LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IB-1

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: BF139912.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	8	16	30	rVB	1914945	3169406	89.57%	7.122%
2	3.998	315	324	332	rBV	34714	59753	1.69%	0.134%
3	5.116	505	514	521	rVB	175917	269195	7.61%	0.605%
4	5.510	574	581	586	rBV	2562778	3538425	100.00%	7.951%
5	6.439	733	739	744	rBV3	30878	61483	1.74%	0.138%
6	6.510	744	751	759	rBV	2469834	3521033	99.51%	7.912%
7	6.751	785	792	796	rBV6	16767	36731	1.04%	0.083%
8	6.857	796	810	811	rBV3	31871	83891	2.37%	0.189%
9	6.892	811	816	821	rVB	726034	894279	25.27%	2.010%
10	6.969	821	829	832	rBV2	67508	155210	4.39%	0.349%
11	7.004	832	835	838	rVV2	58563	82049	2.32%	0.184%
12	7.039	838	841	844	rVV	50234	65268	1.84%	0.147%
13	7.163	852	862	866	rVB5	49504	123557	3.49%	0.278%
14	7.286	877	883	886	rBV4	50083	86970	2.46%	0.195%
15	7.316	886	888	894	rVB3	38661	56478	1.60%	0.127%
16	7.451	901	911	920	rBV	1585388	2351285	66.45%	5.284%
17	7.534	920	925	929	rVB3	125316	182185	5.15%	0.409%
18	7.581	929	933	937	rBV3	50110	87201	2.46%	0.196%
19	7.698	949	953	961	rVB3	192273	285587	8.07%	0.642%
20	7.775	962	966	970	rBV3	84334	157558	4.45%	0.354%
21	7.816	970	973	978	rVB5	120778	169285	4.78%	0.380%
22	7.992	999	1003	1008	rBV5	92679	162231	4.58%	0.365%
23	8.045	1008	1012	1015	rBV2	102624	155215	4.39%	0.349%
24	8.175	1028	1034	1040	rBV	821708	1180115	33.35%	2.652%
25	8.263	1046	1049	1056	rVB4	122302	175093	4.95%	0.393%
26	8.328	1056	1060	1062	rBV	105790	152861	4.32%	0.344%
27	8.375	1065	1068	1073	rVB3	201287	301325	8.52%	0.677%
28	8.463	1079	1083	1087	rVB4	188686	247100	6.98%	0.555%
29	8.557	1096	1099	1102	rVB3	105189	113202	3.20%	0.254%
30	8.592	1102	1105	1116	rVB	522970	1012707	28.62%	2.276%
31	8.681	1117	1120	1123	rBV2	133449	179023	5.06%	0.402%
32	8.722	1123	1127	1132	rBV5	138139	291404	8.24%	0.655%
33	8.922	1158	1161	1163	rBV2	119642	129977	3.67%	0.292%
34	8.963	1164	1168	1171	rBV5	137864	274778	7.77%	0.617%
35	9.080	1186	1188	1192	rVB4	134467	139702	3.95%	0.314%
36	9.192	1204	1207	1212	rVV	697322	909311	25.70%	2.043%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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	9.245	1212	1216	1221	rVB	2119142	2684343	75.86%	6.032%
38	9.333	1226	1231	1235	rBV5	358959	624972	17.66%	1.404%
39	9.651	1280	1285	1289	rBV3	901055	1203112	34.00%	2.704%
40	9.798	1306	1310	1314	rBV4	228717	371308	10.49%	0.834%
41	9.927	1328	1332	1336	rVB	790566	1016848	28.74%	2.285%
42	10.033	1347	1350	1354	rVB	258745	329845	9.32%	0.741%
43	10.127	1363	1366	1370	rVB2	315597	421596	11.91%	0.947%
44	10.245	1383	1386	1389	rBV2	275743	413286	11.68%	0.929%
45	10.580	1439	1443	1448	rVB	805933	1213902	34.31%	2.728%
46	10.716	1462	1466	1470	rVB	1279424	1522988	43.04%	3.422%
47	10.845	1484	1488	1495	rVB	1383590	1943116	54.91%	4.367%
48	11.057	1521	1524	1531	rVB5	319825	428351	12.11%	0.963%
49	11.310	1563	1567	1573	rVB	858853	1290651	36.48%	2.900%
50	11.416	1581	1585	1593	rBV2	761015	1216920	34.39%	2.735%
51	11.939	1671	1674	1680	rVB2	531782	730158	20.64%	1.641%
52	12.063	1692	1695	1702	rVB3	553946	715770	20.23%	1.608%
53	12.163	1709	1712	1718	rVB3	464364	636490	17.99%	1.430%
54	12.274	1728	1731	1739	rVB3	393259	557032	15.74%	1.252%
55	12.468	1761	1764	1767	rBV	143681	166957	4.72%	0.375%
56	12.627	1788	1791	1796	rBV	226454	274319	7.75%	0.616%
57	12.857	1827	1830	1837	rVB2	234780	388487	10.98%	0.873%
58	12.998	1850	1854	1863	rVB	1780797	2441669	69.00%	5.487%
59	13.139	1875	1878	1882	rVB	157711	179042	5.06%	0.402%
60	13.898	2003	2007	2014	rVB2	381935	587766	16.61%	1.321%
61	14.051	2029	2033	2041	rVB2	570485	932876	26.36%	2.096%
62	14.527	2111	2114	2121	rVB	253787	330691	9.35%	0.743%
63	15.180	2222	2225	2236	rVB3	188496	428936	12.12%	0.964%
64	15.533	2281	2285	2297	rVB	342311	588049	16.62%	1.321%

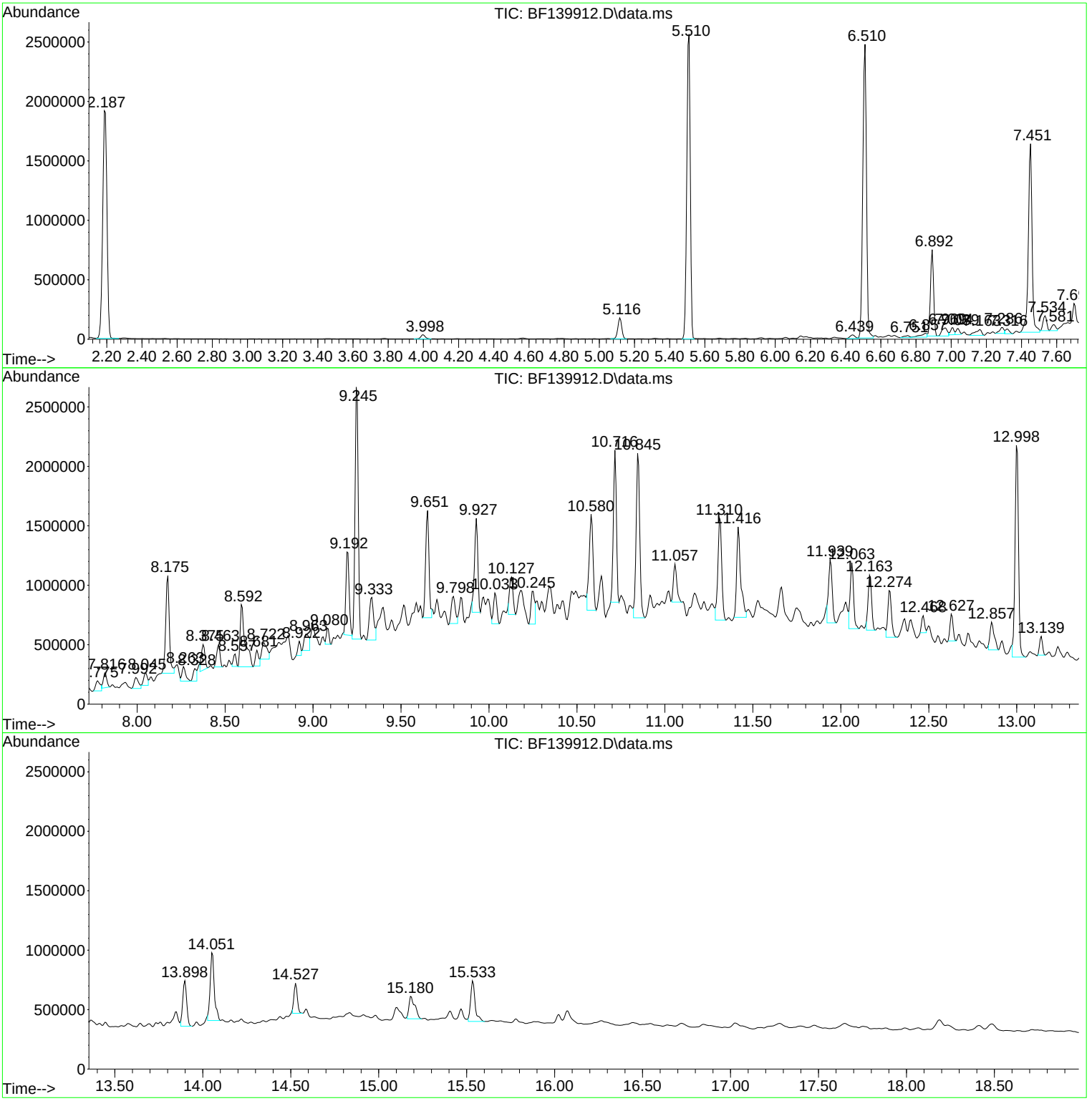
Sum of corrected areas: 44500353

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

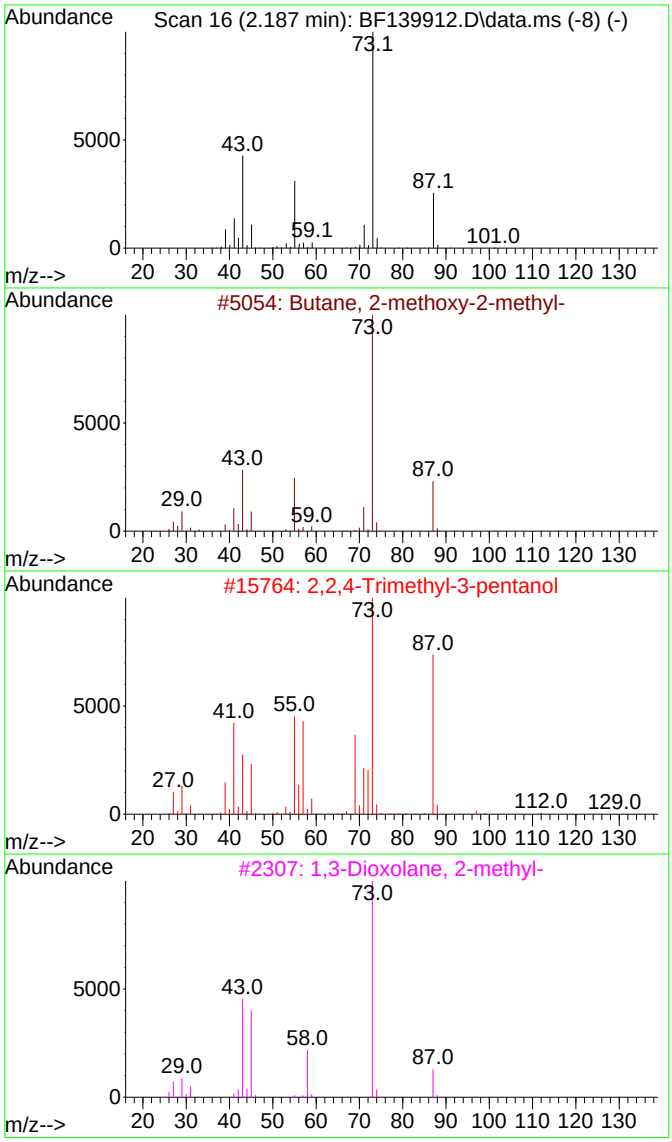
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

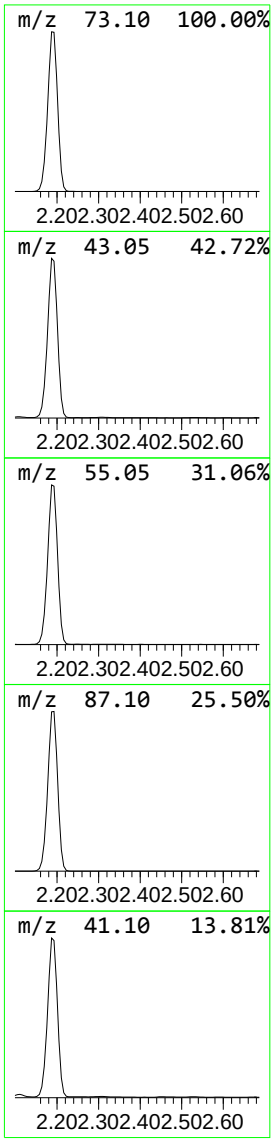
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	70.88 ng	3169410	1,4-Dichlorobenzene-d4	6.892

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

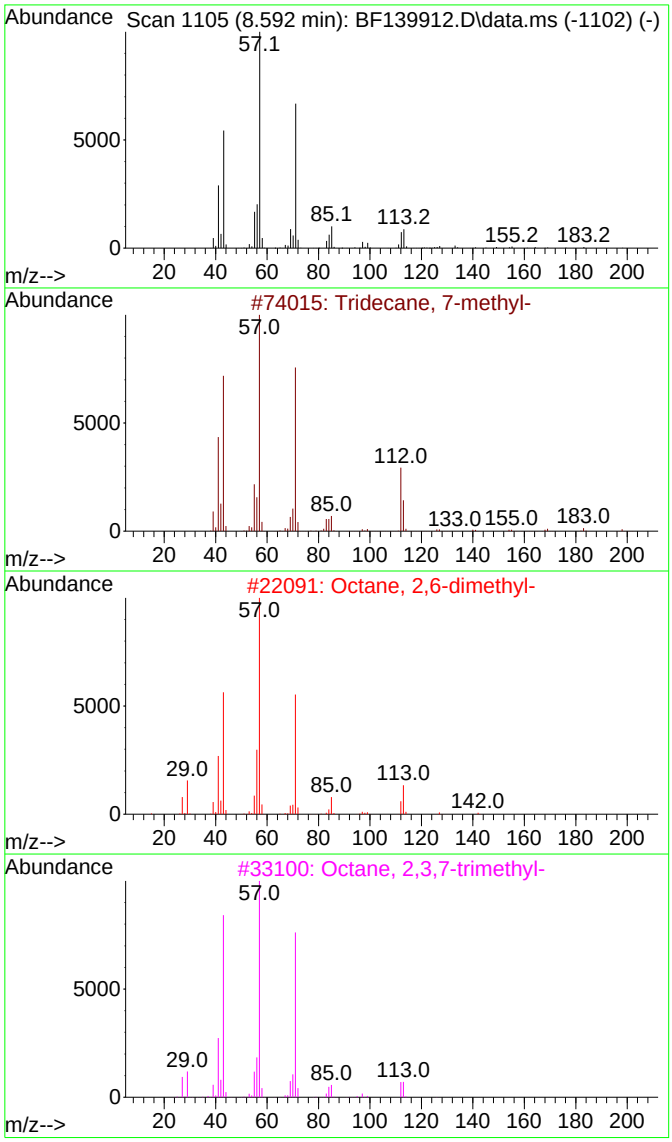
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

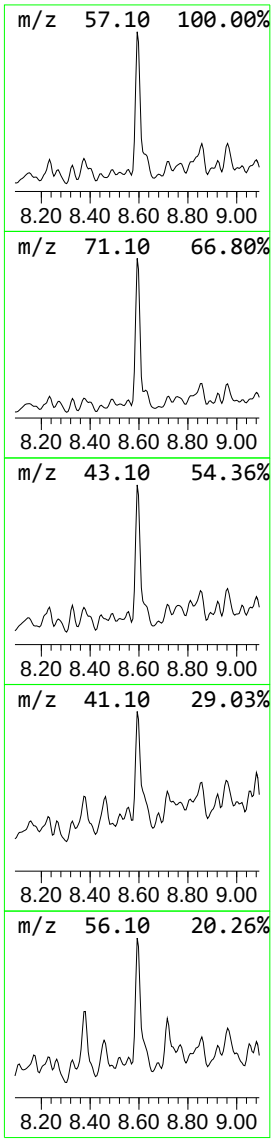
****

Peak Number 2 Tridecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	17.16 ng	1012710	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

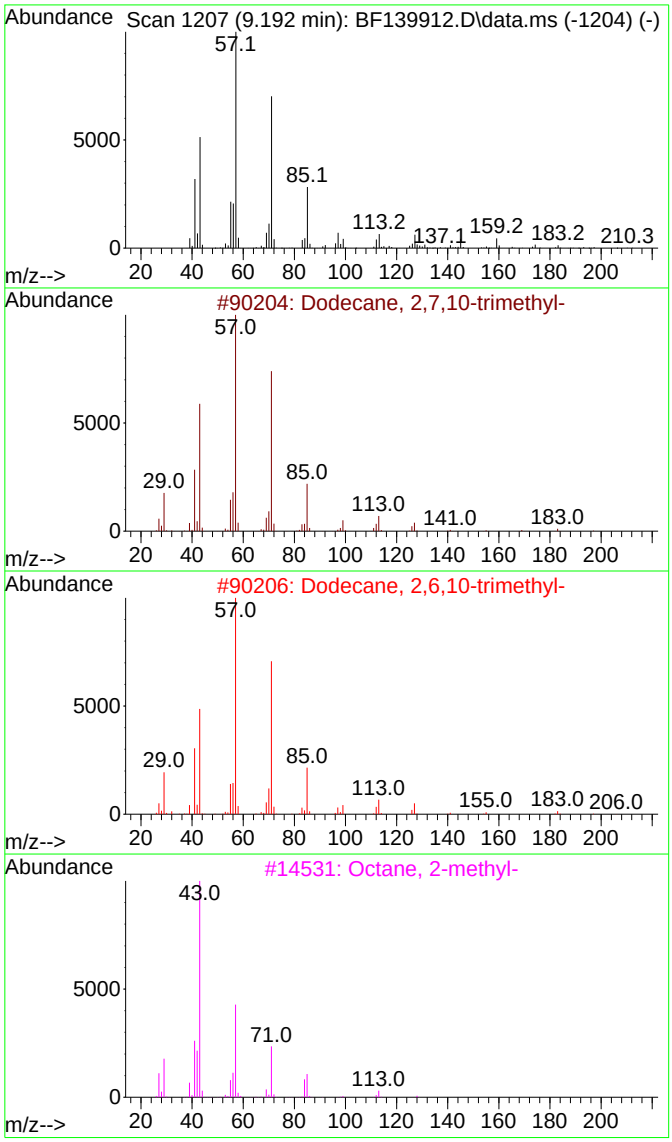
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

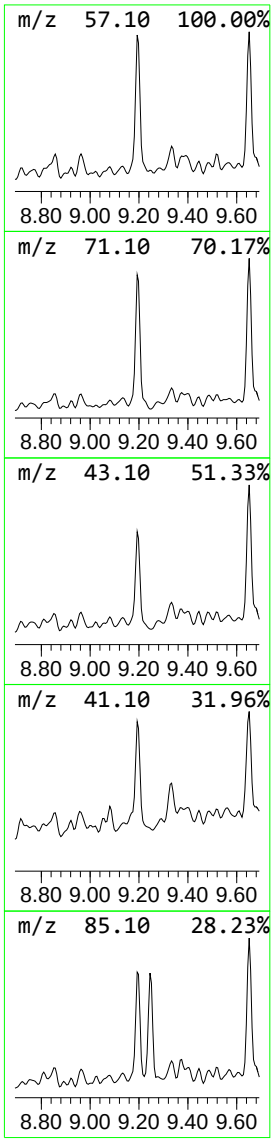
****

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	17.88 ng	909311	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Octane, 2-methyl-	128	C9H20	003221-61-2	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

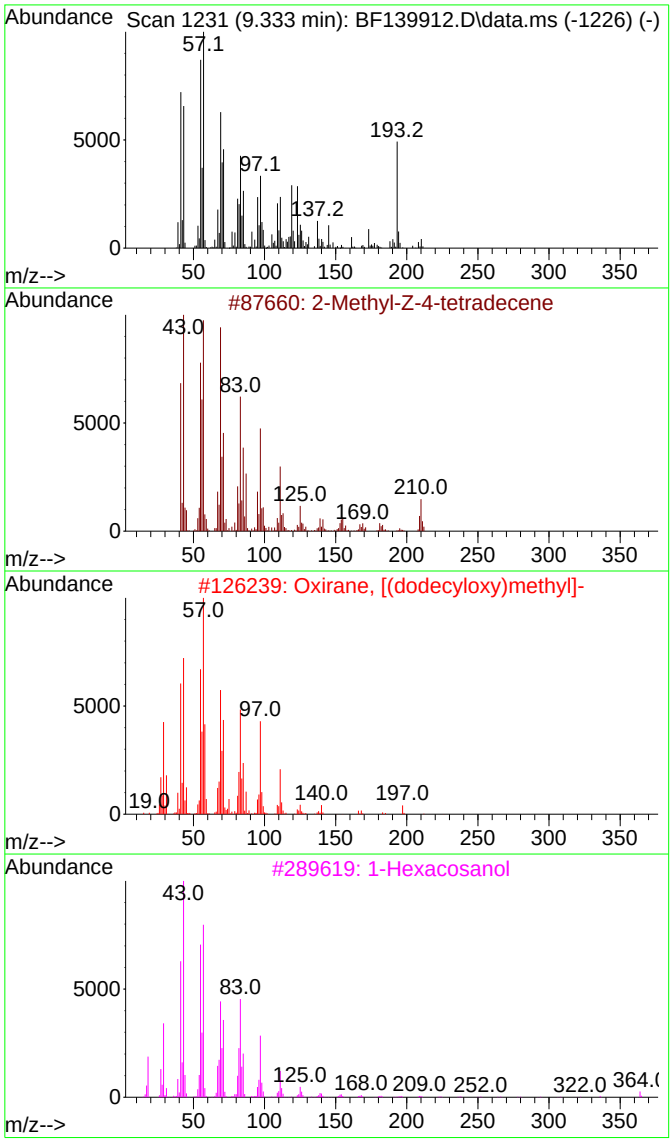
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

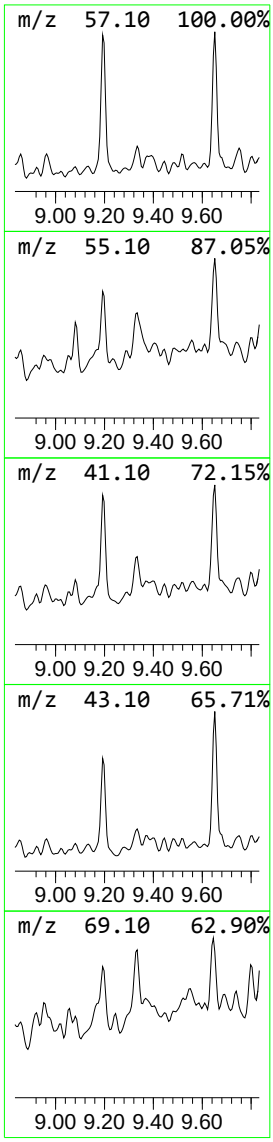
****

Peak Number 4 2-Methyl-Z-4-tetradecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	12.29 ng	624972	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	64
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	45
3	1-Hexacosanol	382	C26H54O	000506-52-5	45
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	43
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

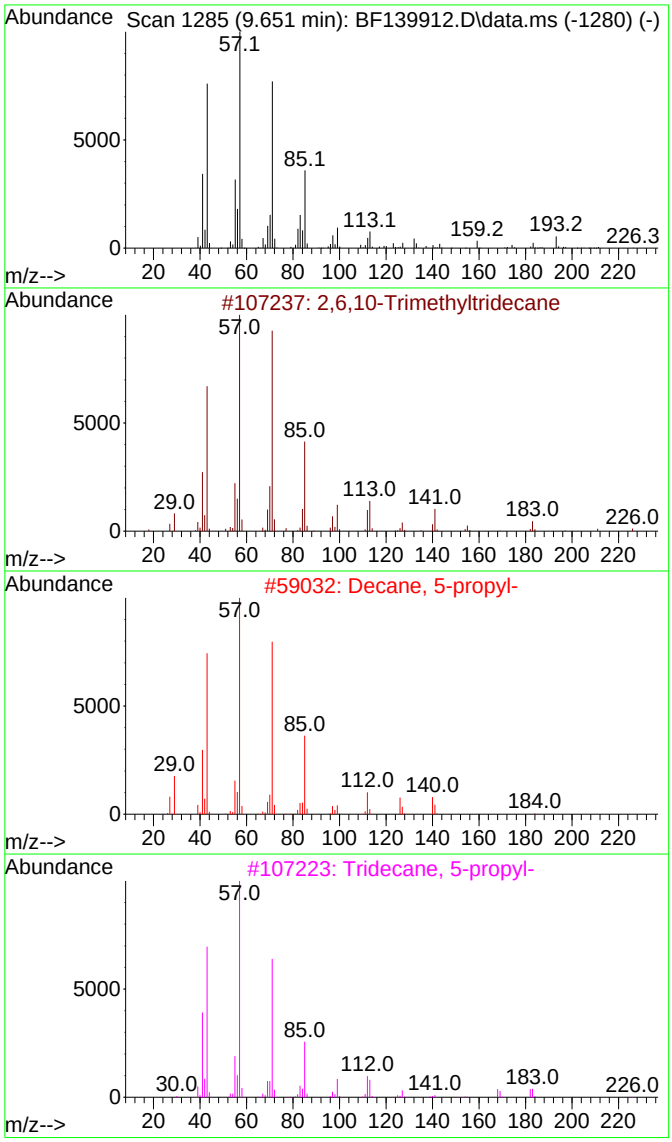
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

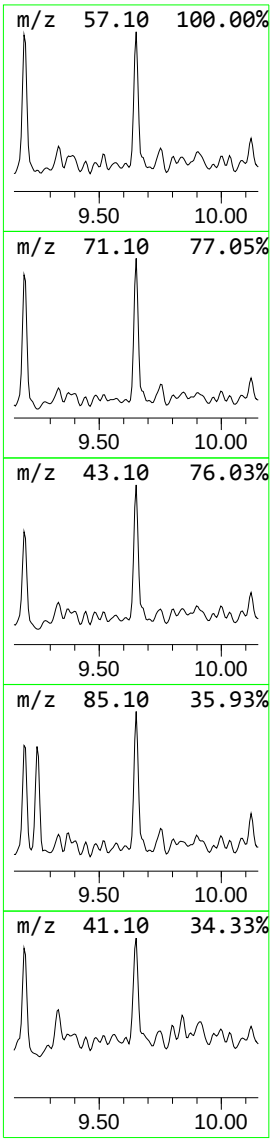
****

Peak Number 5 2,6,10-Trimethyltridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	23.66 ng	1203110	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

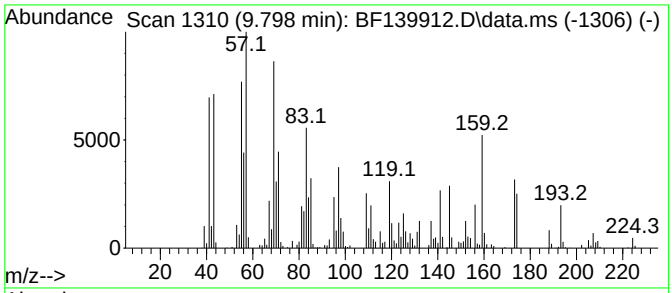
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

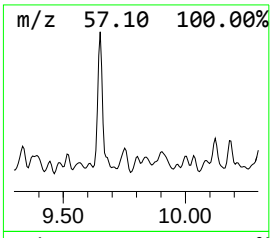
****

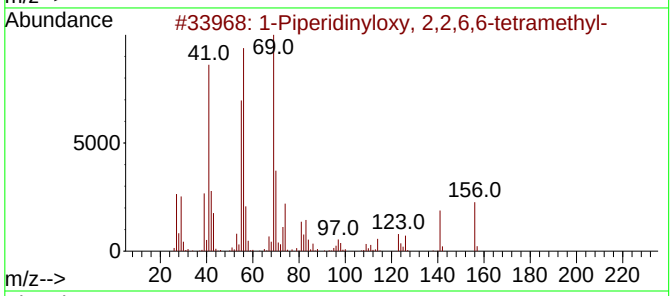
Peak Number 6 unknown9.798 Concentration Rank 17

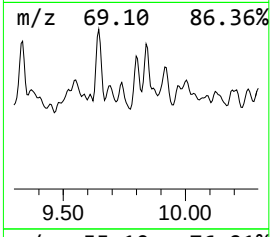
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	7.30 ng	371308	Acenaphthene-d10	9.927

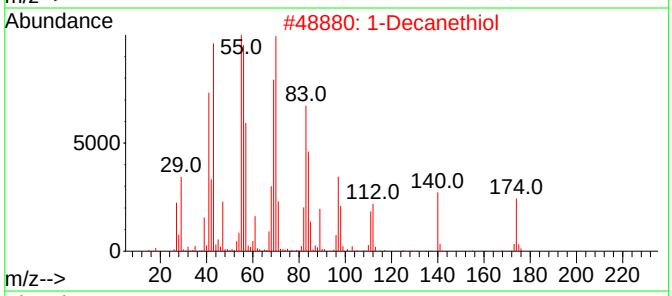
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidinyloxy, 2,2,6,6-tetram...	156	C9H18NO	002564-83-2	38
2	1-Decanethiol	174	C10H22S	000143-10-2	30
3	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	30
4	Trichloroacetic acid, 3-tetradec...	358	C16H29Cl3O2	1000282-06-7	27
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	25

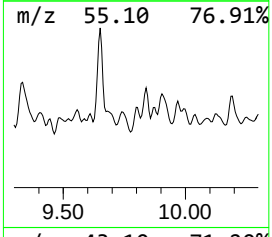


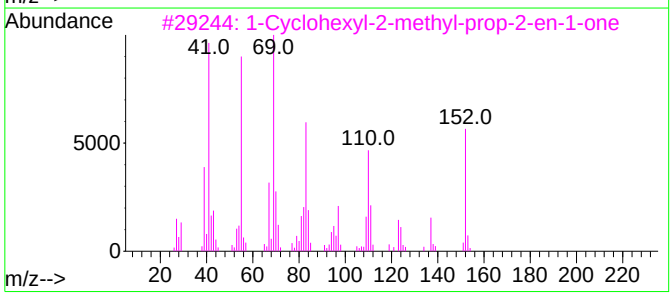


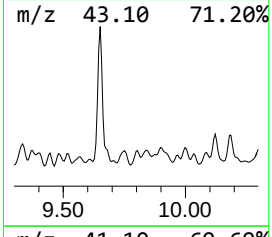


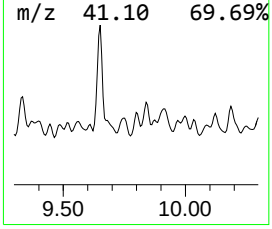












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

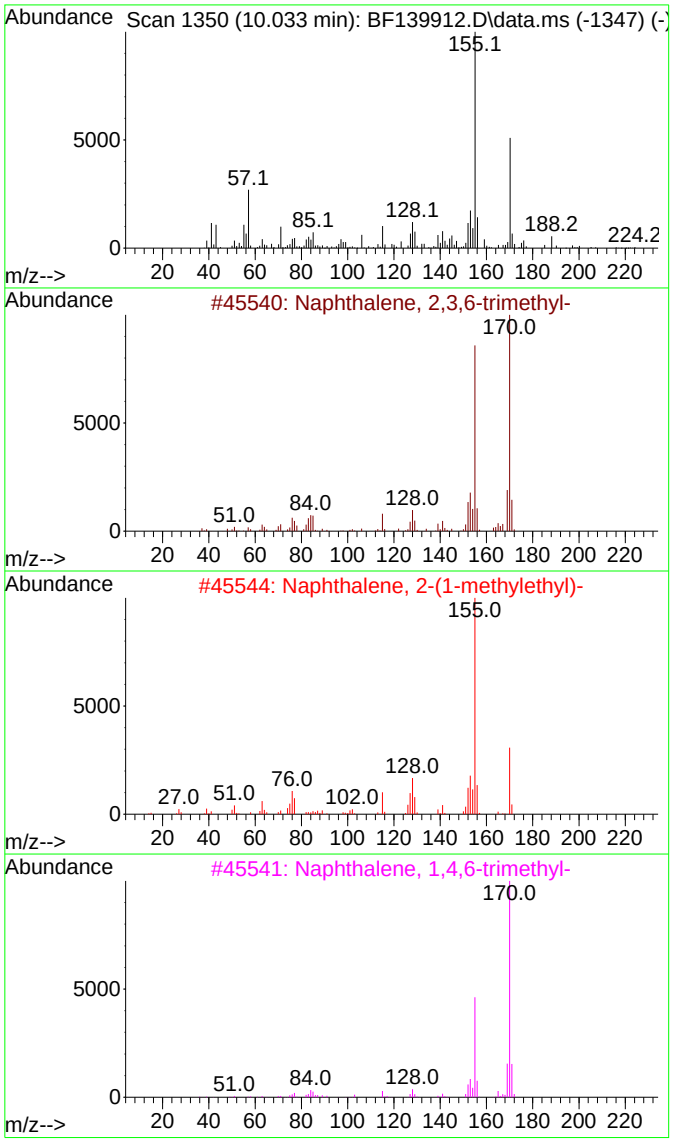
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

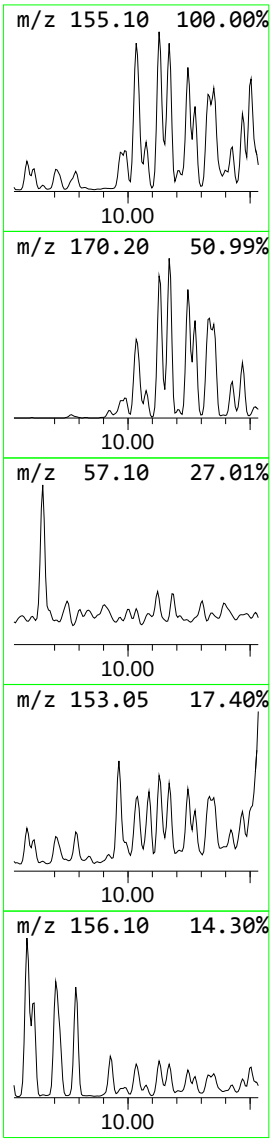
****

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.033	6.49 ng	329845	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

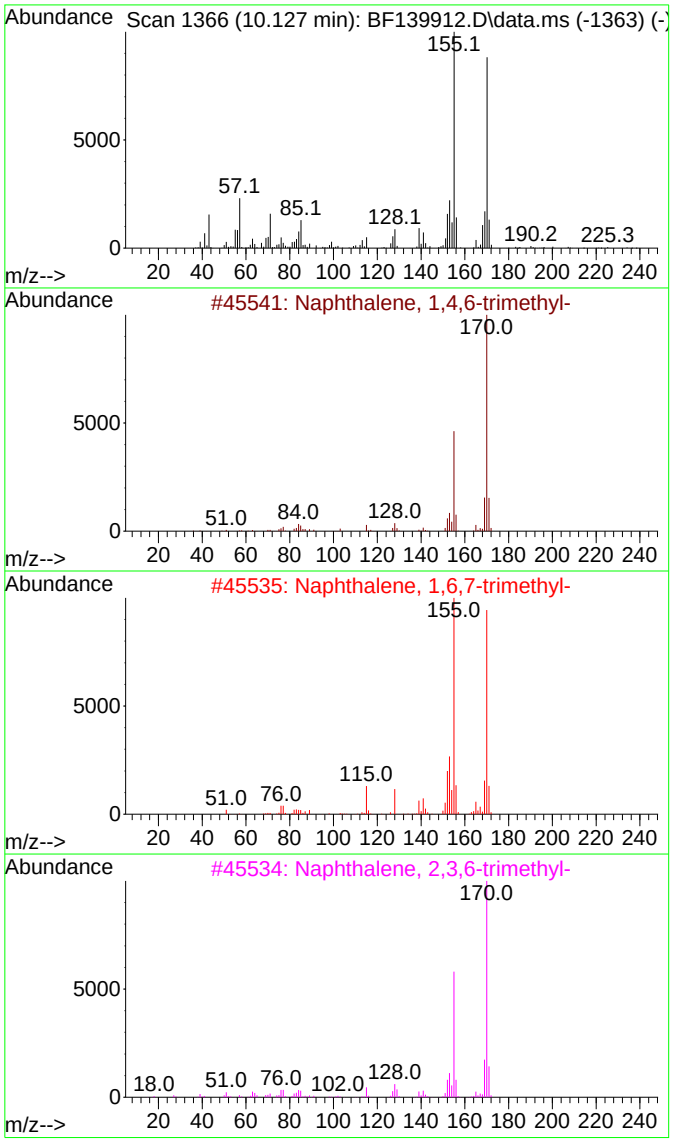
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

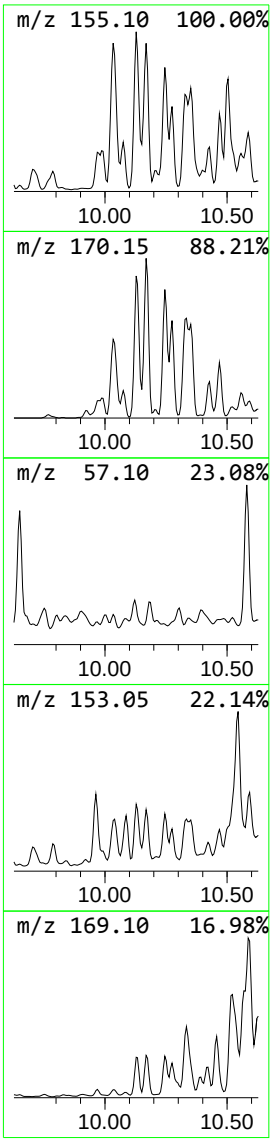
****

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	8.29 ng	421596	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

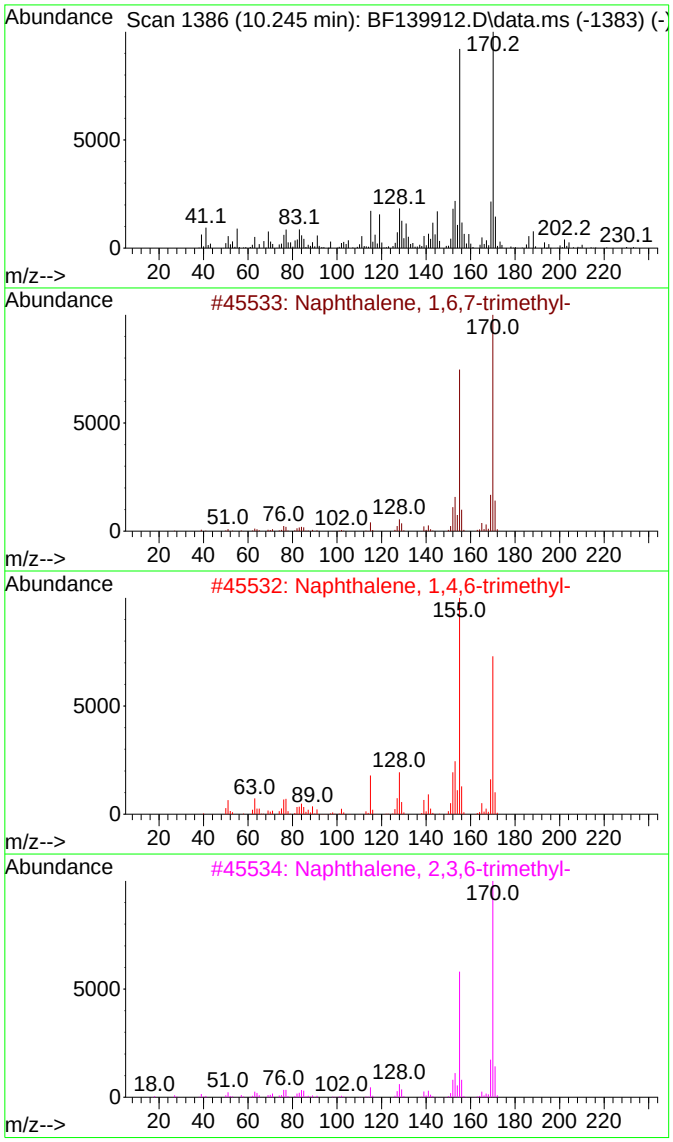
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

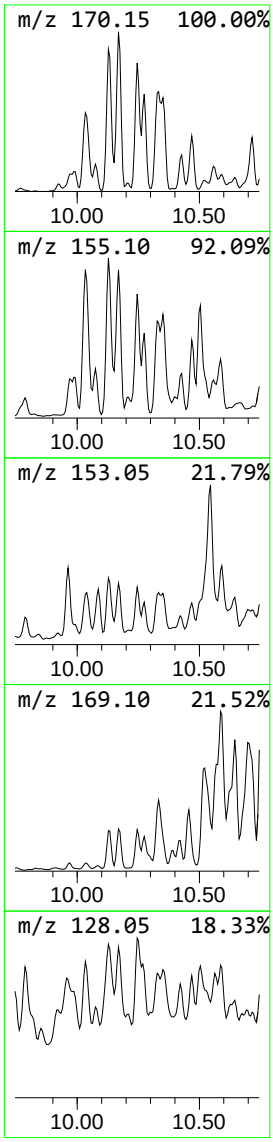
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	8.13 ng	413286	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

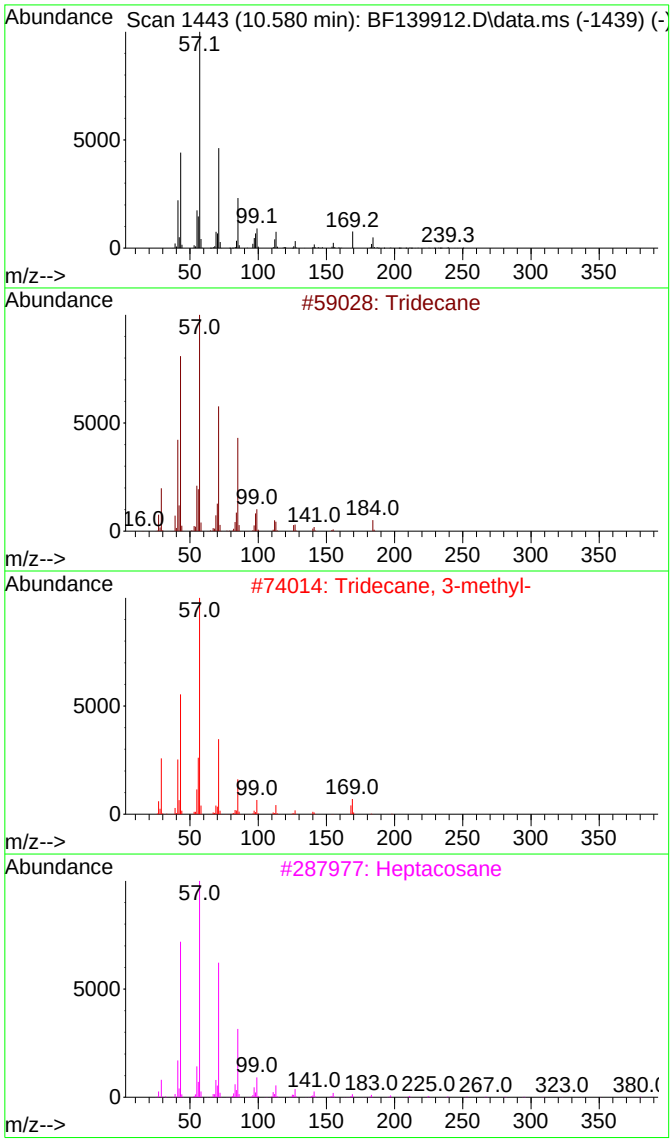
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

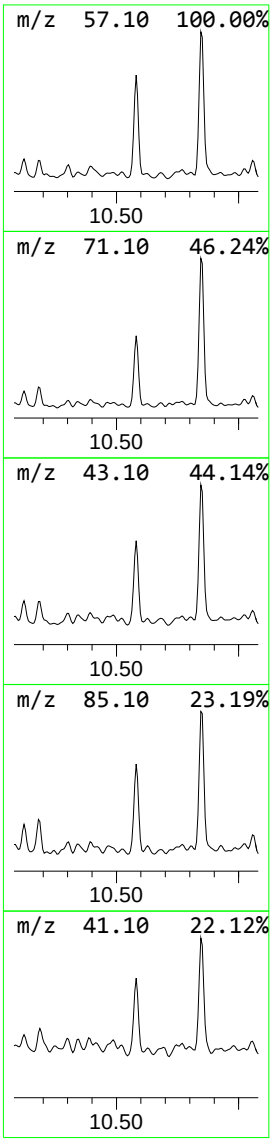
****

Peak Number 10 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	23.88 ng	1213900	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tritetracontane	605	C43H88	007098-21-7	59
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

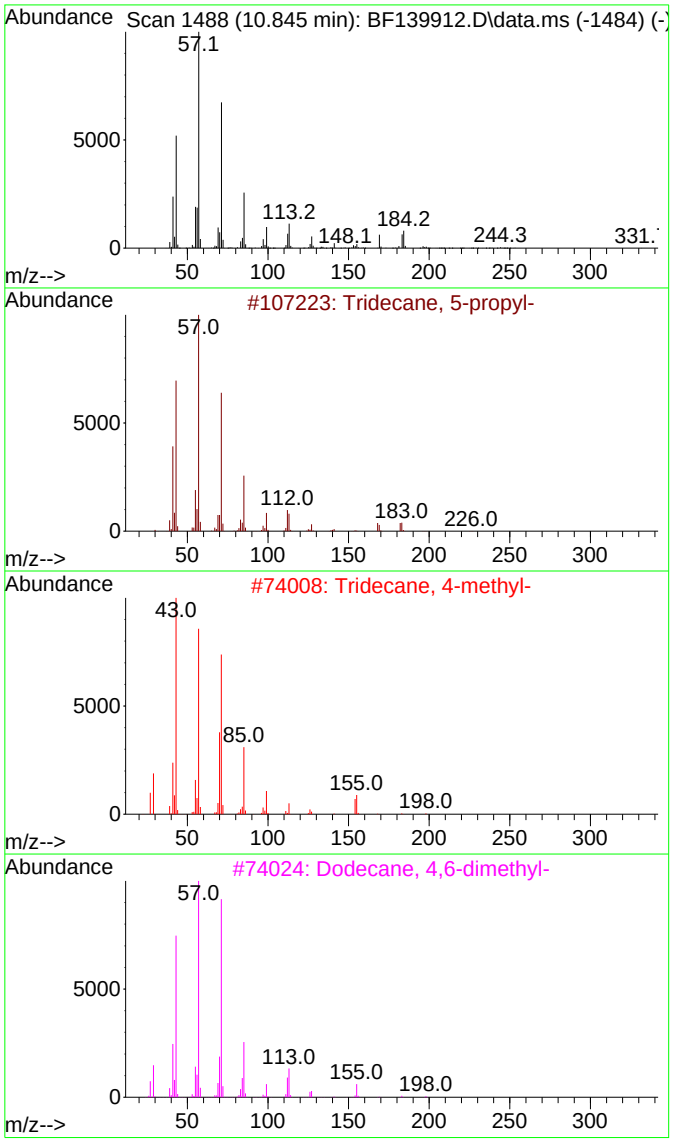
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

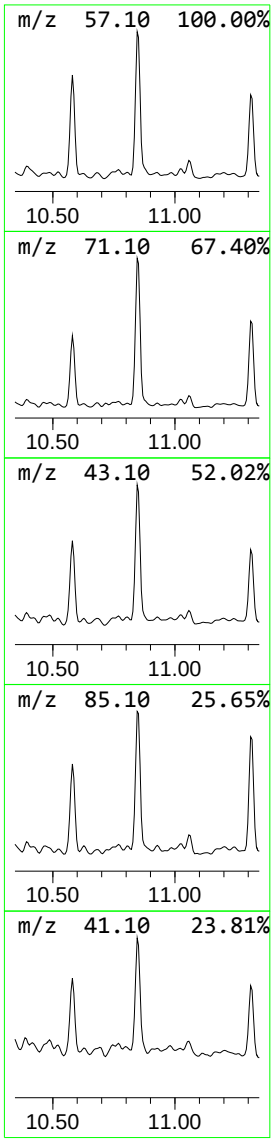
****

Peak Number 11 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	31.93 ng	1943120	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

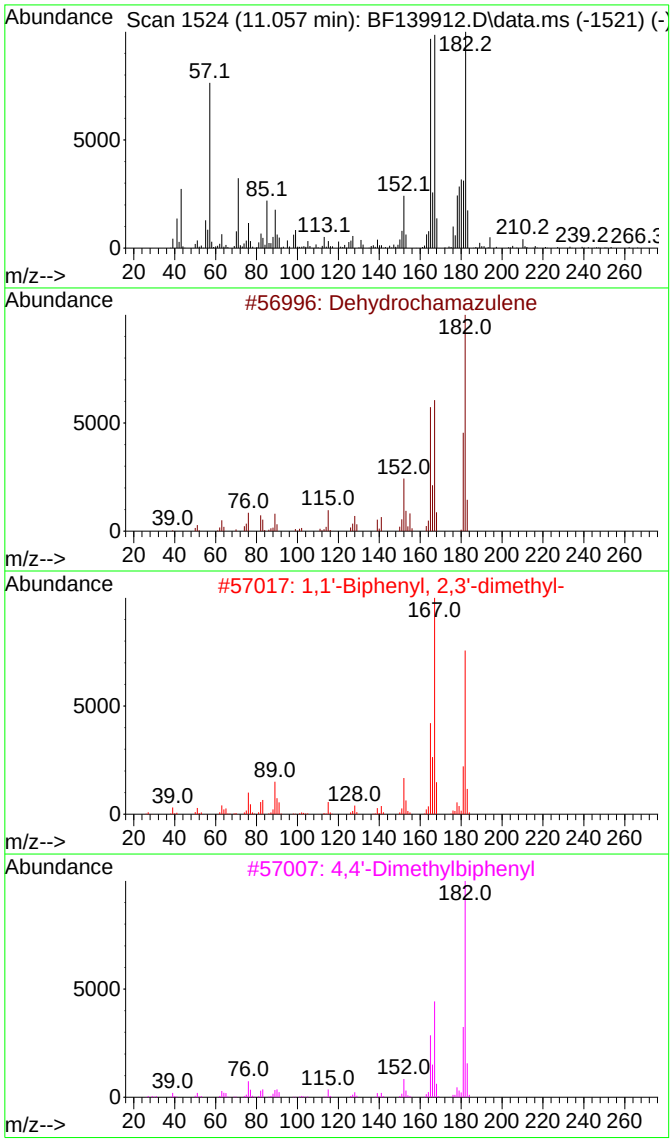
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

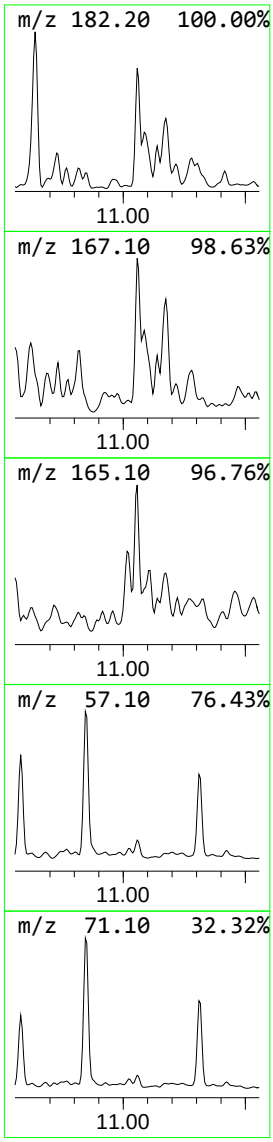
****

Peak Number 12 Dehydrochamazulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	7.04 ng	428351	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	62
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	55
5	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

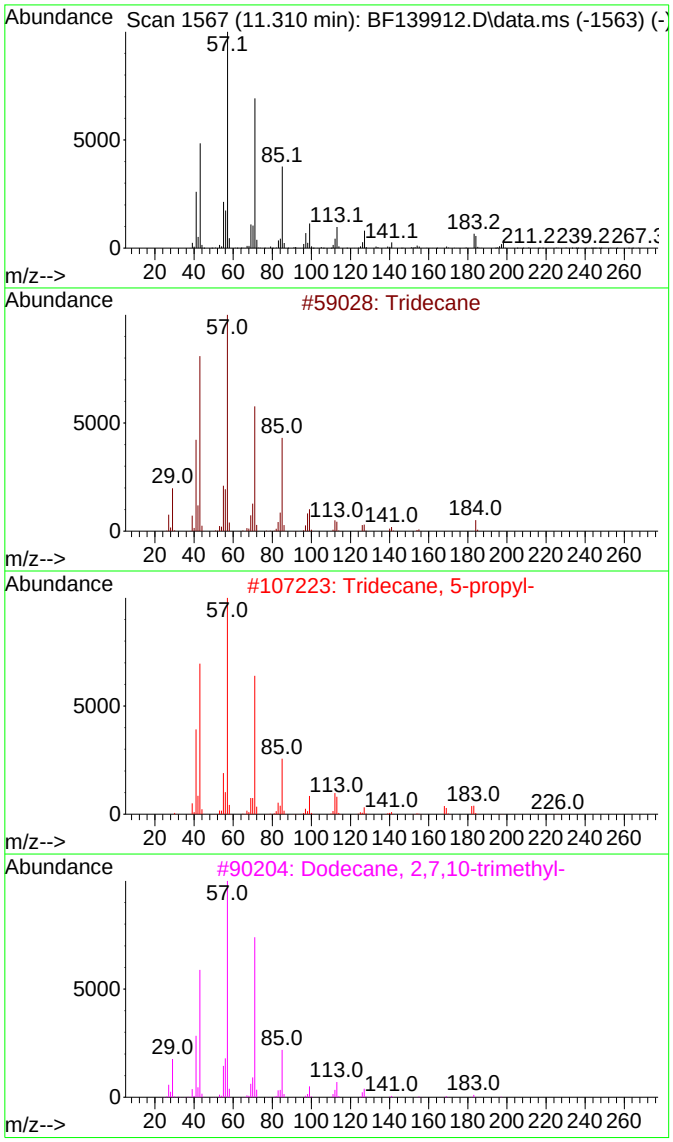
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

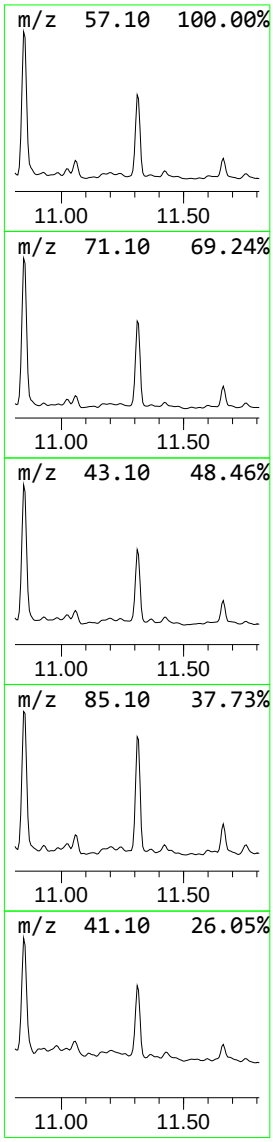
****

Peak Number 13 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	21.21 ng	1290650	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Tetradecane	198	C14H30	000629-59-4	74
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

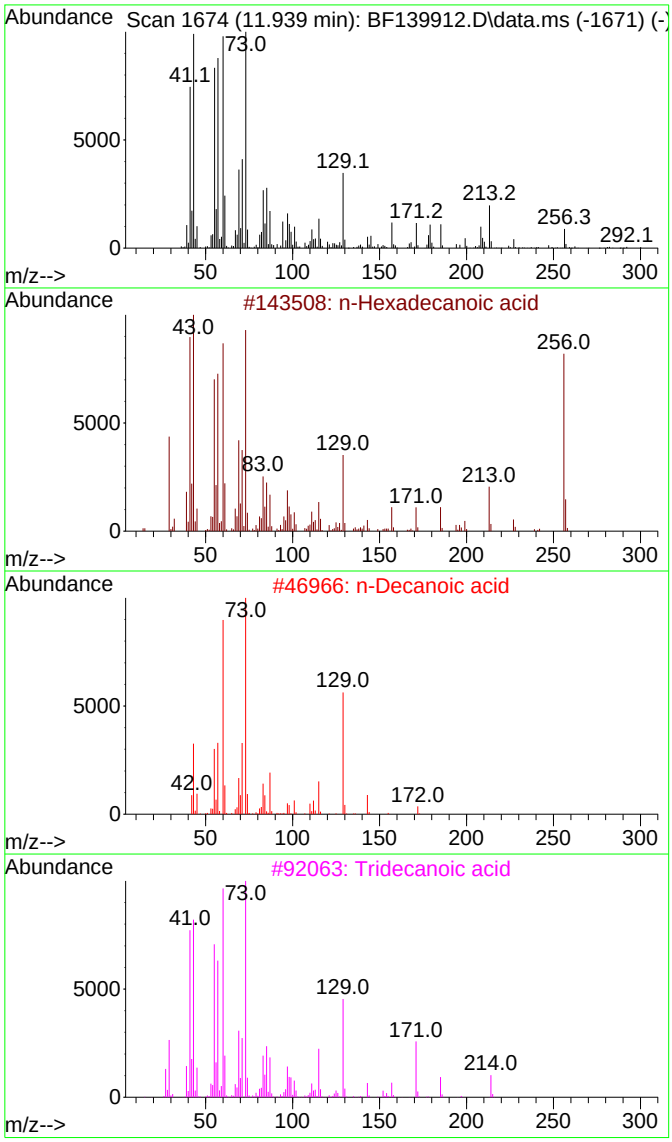
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

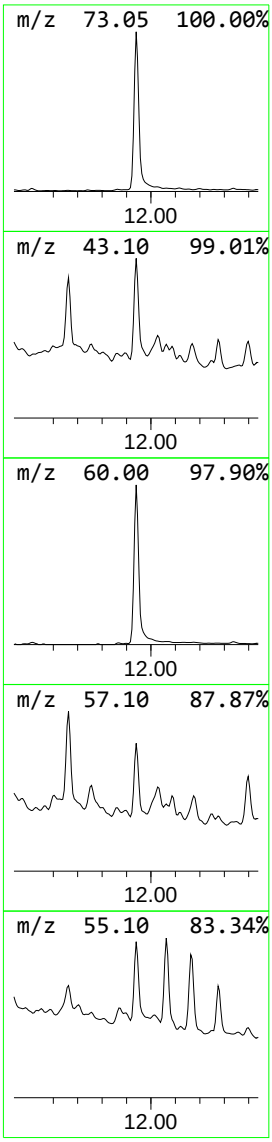
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	12.00 ng	730158	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

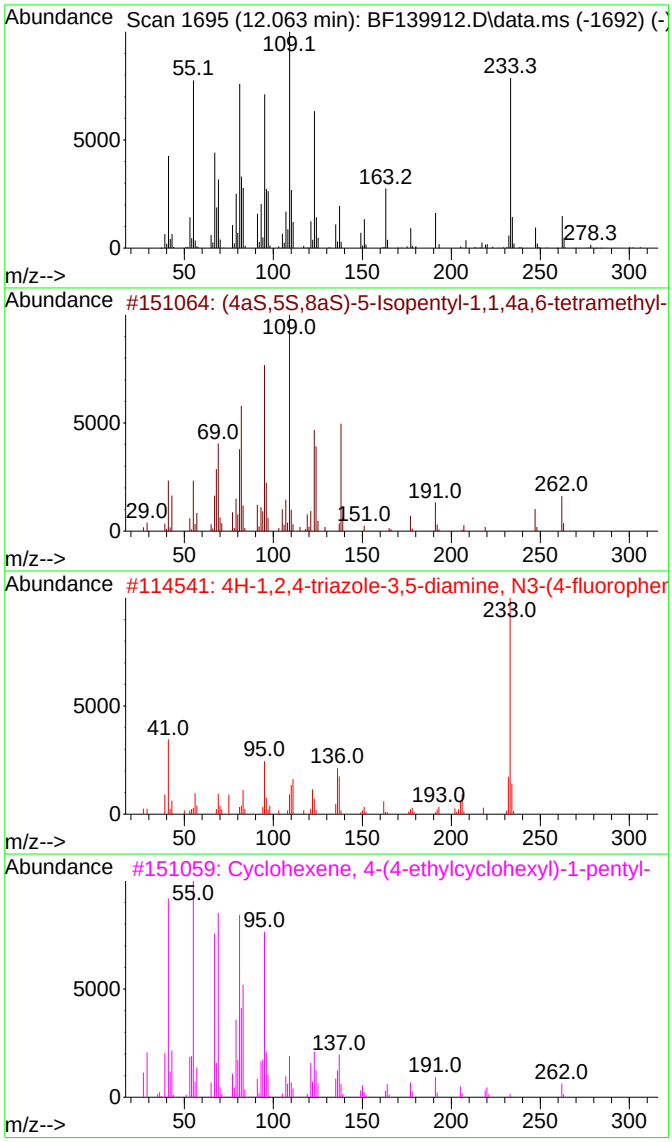
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

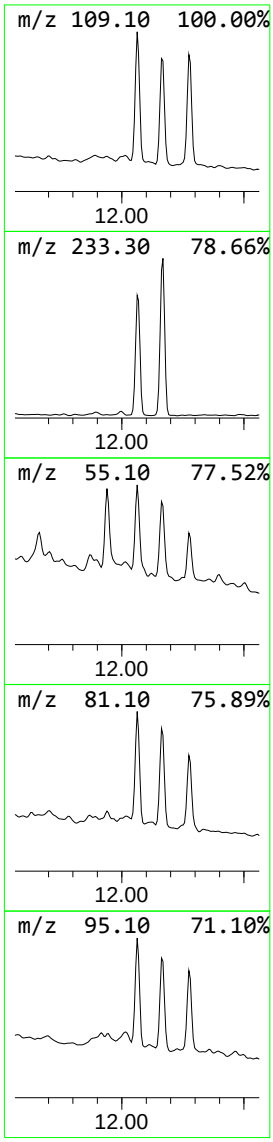
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (4aS,5S,8aS)-5-Isopentyl-1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	11.76 ng	715770	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4aS,5S,8aS)-5-Isopentyl-1,1,4a,...	262	C19H34	220766-81-4	53
2	4H-1,2,4-triazole-3,5-diamine, N...	233	C11H12FN5	1000396-40-8	30
3	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	30
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	25
5	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

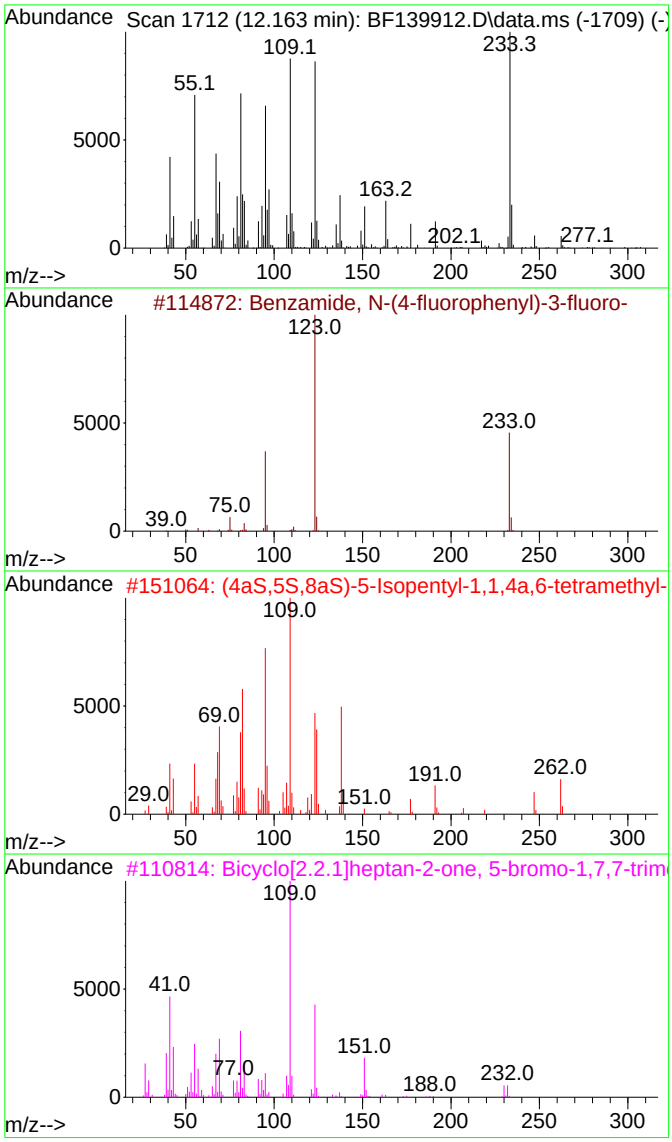
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

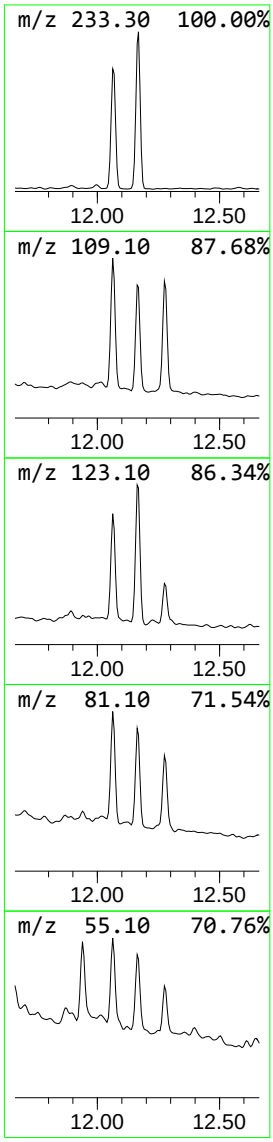
****

Peak Number 16 unknown12.163 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	10.46 ng	636490	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1010307-16-3	38
2	(4aS,5S,8aS)-5-Isopentyl-1,1,4a,...	262	C19H34	220766-81-4	25
3	Bicyclo[2.2.1]heptan-2-one, 5-br...	230	C10H15BrO	010293-00-2	22
4	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	14
5	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

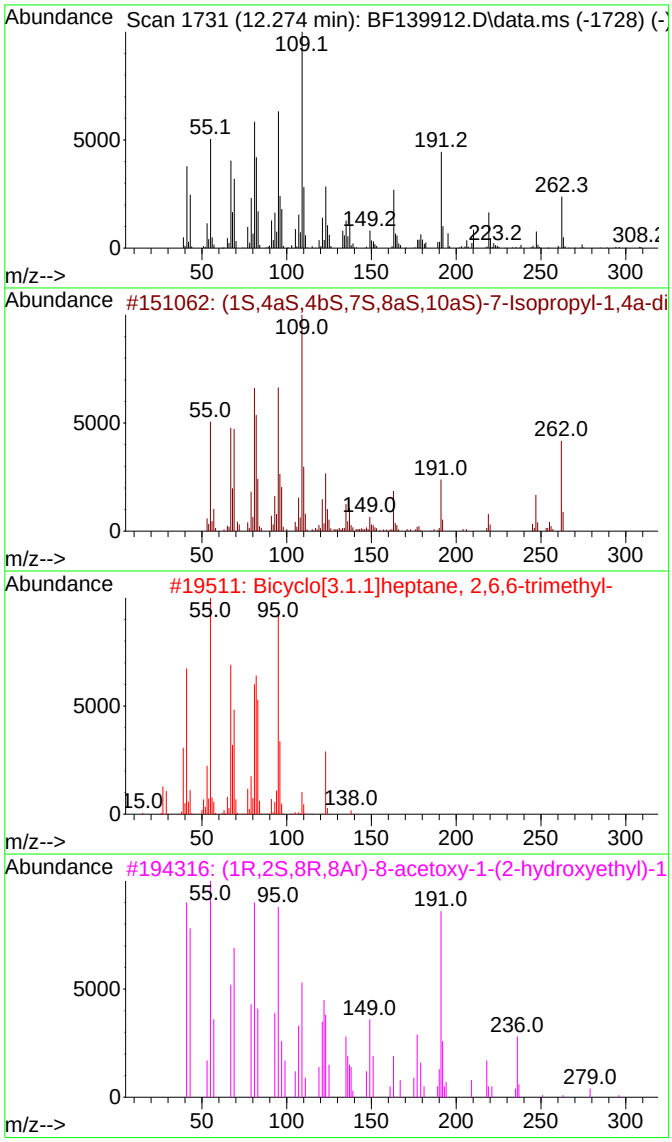
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

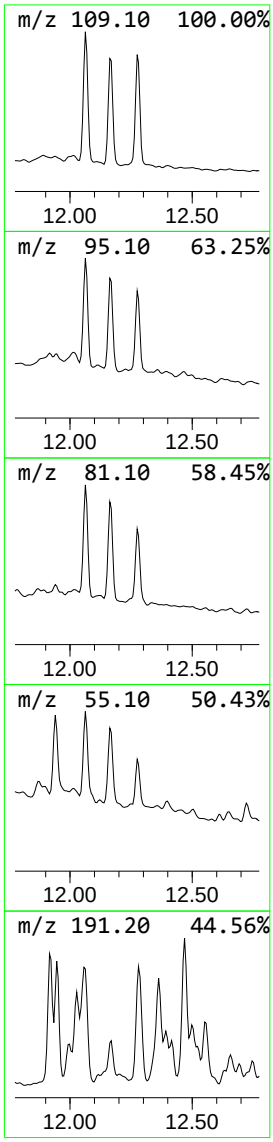
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.274	9.15 ng	557032	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	95
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
3	(1R,2S,8R,8Ar)-8-acetoxy-1-(2-hy...	296	C18H32O3	1000298-98-4	35
4	1H-Naphtho[2,1-b]pyran, 4a,5,6,6...	262	C18H30O	005153-92-4	30
5	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

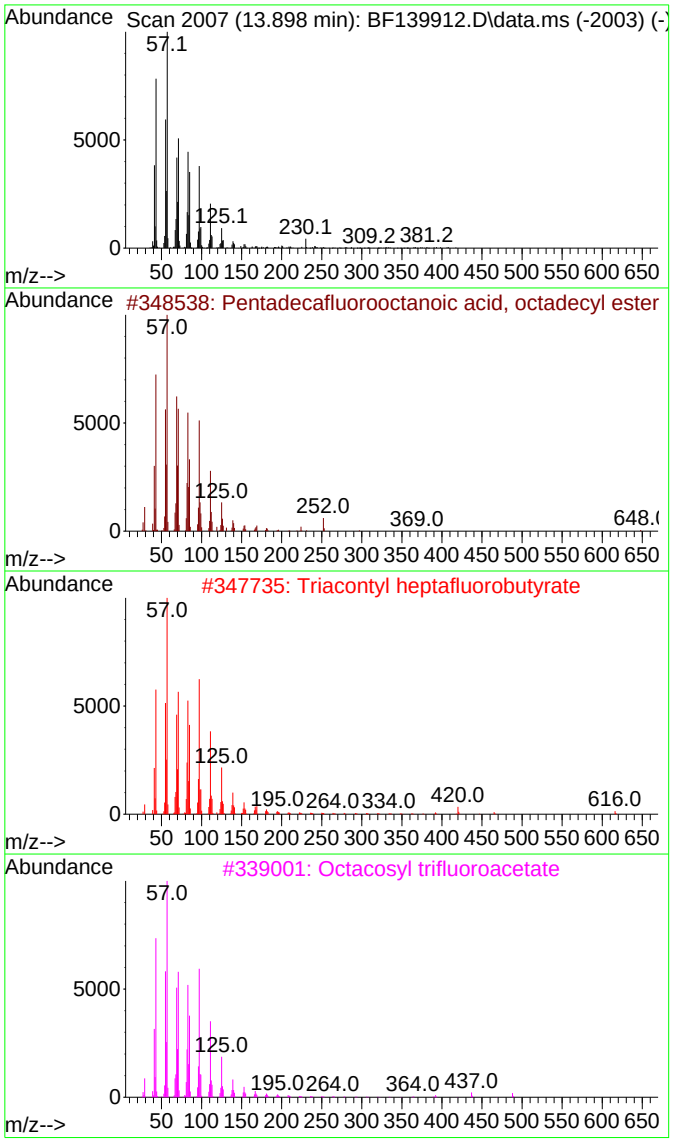
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

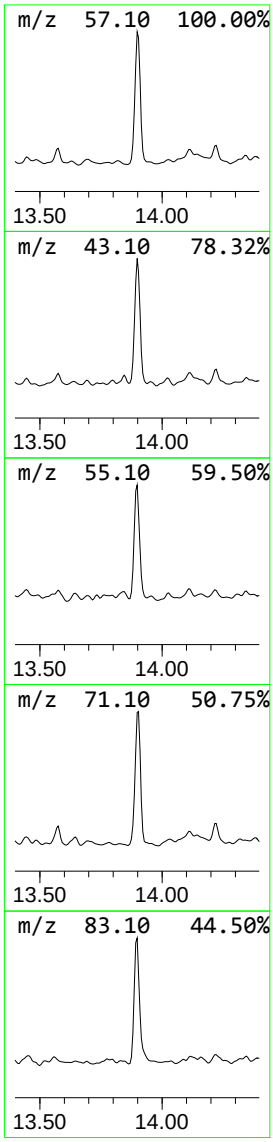
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecafluorooctanoic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	12.60 ng	587766	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

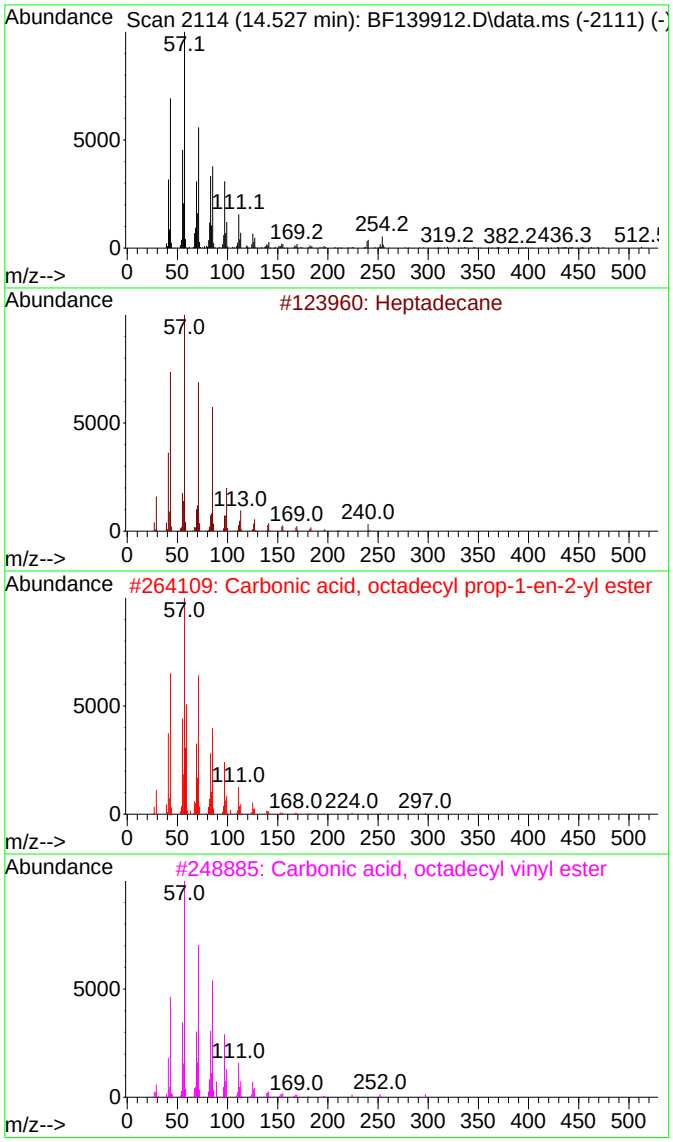
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

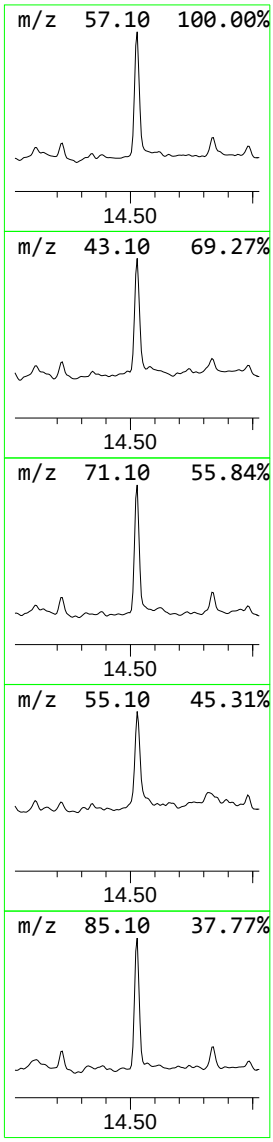
****

Peak Number 19 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	7.09 ng	330691	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	90
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
5	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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

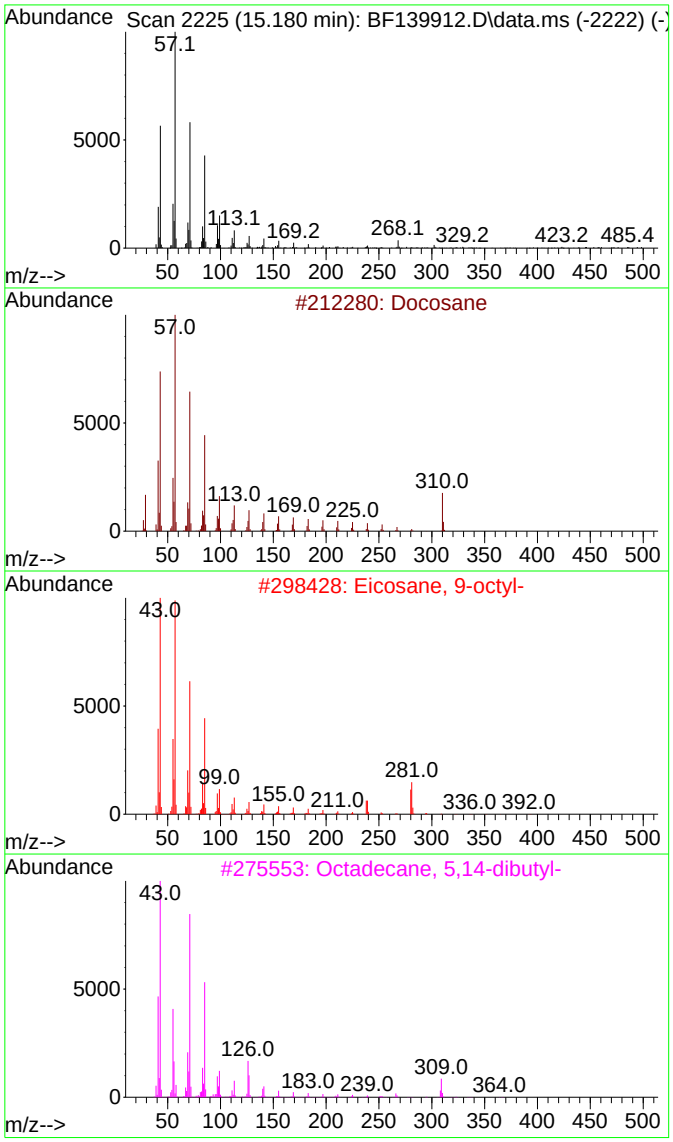
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

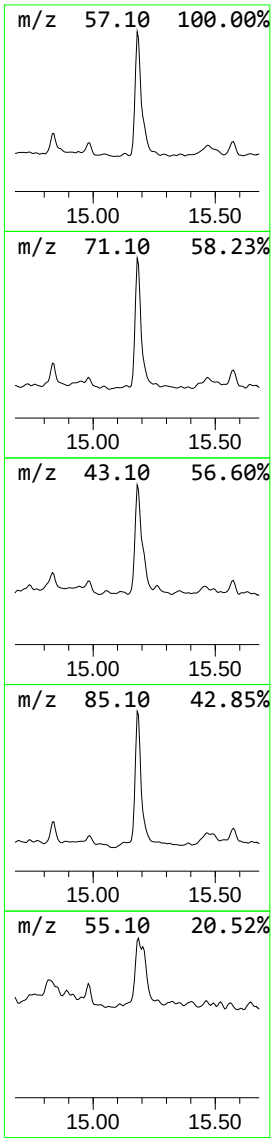
****

Peak Number 20 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	14.59 ng	428936	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	92
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139912.D
Acq On : 21 Oct 2024 19:34
Operator : RC/JU
Sample : P4419-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-1

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...	2.187	70.9	ng	3169410	1	6.892	894279	20.0
Tridecane, 7-me...	8.592	17.2	ng	1012710	2	8.175	1180120	20.0
Dodecane, 2,7,1...	9.192	17.9	ng	909311	3	9.927	1016850	20.0
2-Methyl-Z-4-te...	9.333	12.3	ng	624972	3	9.927	1016850	20.0
2,6,10-Trimethy...	9.651	23.7	ng	1203110	3	9.927	1016850	20.0
unknown9.798	9.798	7.3	ng	371308	3	9.927	1016850	20.0
Naphthalene, 2,...	10.033	6.5	ng	329845	3	9.927	1016850	20.0
Naphthalene, 1,...	10.128	8.3	ng	421596	3	9.927	1016850	20.0
Naphthalene, 1,...	10.245	8.1	ng	413286	3	9.927	1016850	20.0
Tridecane	10.580	23.9	ng	1213900	3	9.927	1016850	20.0
Tridecane, 5-pr...	10.845	31.9	ng	1943120	4	11.416	1216920	20.0
Dehydrochamazulene	11.057	7.0	ng	428351	4	11.416	1216920	20.0
Tetradecane	11.310	21.2	ng	1290650	4	11.416	1216920	20.0
n-Hexadecanoic ...	11.939	12.0	ng	730158	4	11.416	1216920	20.0
(4aS,5S,8aS)-5-...	12.063	11.8	ng	715770	4	11.416	1216920	20.0
unknown12.163	12.163	10.5	ng	636490	4	11.416	1216920	20.0
(1S,4aS,4bS,7S,...	12.274	9.2	ng	557032	4	11.416	1216920	20.0
Pentadecafluoro...	13.898	12.6	ng	587766	5	14.057	932876	20.0
Heptadecane	14.527	7.1	ng	330691	5	14.057	932876	20.0
Docosane	15.180	14.6	ng	428936	6	15.533	588049	20.0