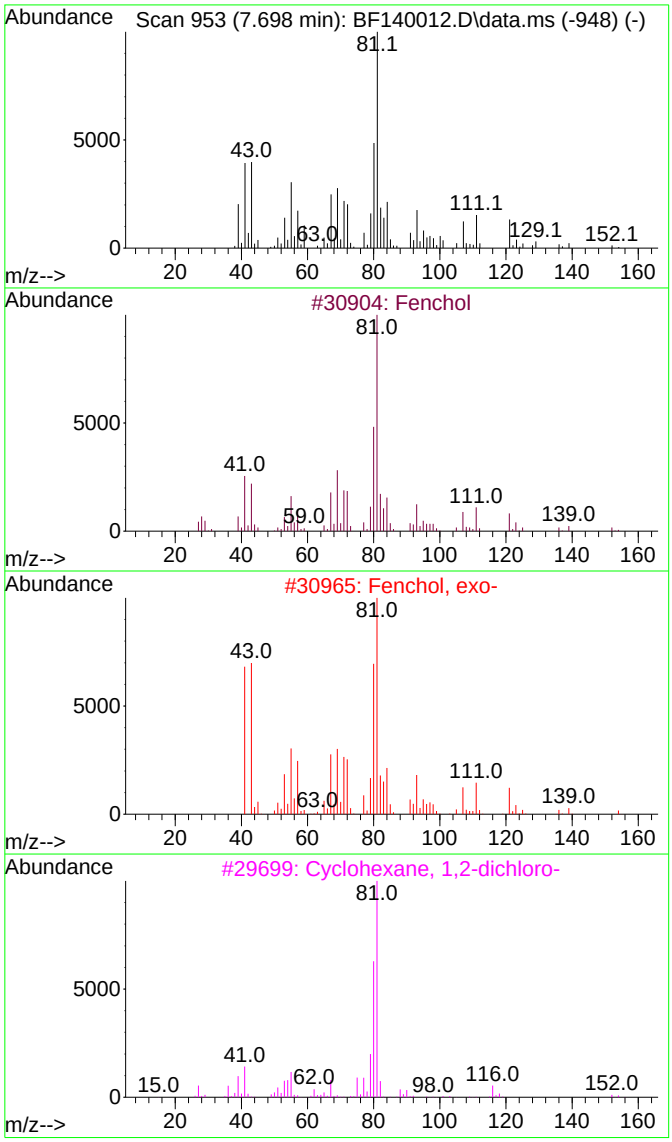
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

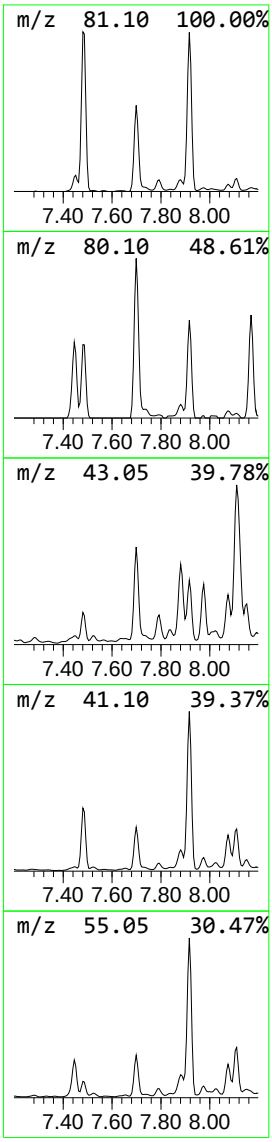
****

Peak Number 6 Fenchol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	7.13 ng	245182	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol	154	C10H18O	001632-73-1	93
2	Fenchol, exo-	154	C10H18O	022627-95-8	91
3	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	38
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	38
5	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

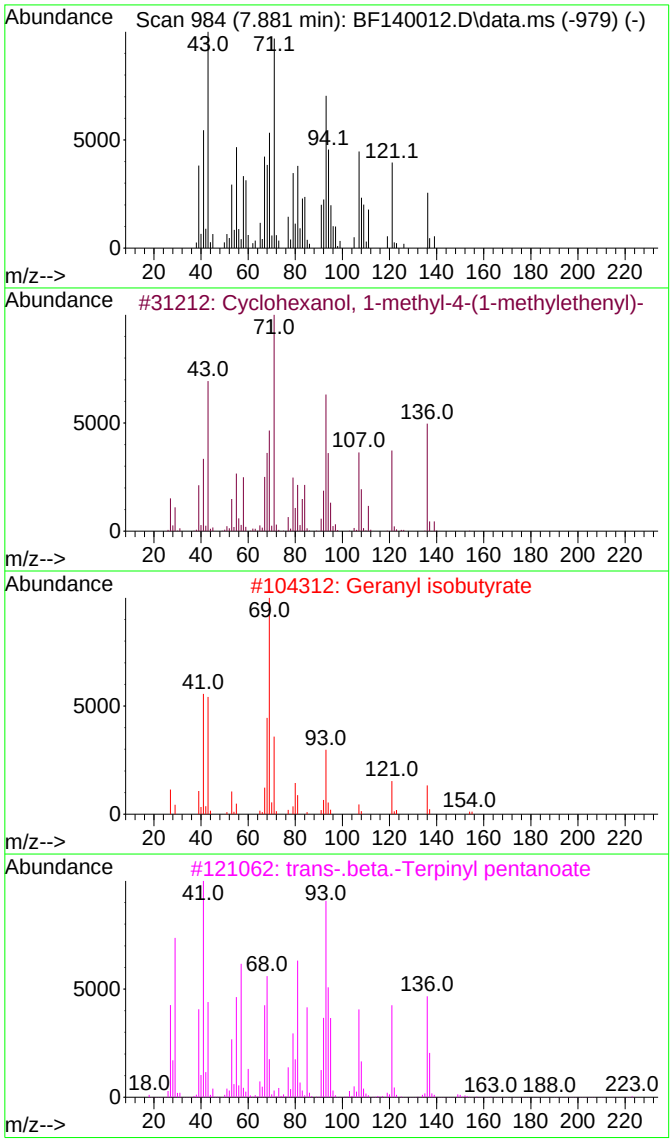
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

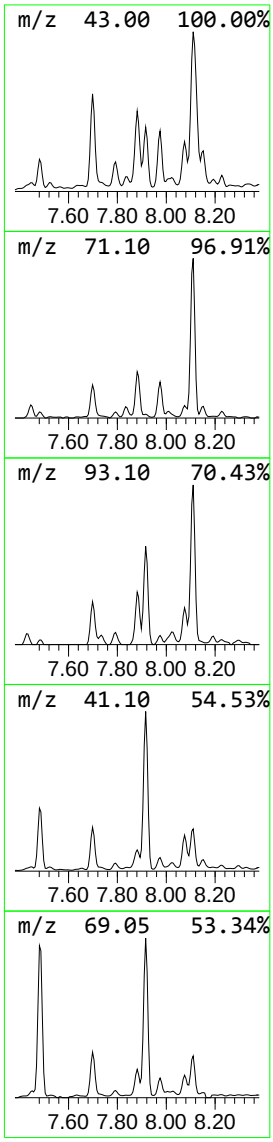
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.881	4.61 ng	158557	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	87
2	Geranyl isobutyrate	224	C14H24O2	002345-26-8	38
3	trans-.beta.-Terpinyl pentanoate	238	C15H26O2	093836-53-4	35
4	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	27
5	Camphene	136	C10H16	000079-92-5	27





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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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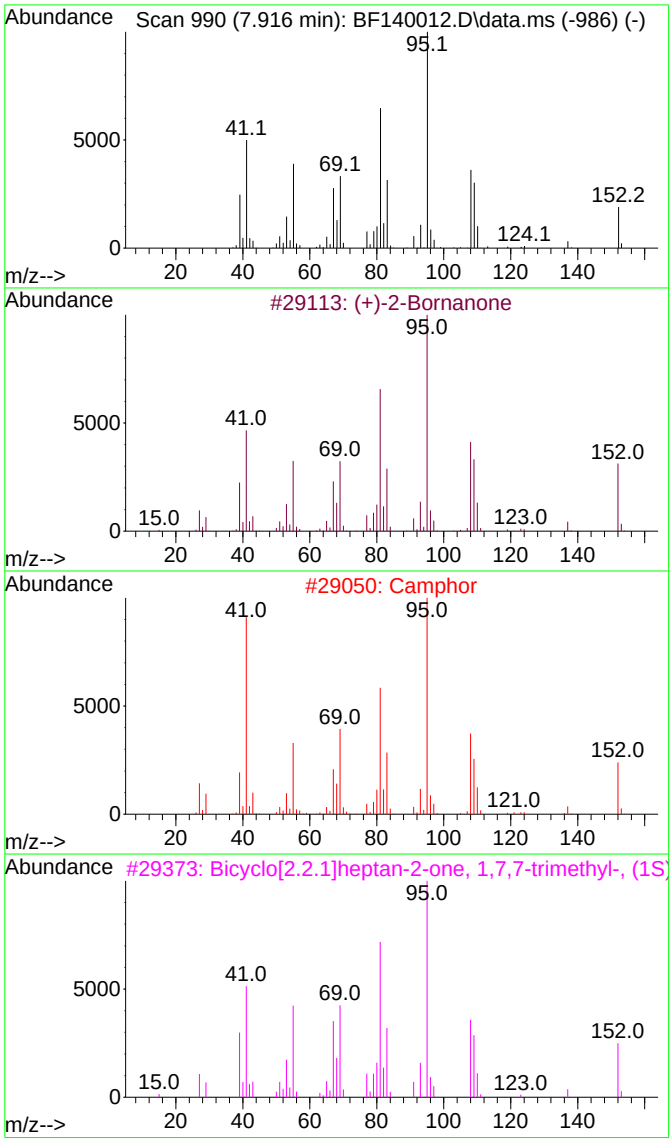
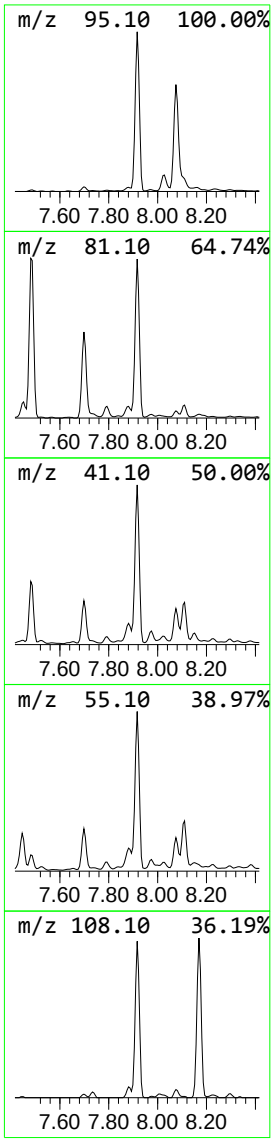
Peak Number 8 (+)-2-Bornanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	18.59 ng	639206	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	58
5	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	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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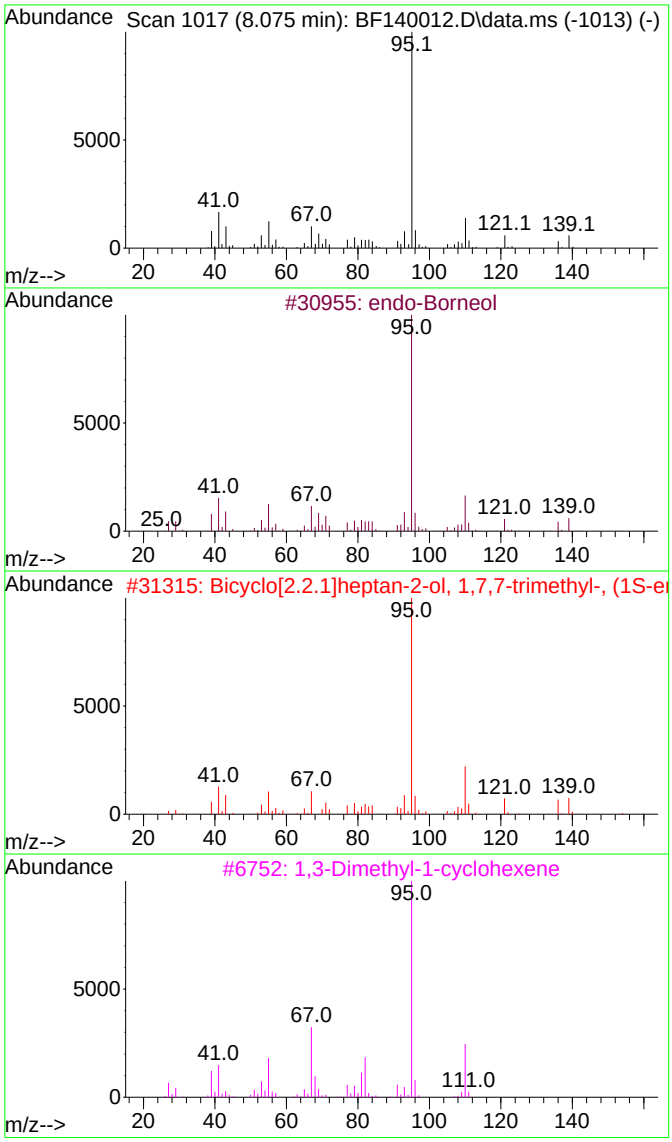
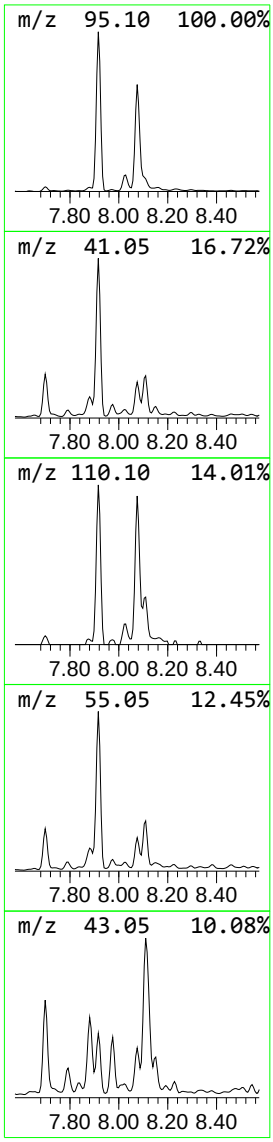
Peak Number 9 endo-Borneol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	6.22 ng	213849	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	90
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
4	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	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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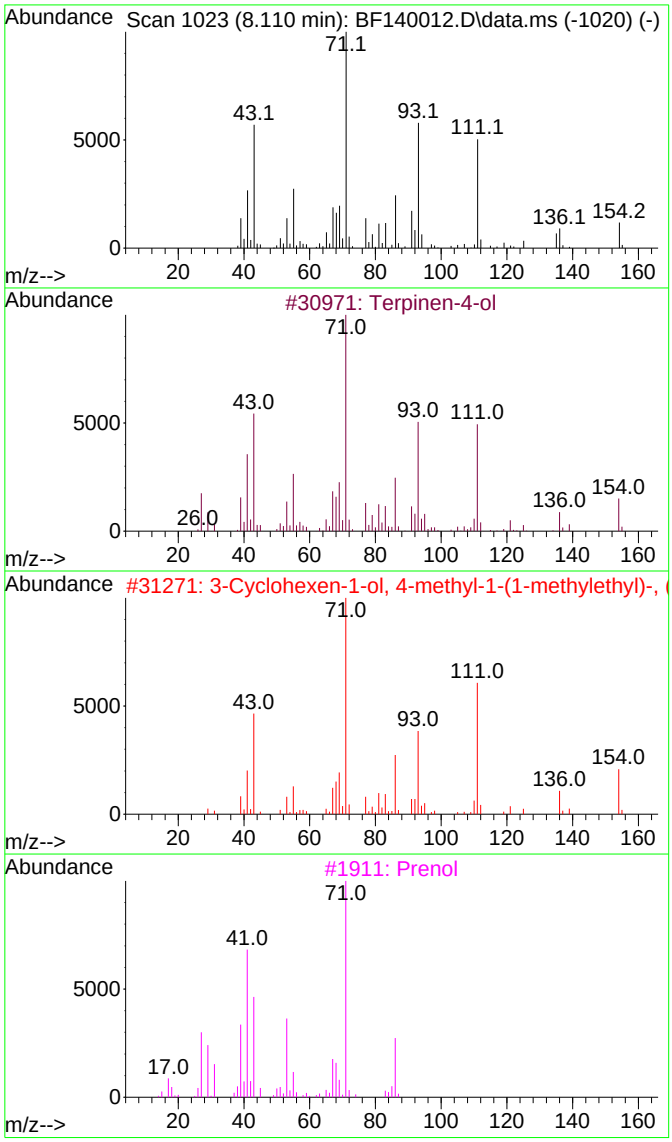
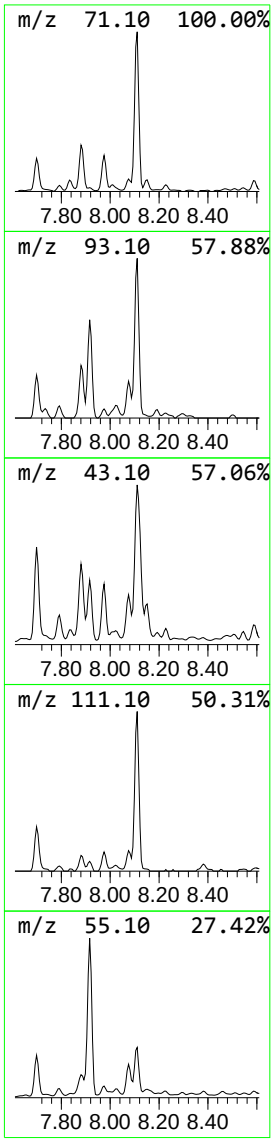
Peak Number 10 Terpinen-4-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	8.59 ng	295415	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	94
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	87
3	Prenol	86	C5H10O	000556-82-1	38
4	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	35
5	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	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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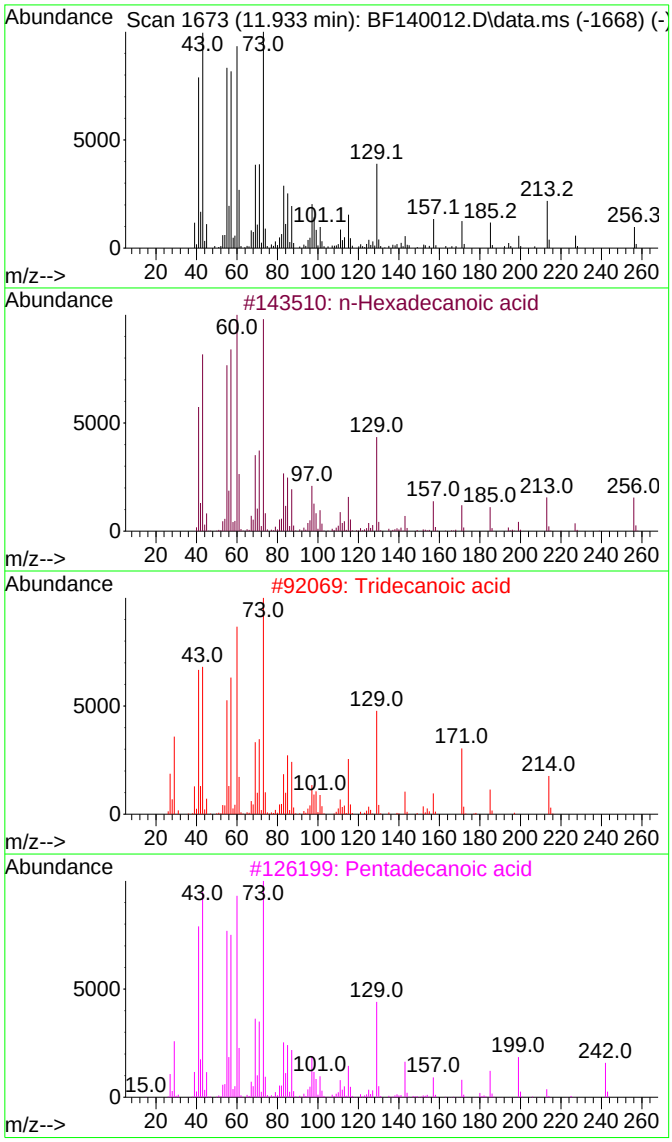
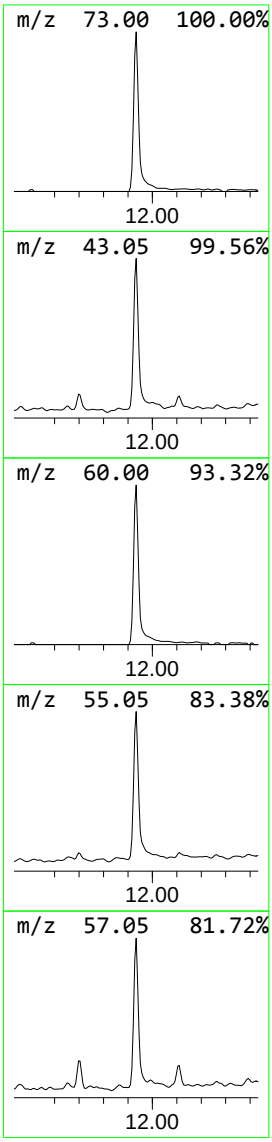
Peak Number 11 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	11.40 ng	333513	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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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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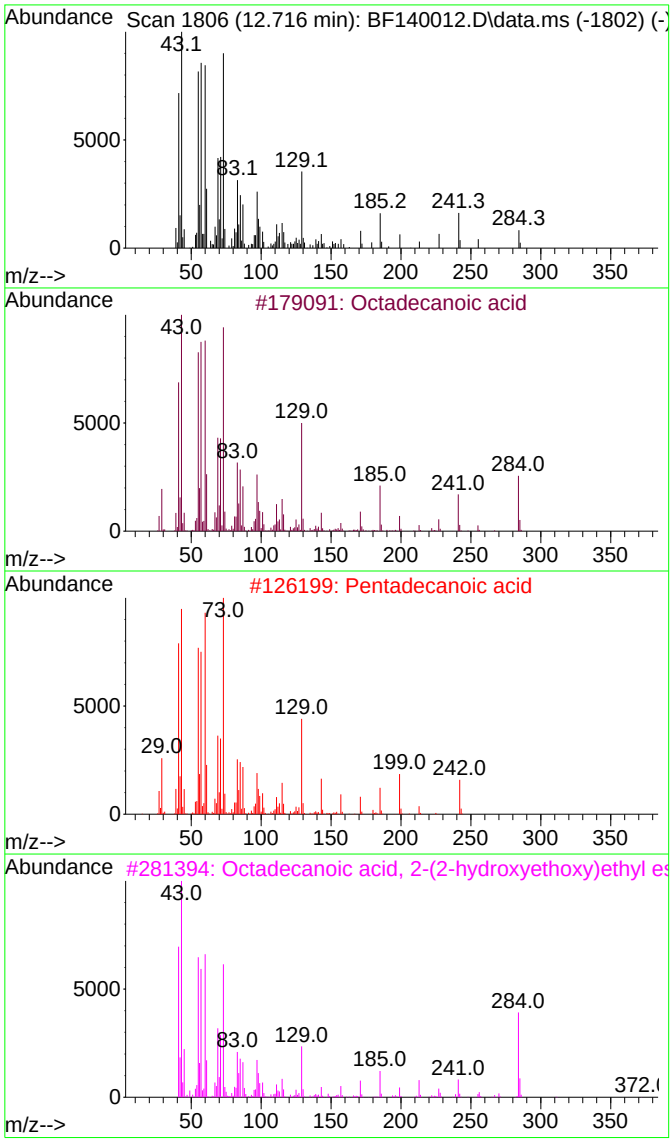
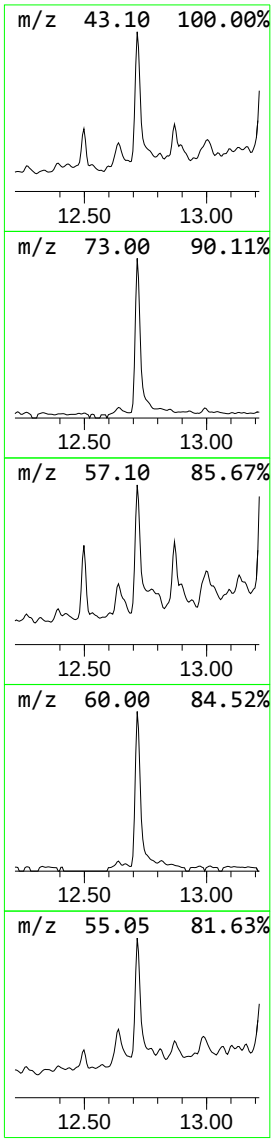
Peak Number 12 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	4.96 ng	144960	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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

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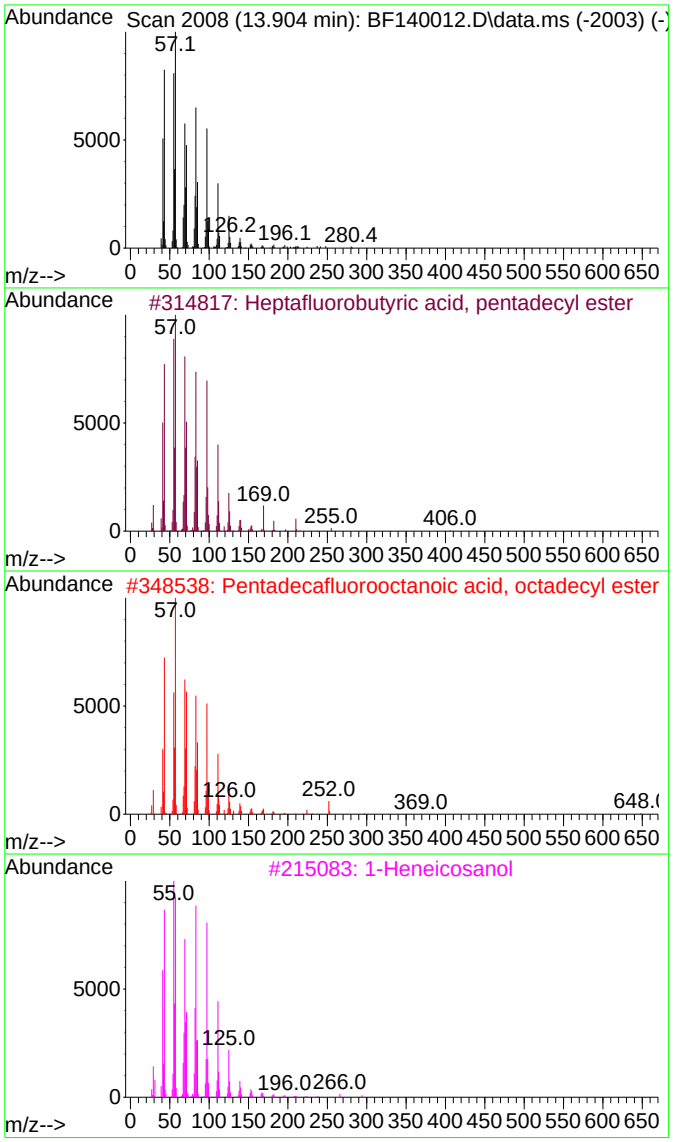
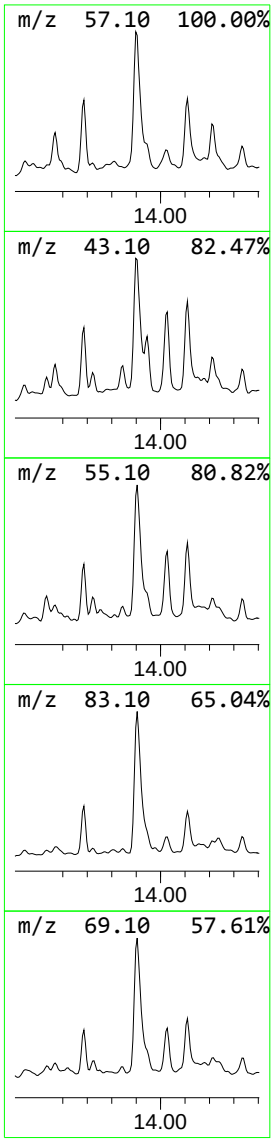
Peak Number 13 Heptafluorobutyric acid, pe... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	6.48 ng	367618	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91





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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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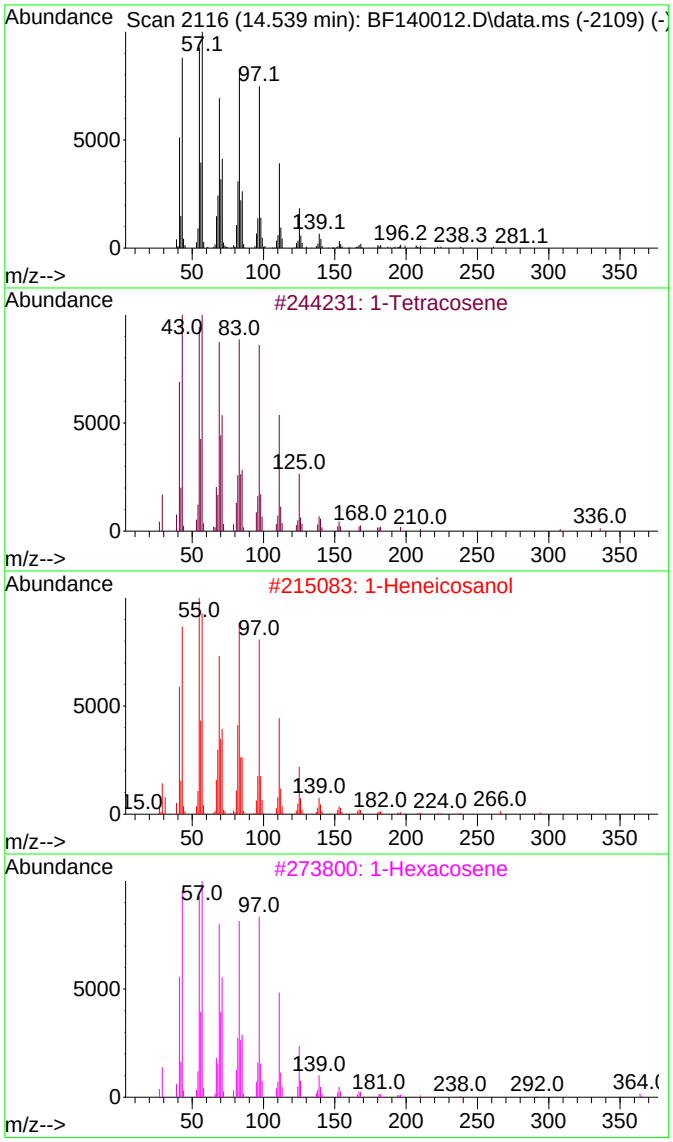
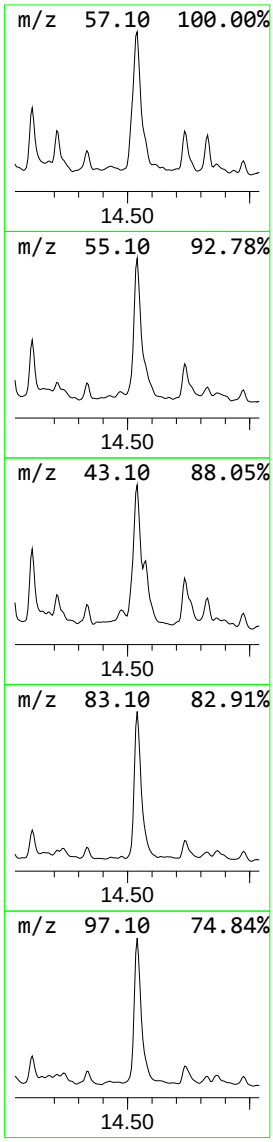
Peak Number 14 1-Tetracosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	13.80 ng	782640	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Octacosanol	410	C28H58O	000557-61-9	91





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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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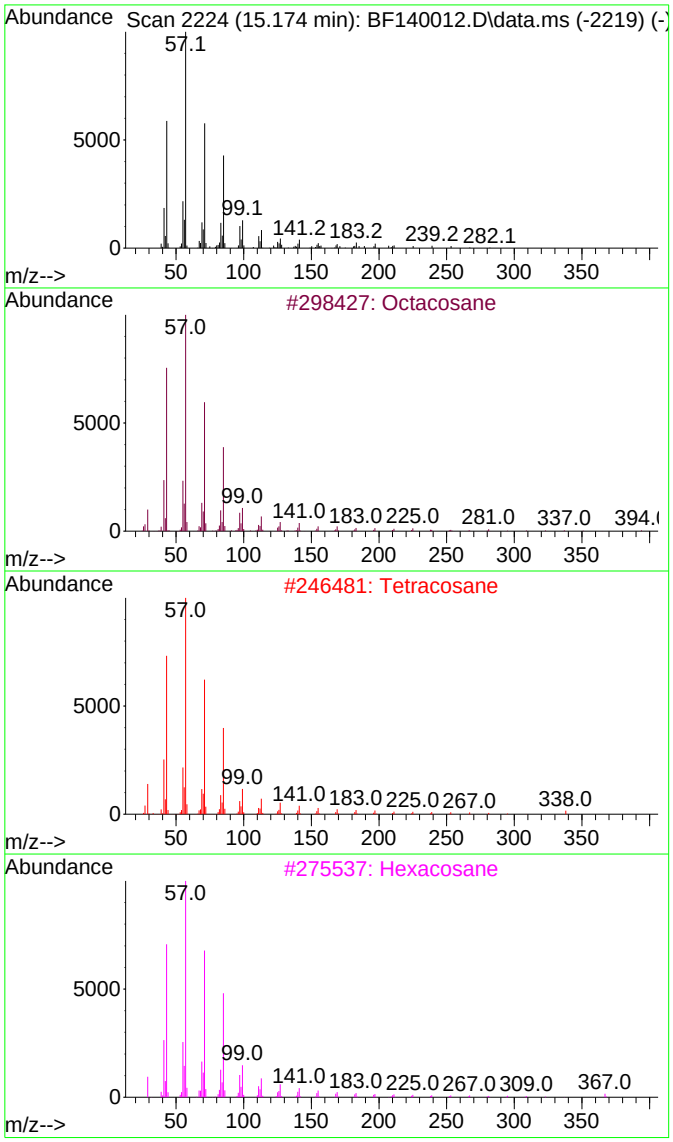
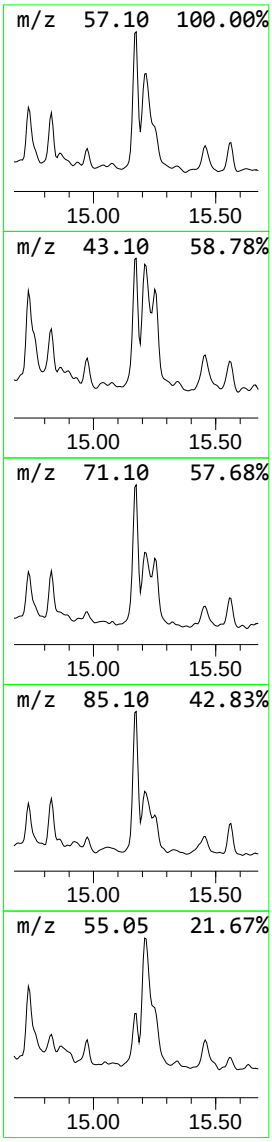
Peak Number 15 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	4.42 ng	122168	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane	310	C22H46	000629-97-0	87





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

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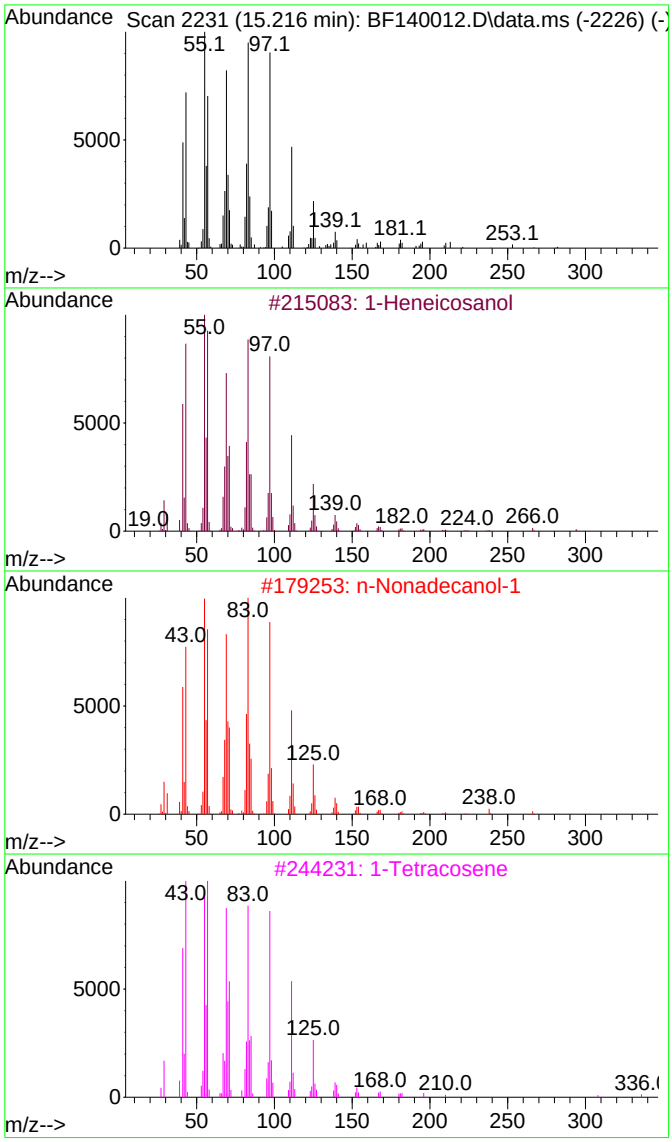
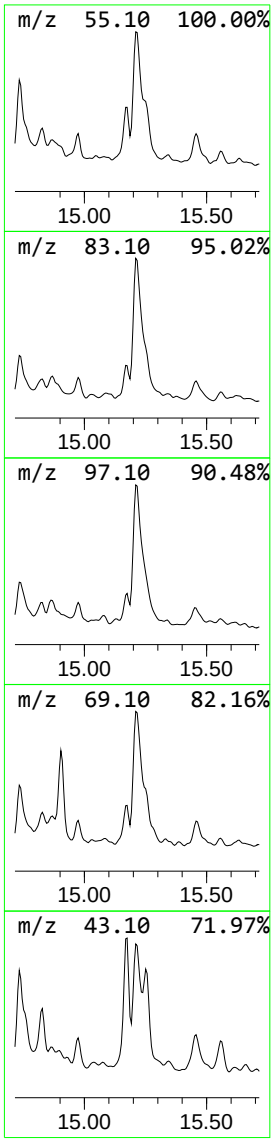
Peak Number 16 1-Heneicosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	6.42 ng	177636	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Tetracosene	336	C24H48	010192-32-2	91
4	Eicosyl methyl ether	312	C21H44O	1000406-29-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	81





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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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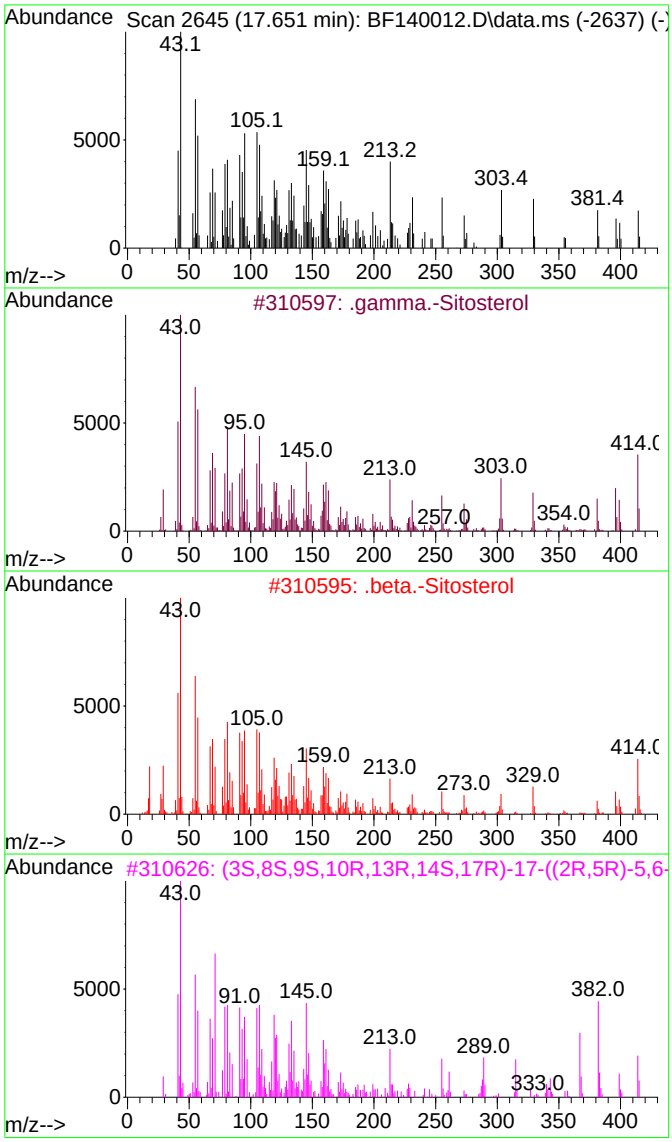
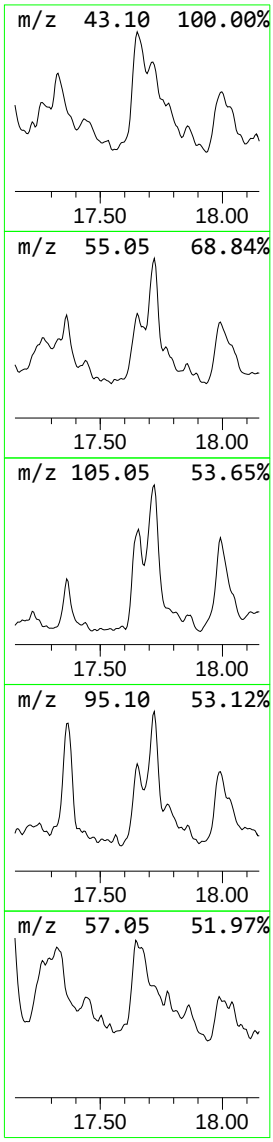
Peak Number 17 .gamma.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	8.55 ng	236537	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	58
4	Campesterol	400	C28H48O	000474-62-4	53
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	290299-12-6	53





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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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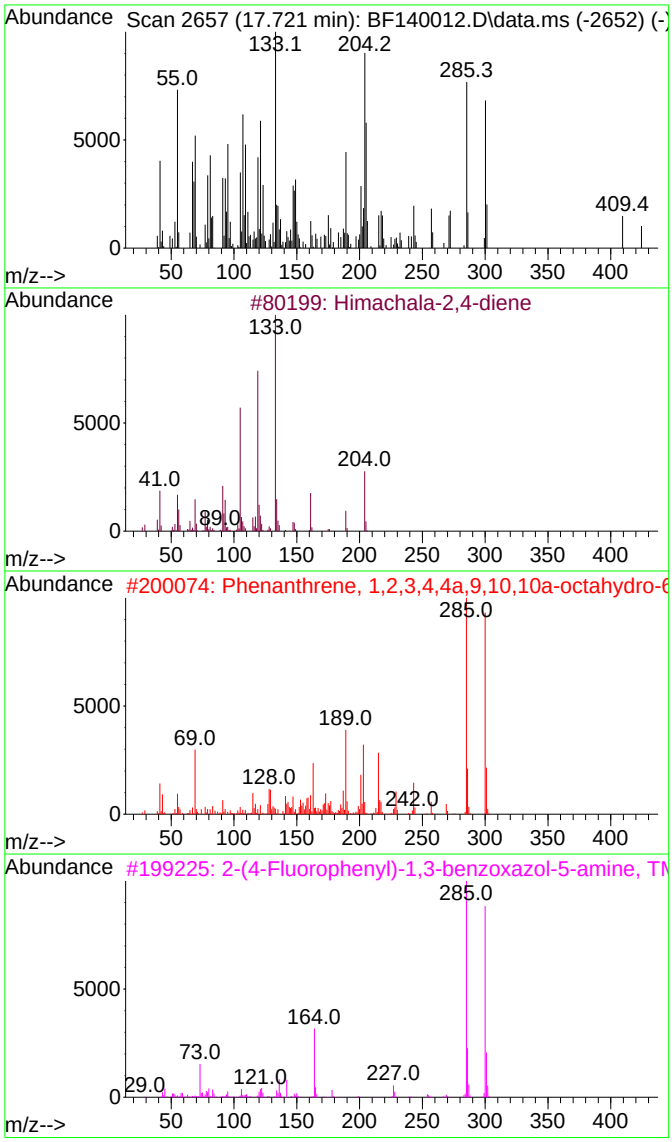
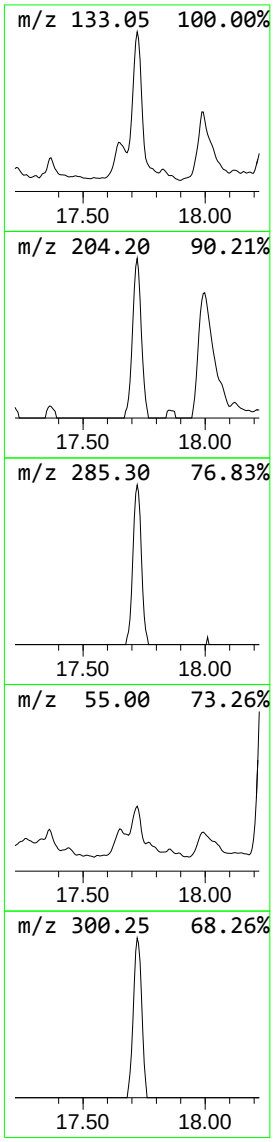
Peak Number 18 unknown17.721 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.721	14.36 ng	397302	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Himachala-2,4-diene	204	C15H24	060909-27-5	38
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	38
3	2-(4-Fluorophenyl)-1,3-benzoxazo...	300	C16H17FN2OSi	1000479-98-9	35
4	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	30
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	30





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Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

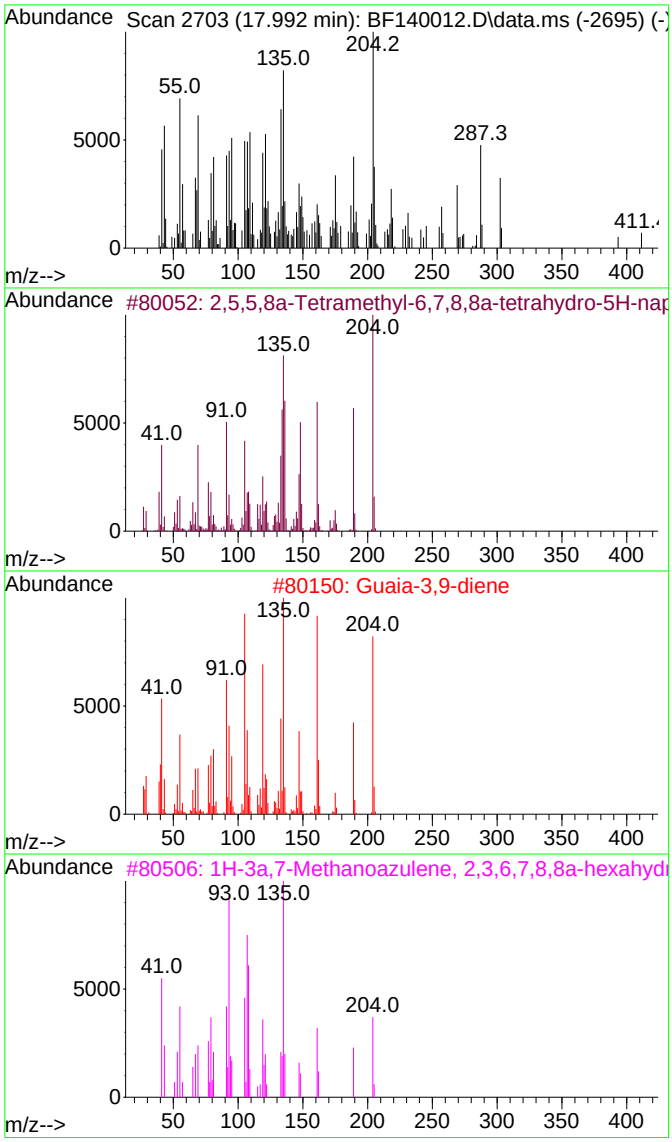
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

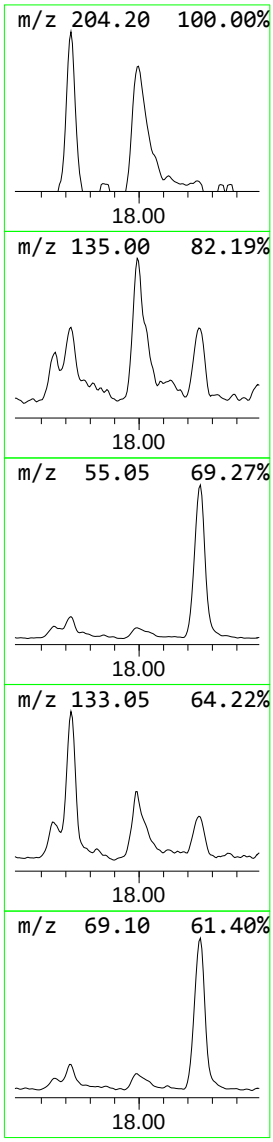
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,5,5,8a-Tetramethyl-6,7,8,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	12.02 ng	332502	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	55
2	Guaia-3,9-diene	204	C15H24	000489-83-8	52
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49
4	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	47
5	Farnesyl bromide	284	C15H25Br	006874-67-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

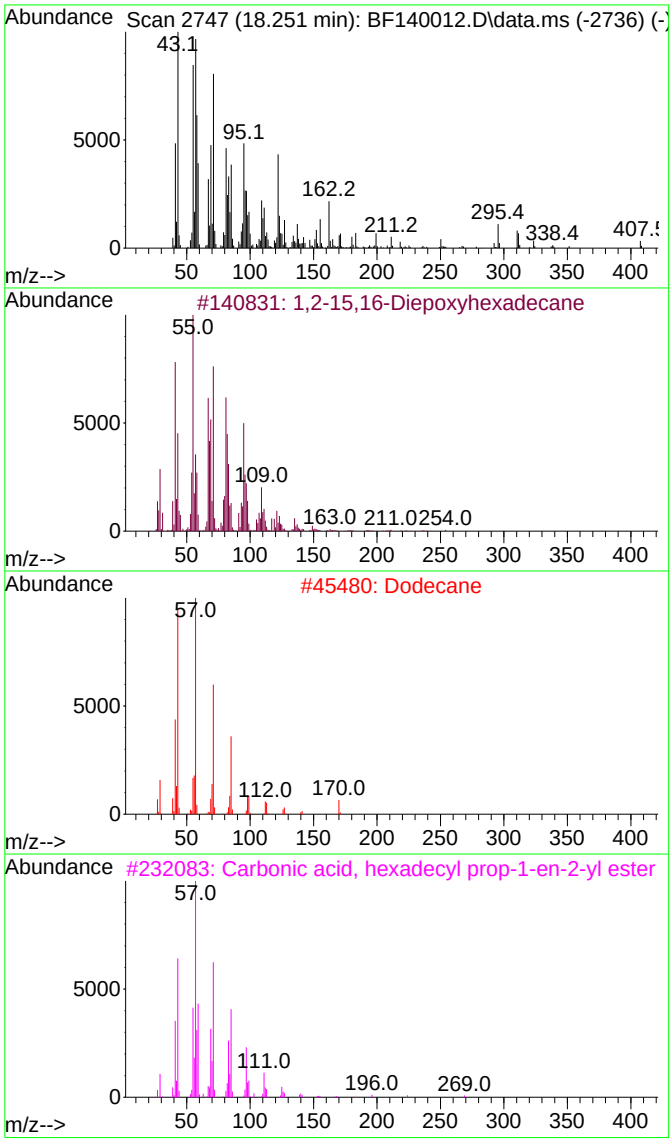
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

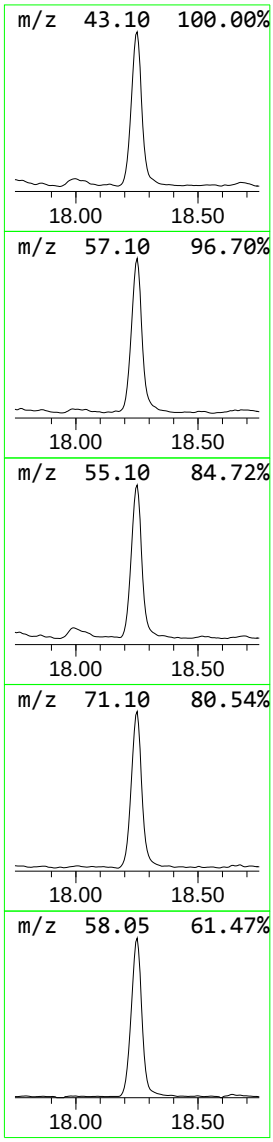
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,2-15,16-Diepoxyhexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	61.71 ng	1707000	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	55
2	Dodecane	170	C12H26	000112-40-3	51
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	46
4	2-Pentadecanone, 6,10,14-trimethyl-	268	C18H36O	000502-69-2	42
5	1-Cyclohexanol, 4-tert.butyl-1-m...	170	C11H22O	1010163-45-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140012.D
Acq On : 24 Oct 2024 20:36
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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...	2.181	47.6	ng	1284020	1	6.887	538925	20.0
2-Pentanone, 4-...	5.110	4.5	ng	120178	1	6.887	538925	20.0
.alpha.-Pinene	6.181	106.0	ng	2855260	1	6.887	538925	20.0
Camphene	6.340	5.9	ng	158509	1	6.887	538925	20.0
p-Cymene	6.963	15.0	ng	403496	1	6.887	538925	20.0
Fenchol	7.698	7.1	ng	245182	2	8.169	687601	20.0
Cyclohexanol, 1...	7.881	4.6	ng	158557	2	8.169	687601	20.0
(+)-2-Bornanone	7.916	18.6	ng	639206	2	8.169	687601	20.0
endo-Borneol	8.075	6.2	ng	213849	2	8.169	687601	20.0
Terpinen-4-ol	8.110	8.6	ng	295415	2	8.169	687601	20.0
n-Hexadecanoic ...	11.933	11.4	ng	333513	4	11.410	585048	20.0
Octadecanoic acid	12.716	5.0	ng	144960	4	11.410	585048	20.0
Heptafluorobuty...	13.904	6.5	ng	367618	5	14.045	1134550	20.0
1-Tetracosene	14.539	13.8	ng	782640	5	14.045	1134550	20.0
Octacosane	15.174	4.4	ng	122168	6	15.527	553199	20.0
1-Heneicosanol	15.216	6.4	ng	177636	6	15.527	553199	20.0
.gamma.-Sitosterol	17.651	8.6	ng	236537	6	15.527	553199	20.0
unknown17.721	17.721	14.4	ng	397302	6	15.527	553199	20.0
2,5,5,8a-Tetram...	17.992	12.0	ng	332502	6	15.527	553199	20.0
1,2-15,16-Diepo...	18.251	61.7	ng	1707000	6	15.527	553199	20.0