LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-080924

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.416	220	225	229	rBV3	2173	5154	1.00%	0.109%
2	5.046	498	502	516	rVB	20006	33674	6.55%	0.710%
3	5.463	569	573	596	rBV	330989	514464	100.00%	10.843%
4	6.481	741	746	765	rBV	327766	484566	94.19%	10.213%
5	6.687	774	781	792	rBV	6976	16394	3.19%	0.346%
6	6.834	802	806	814	rVB	182050	222801	43.31%	4.696%
7	7.398	897	902	913	rBV	230747	302530	58.80%	6.376%
8	8.116	1016	1024	1030	rBV	190363	242752	47.19%	5.116%
9	8.439	1075	1079	1086	rVV	13071	23466	4.56%	0.495%
10	8.698	1119	1123	1126	rBV4	3855	5226	1.02%	0.110%
11	8.775	1132	1136	1145	rVB7	3697	8308	1.61%	0.175%
12	8.934	1160	1163	1168	rBV3	7273	10707	2.08%	0.226%
13	9.051	1179	1183	1185	rBV3	4501	5597	1.09%	0.118%
14	9.186	1201	1206	1211	rBV	359273	440375	85.60%	9.282%
15	9.257	1214	1218	1222	rBV	10792	13464	2.62%	0.284%
16	9.334	1227	1231	1235	rBV3	5840	7522	1.46%	0.159%
17	9.498	1255	1259	1264	rBV7	3088	7270	1.41%	0.153%
18	9.575	1268	1272	1275	rBV5	8736	13776	2.68%	0.290%
19	9.639	1280	1283	1287	rVB3	5738	7198	1.40%	0.152%
20	9.728	1294	1298	1302	rBV2	9077	14041	2.73%	0.296%
21	9.786	1302	1308	1312	rVV	20628	30425	5.91%	0.641%
22	9.863	1316	1321	1328	rVB	170620	222476	43.24%	4.689%
23	9.957	1334	1337	1343	rVB3	12118	18124	3.52%	0.382%
24	10.045	1343	1352	1354	rBV7	7130	17747	3.45%	0.374%
25	10.110	1359	1363	1366	rVV4	7743	9719	1.89%	0.205%
26	10.139	1366	1368	1372	rVB5	4617	5236	1.02%	0.110%
27	10.181	1372	1375	1379	rBV4	4362	7824	1.52%	0.165%
28	10.286	1388	1393	1397	rBV	37753	47693	9.27%	1.005%
29	10.504	1425	1430	1436	rBV	17087	30661	5.96%	0.646%
30	10.592	1442	1445	1448	rBV3	4177	5168	1.00%	0.109%
31	10.622	1448	1450	1452	rVV3	6206	5791	1.13%	0.122%
32	10.657	1452	1456	1469	rVV	167495	227293	44.18%	4.791%
33	10.757	1469	1473	1482	rVB	56327	91707	17.83%	1.933%
34	10.963	1504	1508	1510	rBV5	4457	7953	1.55%	0.168%
35	11.080	1525	1528	1538	rVB9	6087	12972	2.52%	0.273%
36	11.204	1545	1549	1552	rBV	50876	65480	12.73%	1.380%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.233	1552	1554	1561	rVB2	23179	30059	5.84%	0.634%
38	11.351	1569	1574	1585	rBV	184645	279064	54.24%	5.882%
39	11.516	1599	1602	1606	rVB3	7159	7941	1.54%	0.167%
40	11.586	1611	1614	1618	rVV4	5705	8432	1.64%	0.178%
41	11.633	1618	1622	1626	rVB	45291	55841	10.85%	1.177%
42	11.863	1657	1661	1662	rBV	8117	11267	2.19%	0.237%
43	11.969	1676	1679	1687	rVB2	13424	23284	4.53%	0.491%
44	12.039	1687	1691	1697	rBV	44185	55661	10.82%	1.173%
45	12.322	1737	1739	1743	rVB3	5661	5737	1.12%	0.121%
46	12.427	1750	1757	1762	rBV2	34911	58449	11.36%	1.232%
47	12.569	1777	1781	1785	rBV	61786	80741	15.69%	1.702%
48	12.798	1814	1820	1826	rBV	84071	126094	24.51%	2.658%
49	12.933	1838	1843	1850	rVB	359403	460898	89.59%	9.714%
50	13.992	2019	2023	2035	rBV2	129529	229204	44.55%	4.831%
51	15.463	2269	2273	2278	rVB	82654	126330	24.56%	2.663%

Sum of corrected areas: 4744556

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
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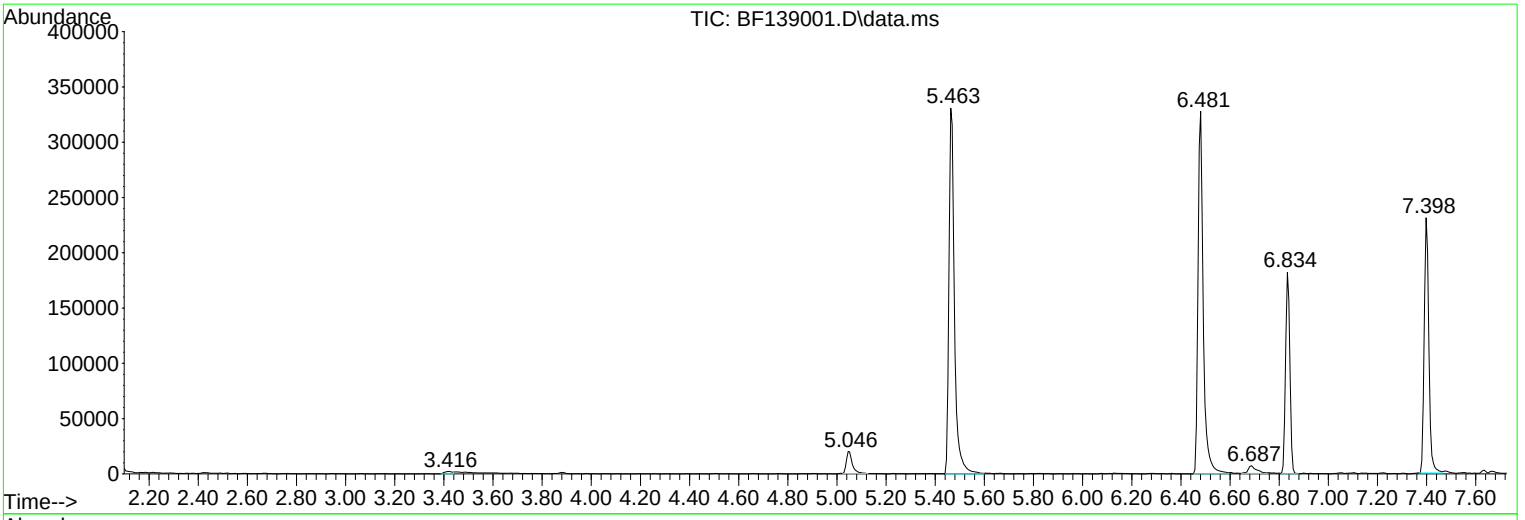
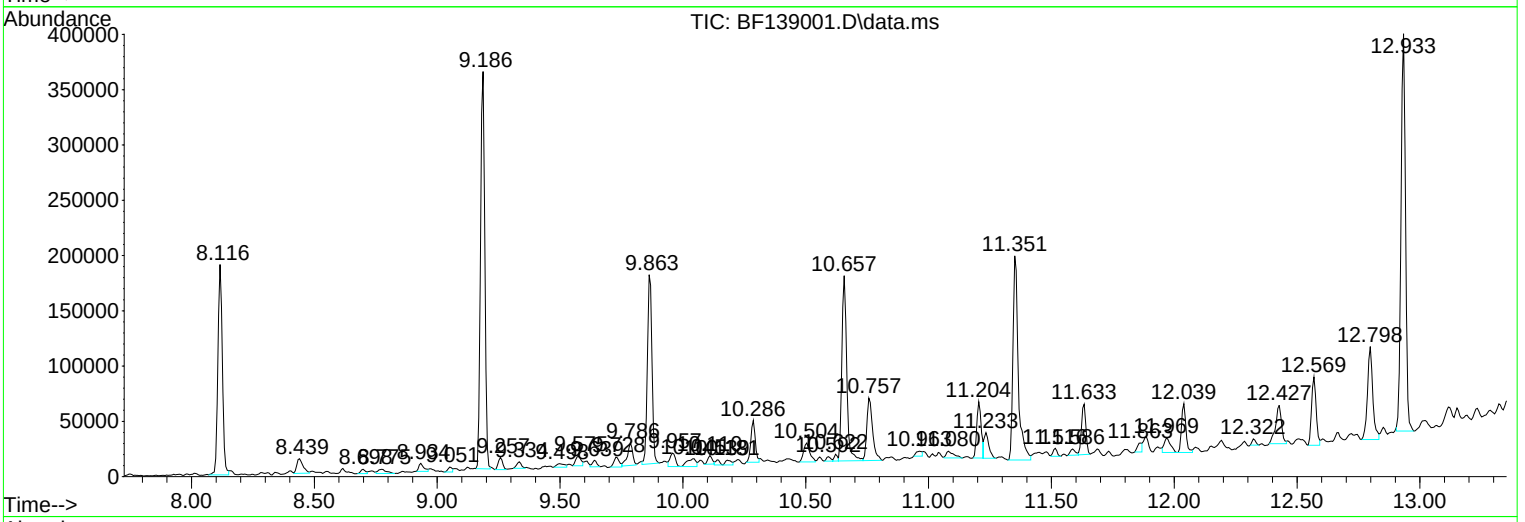
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

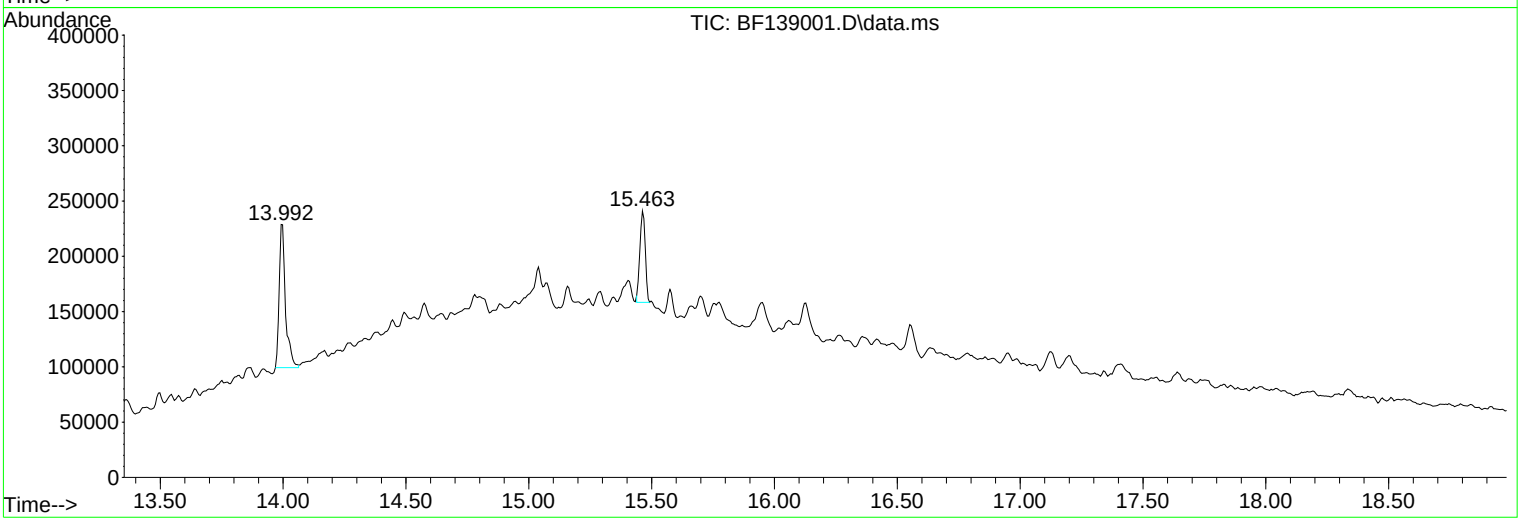
Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

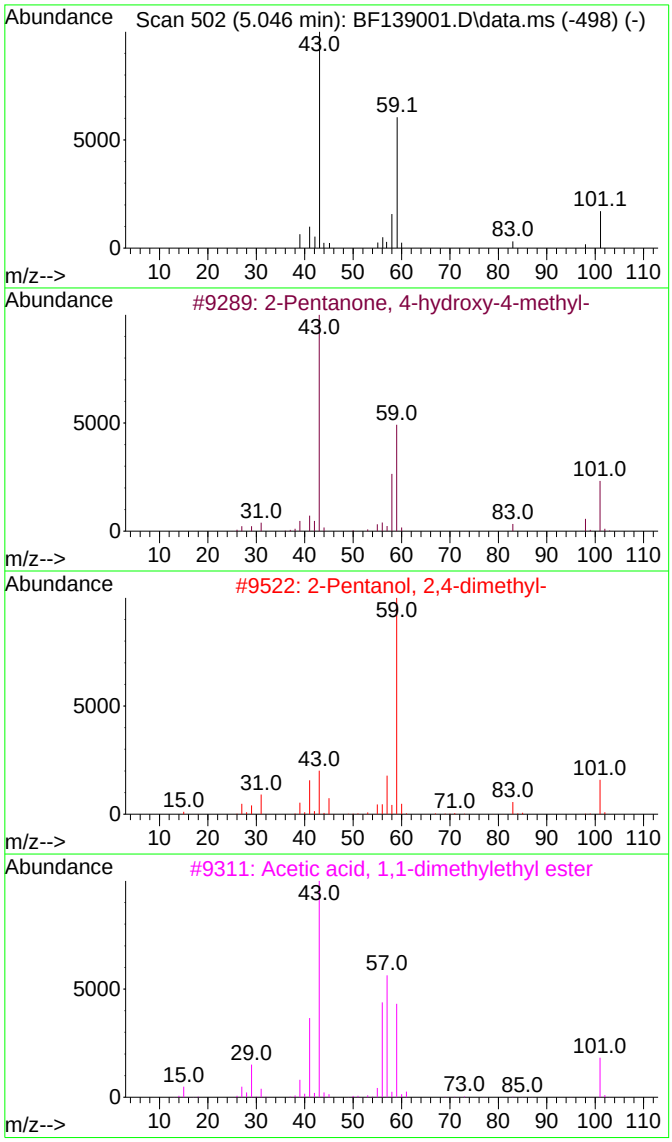
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

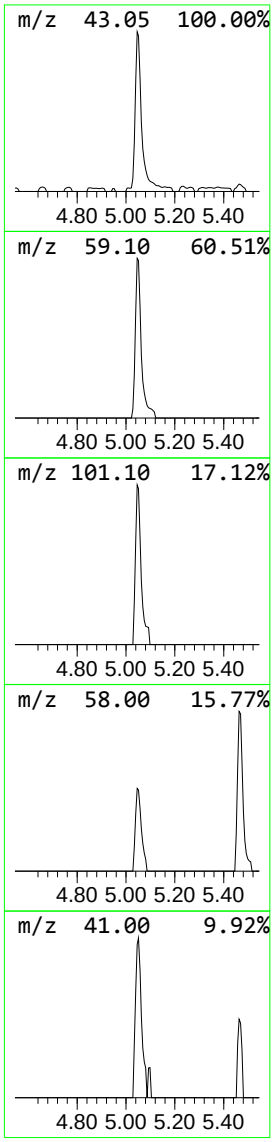
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.046	3.02 ng	33674	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

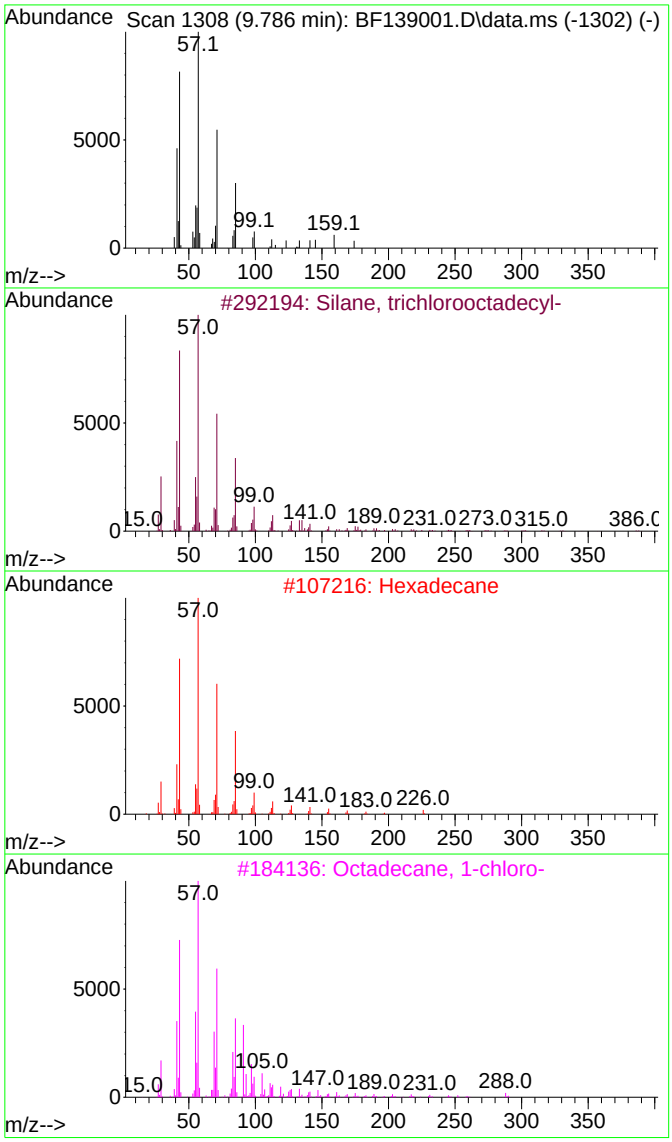
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

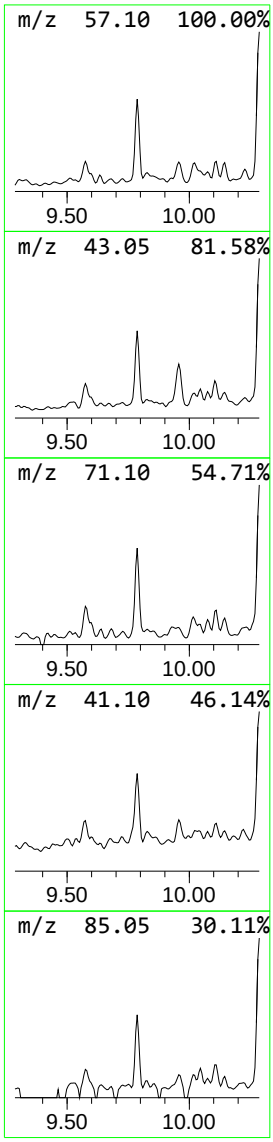
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Silane, trichlorooctadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	2.74 ng	30425	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
2	Hexadecane	226	C16H34	000544-76-3	59
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
4	Octacosane	394	C28H58	000630-02-4	53
5	Pentadecane	212	C15H32	000629-62-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

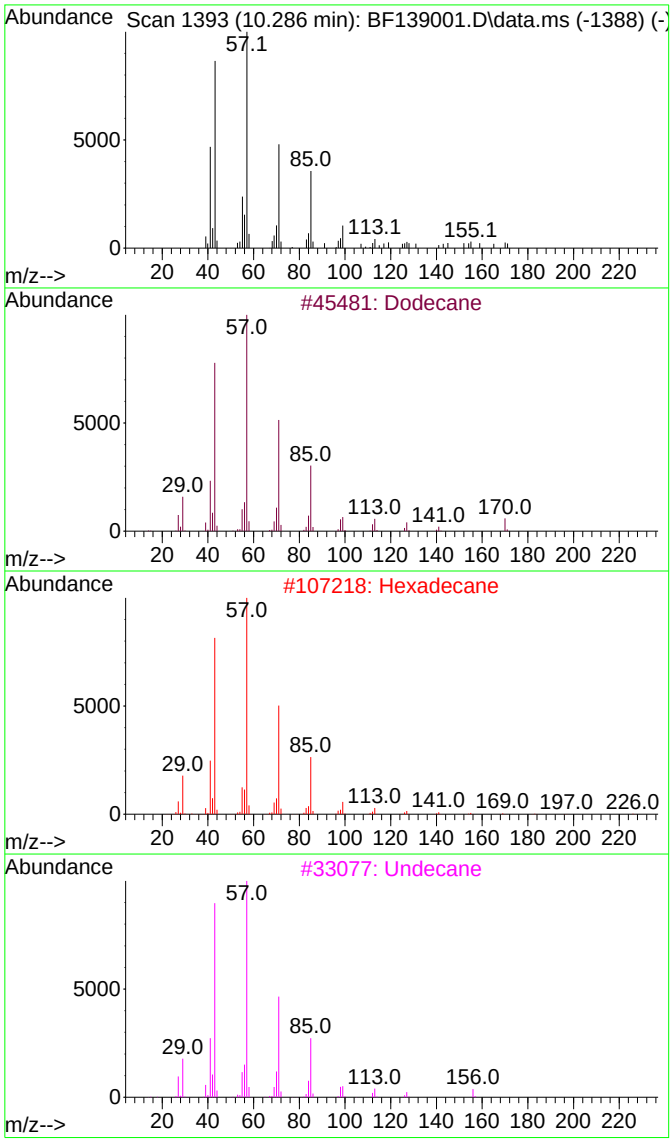
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

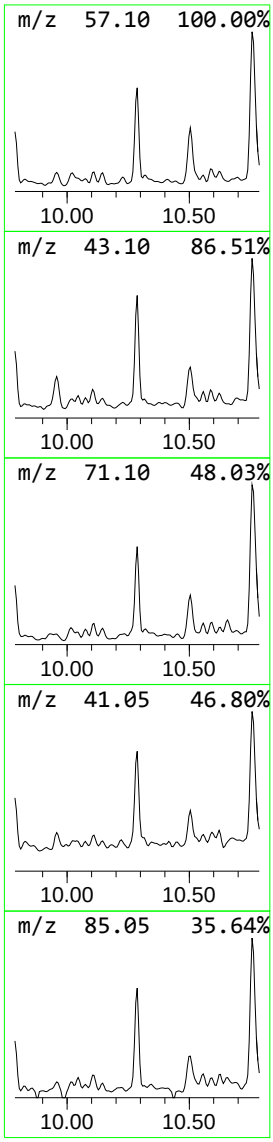
****

Peak Number 3 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	4.29 ng	47693	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Undecane	156	C11H24	001120-21-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

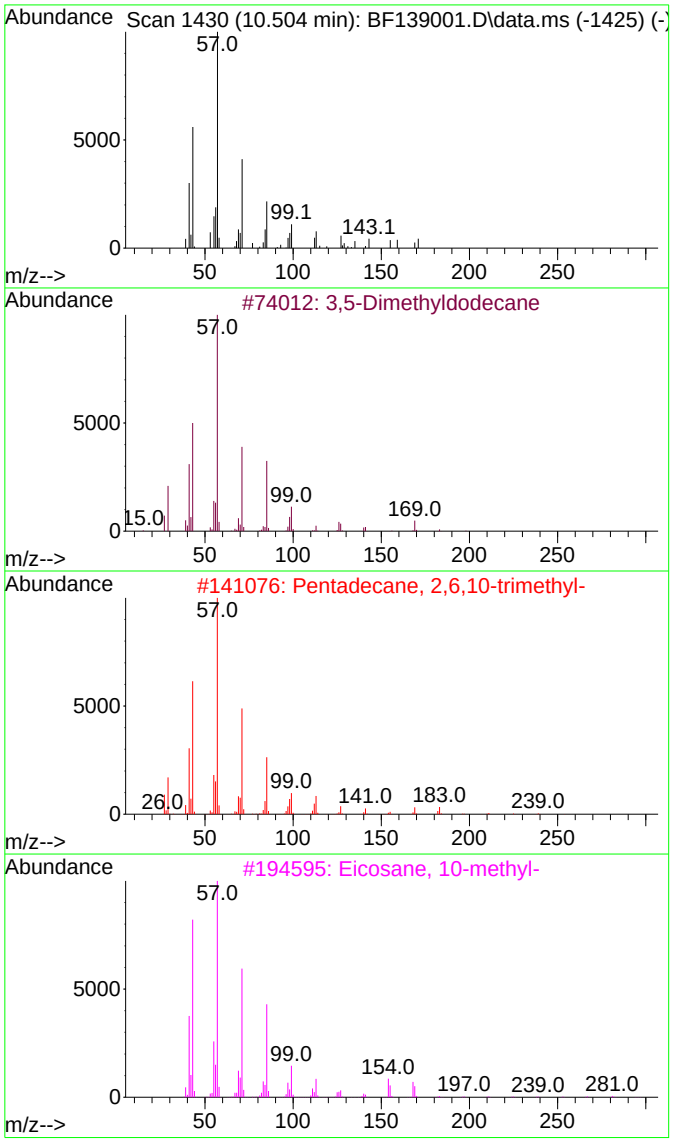
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

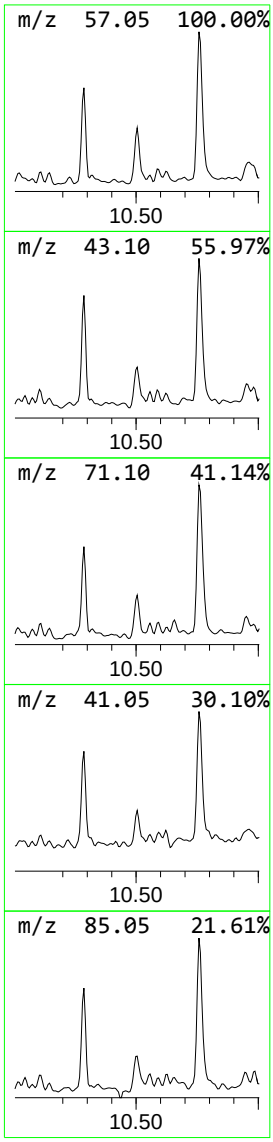
****

Peak Number 4 3,5-Dimethyldodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	2.76 ng	30661	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
5	Octane, 2-methyl-	128	C9H20	003221-61-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

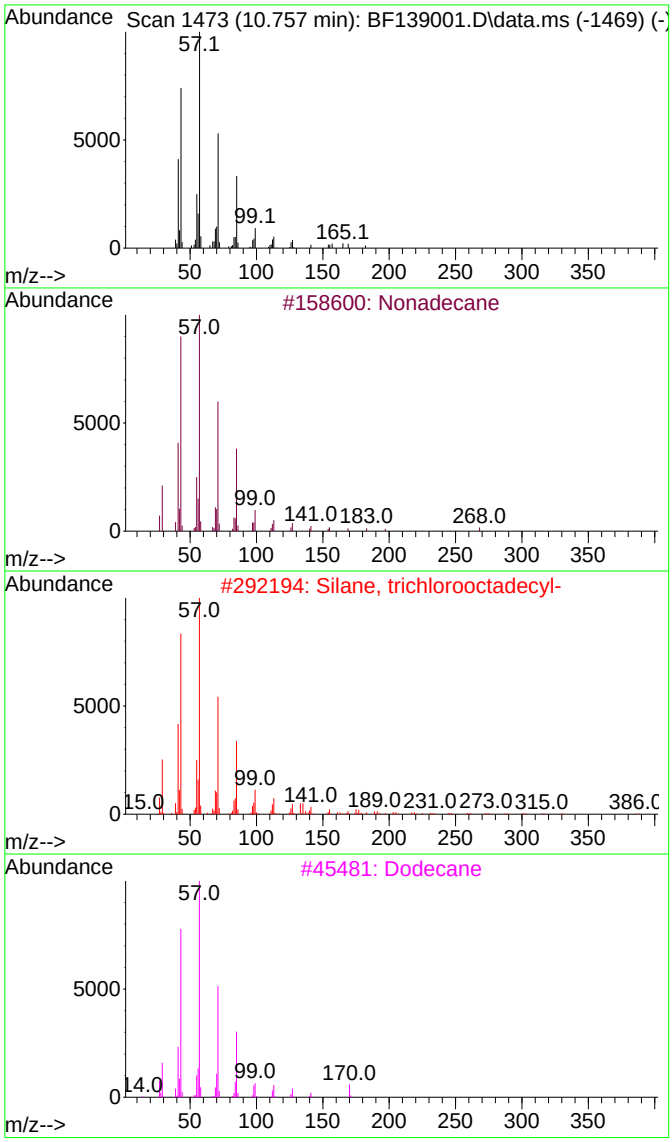
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

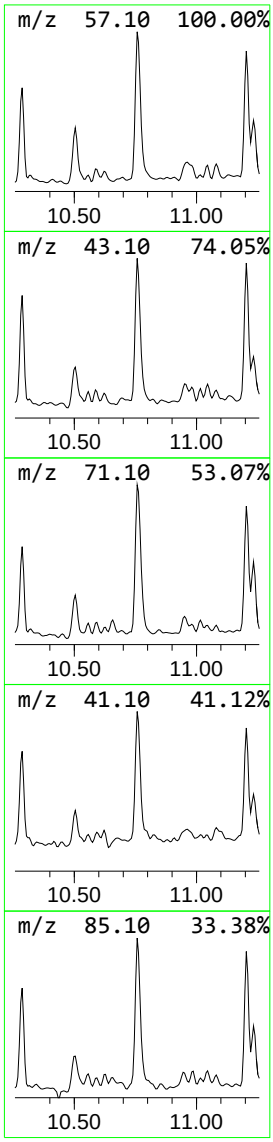
****

Peak Number 5 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	6.57 ng	91707	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	91
3	Dodecane	170	C12H26	000112-40-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

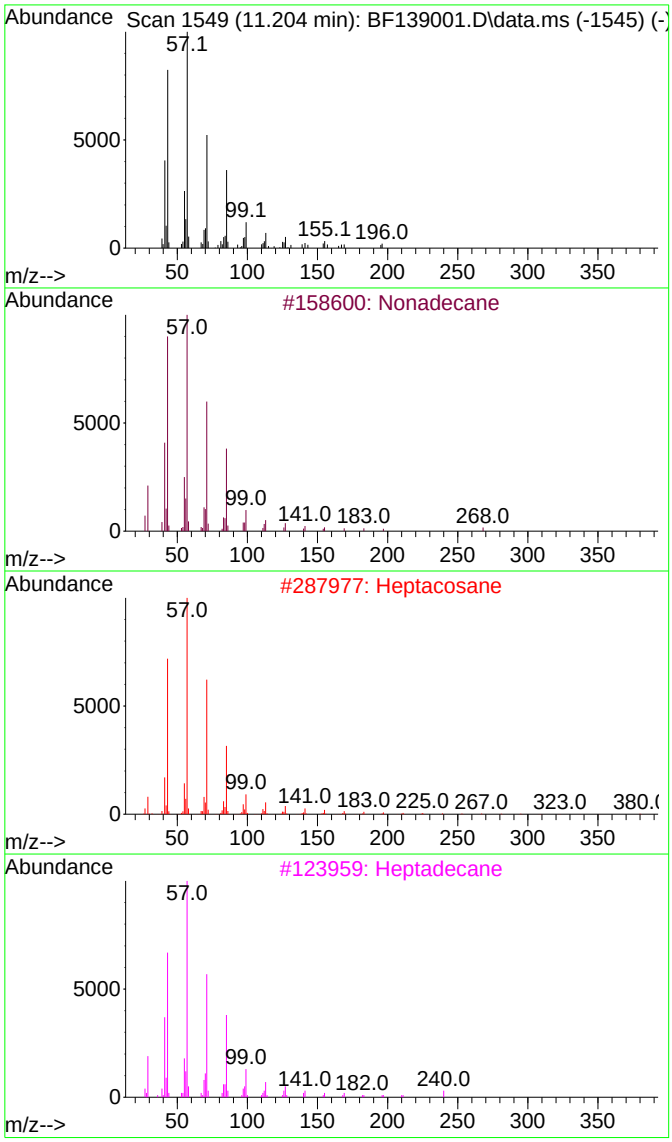
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

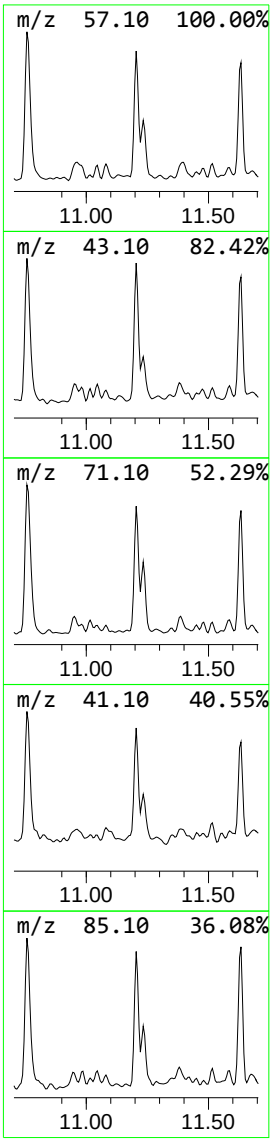
****

Peak Number 6 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	4.69 ng	65480	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

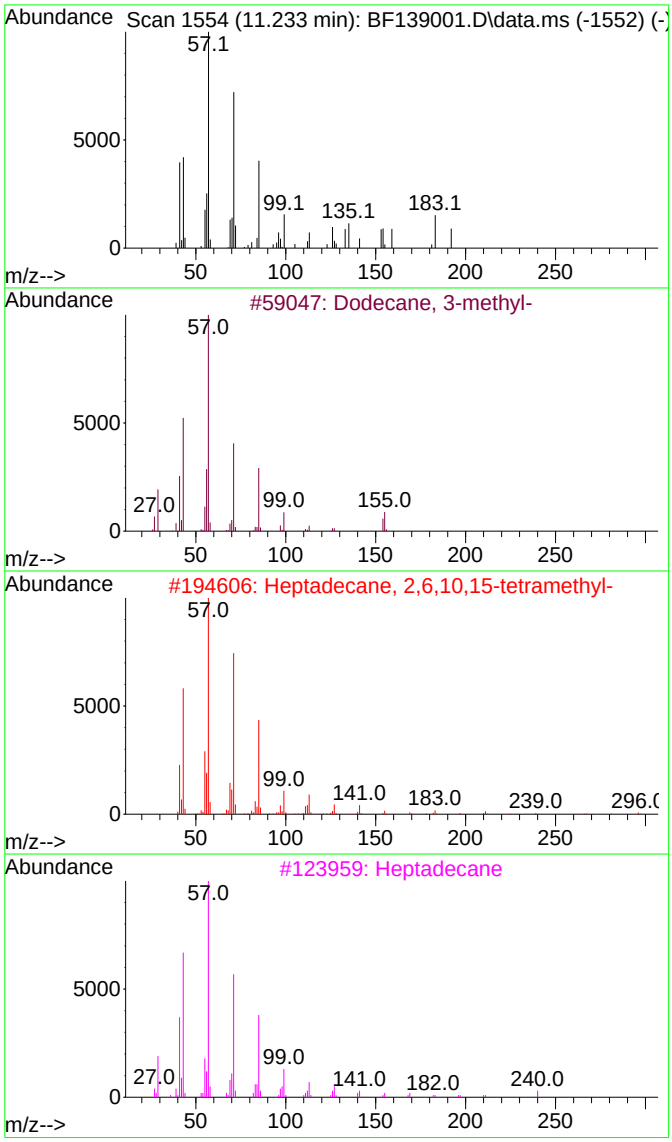
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

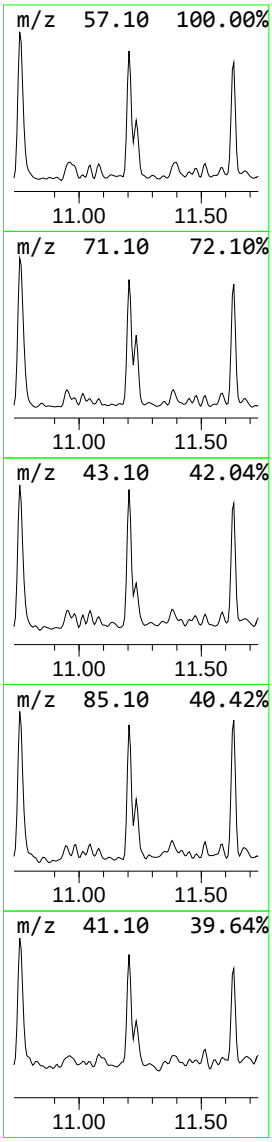
****

Peak Number 7 Dodecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	2.15 ng	30059	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
3	Heptadecane	240	C17H36	000629-78-7	50
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
5	Decane, 2-methyl-	156	C11H24	006975-98-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

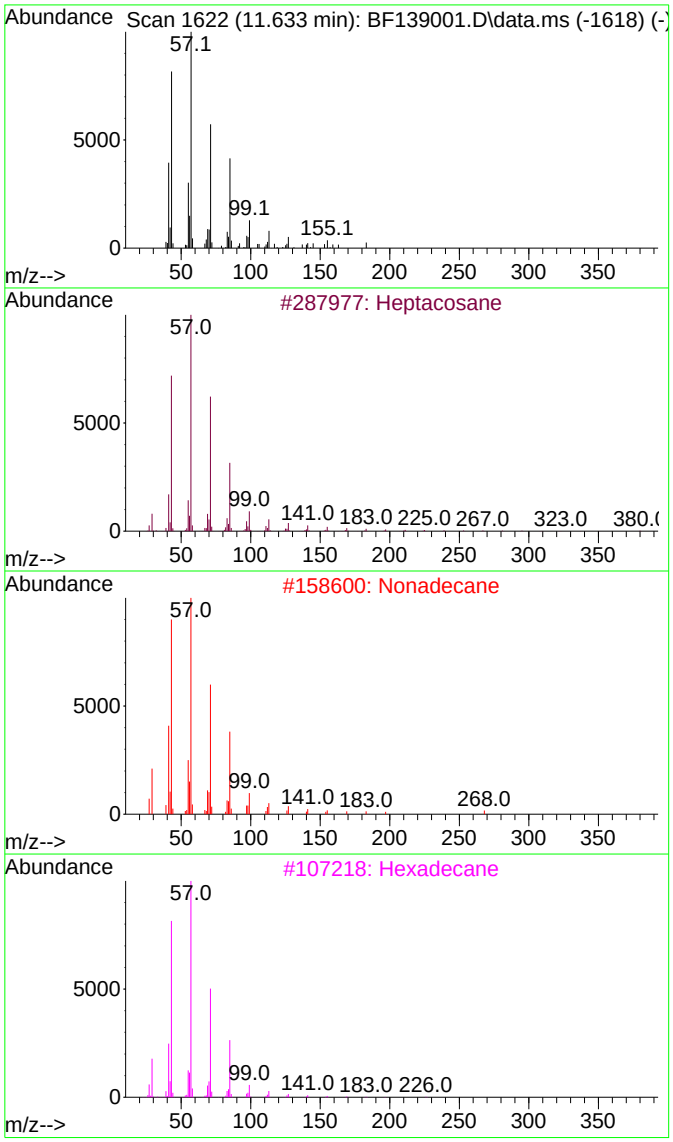
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

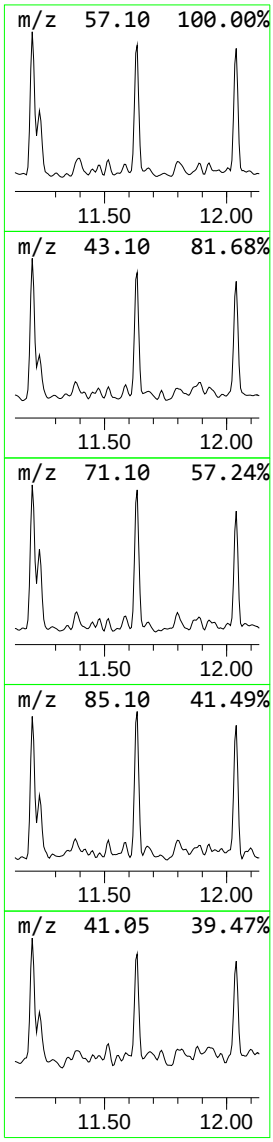
****

Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	4.00 ng	55841	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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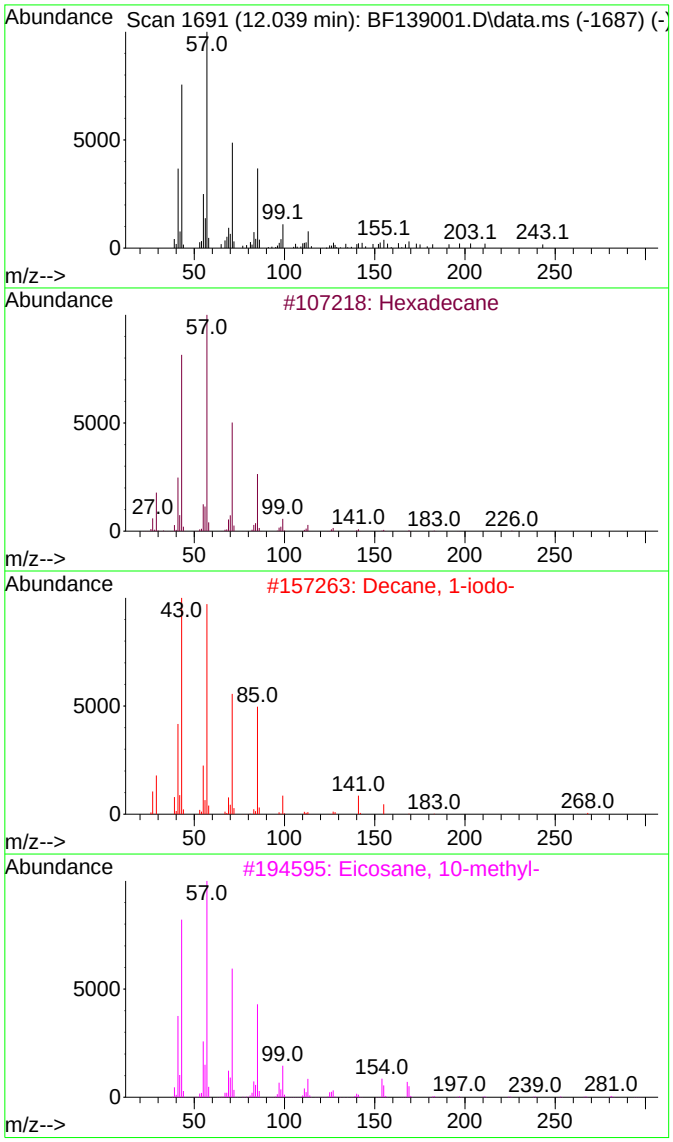
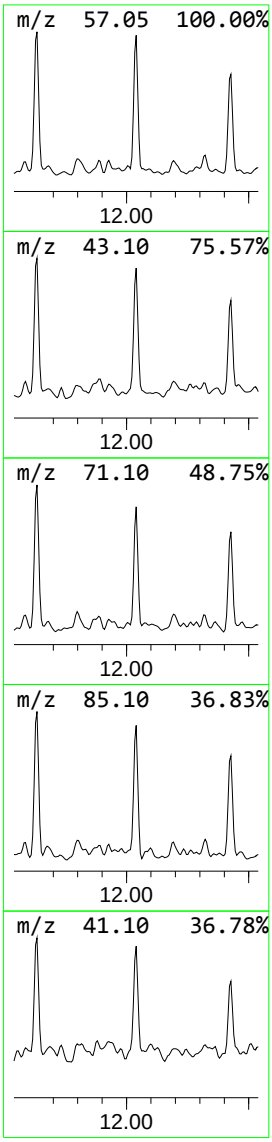
Peak Number 9 Decane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	3.99 ng	55661	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	Nonadecane	268	C19H40	000629-92-5	72
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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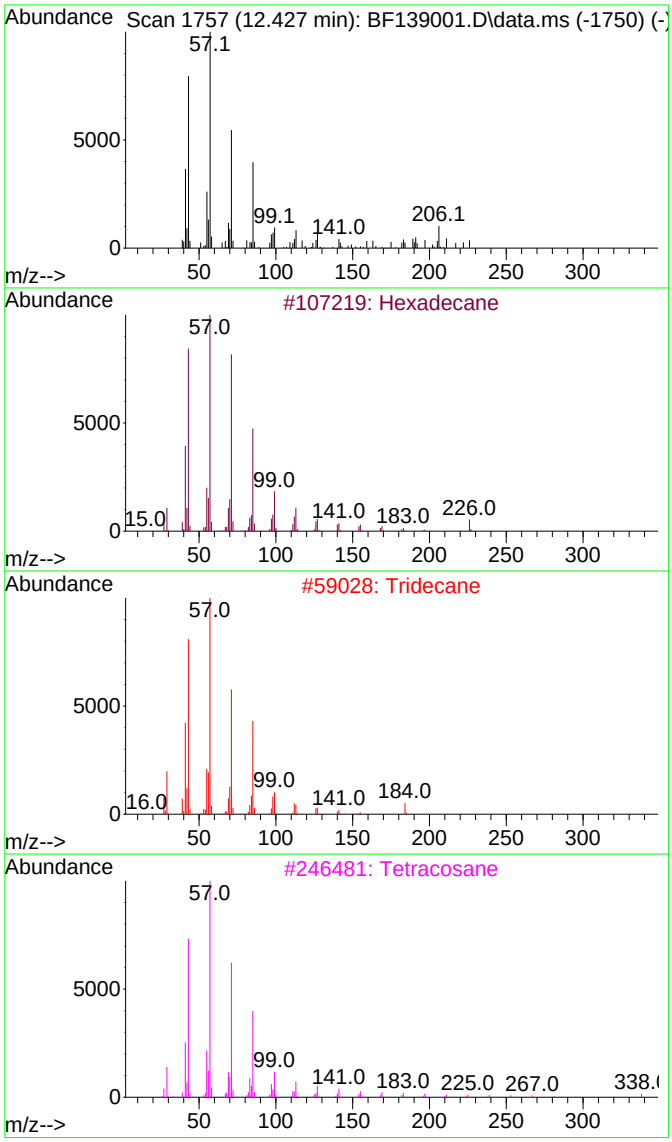
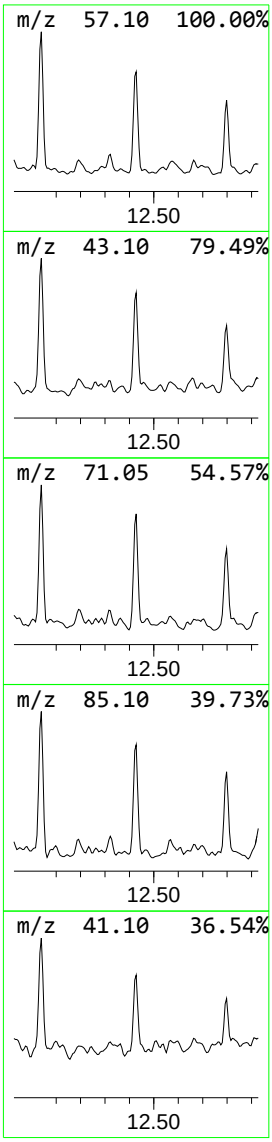
Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	4.19 ng	58449	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	76
3	Tetracosane	338	C24H50	000646-31-1	72
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	68
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139001.D
Acq On : 14 Aug 2024 18:46
Operator : RC/JU
Sample : P3549-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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
2-Pentanone, 4-...	5.046	3.0	ng	33674	1	6.834	222801	20.0
Silane, trichlo...	9.786	2.7	ng	30425	3	9.863	222476	20.0
Dodecane	10.286	4.3	ng	47693	3	9.863	222476	20.0
3,5-Dimethyldod...	10.504	2.8	ng	30661	3	9.863	222476	20.0
Nonadecane	10.757	6.6	ng	91707	4	11.351	279064	20.0
Heptacosane	11.204	4.7	ng	65480	4	11.351	279064	20.0
Dodecane, 3-met...	11.233	2.1	ng	30059	4	11.351	279064	20.0
Hexadecane	11.633	4.0	ng	55841	4	11.351	279064	20.0
Decane, 1-iodo-	12.039	4.0	ng	55661	4	11.351	279064	20.0
Tridecane	12.427	4.2	ng	58449	4	11.351	279064	20.0