LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136341.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	12	rVB	447785	514774	17.78%	2.512%
2	5.046	499	503	509	rBV	37468	49263	1.70%	0.240%
3	5.446	566	571	574	rBV	2356367	2243332	77.49%	10.948%
4	6.093	677	681	684	rVB	1363973	1076293	37.18%	5.252%
5	6.257	704	709	712	rVB	45012	41179	1.42%	0.201%
6	6.440	735	740	743	rBV	2329736	2275041	78.58%	11.103%
7	6.510	749	752	757	rVB2	50410	50287	1.74%	0.245%
8	6.804	798	802	805	rBV	909992	704043	24.32%	3.436%
9	6.922	818	822	825	rVB	137613	118645	4.10%	0.579%
10	7.363	888	897	900	rBV	1548149	1493123	51.57%	7.287%
11	8.081	1014	1019	1022	rBV	1179519	1010861	34.92%	4.933%
12	8.145	1025	1030	1032	rVB2	47045	52514	1.81%	0.256%
13	8.892	1152	1157	1160	rVB2	47912	41695	1.44%	0.203%
14	9.110	1191	1194	1197	rBV5	32653	40509	1.40%	0.198%
15	9.163	1198	1203	1206	rBV	3383408	2895127	100.00%	14.129%
16	9.428	1243	1248	1251	rVB3	26516	37131	1.28%	0.181%
17	9.492	1257	1259	1262	rBV2	41533	38186	1.32%	0.186%
18	9.698	1290	1294	1299	rVB	145887	131031	4.53%	0.639%
19	9.839	1311	1318	1321	rBV	1302860	1065135	36.79%	5.198%
20	9.869	1321	1323	1327	rVB2	36603	35145	1.21%	0.172%
21	10.628	1448	1452	1463	rBV	1471376	1296741	44.79%	6.328%
22	11.328	1567	1571	1574	rBV	1027957	844664	29.18%	4.122%
23	11.351	1574	1575	1578	rVV	103235	66692	2.30%	0.325%
24	11.398	1580	1583	1588	rVB2	43267	45320	1.57%	0.221%
25	11.657	1624	1627	1631	rVB	80163	64263	2.22%	0.314%
26	11.863	1659	1662	1672	rBV	163762	169185	5.84%	0.826%
27	11.945	1673	1676	1679	rBV3	38366	38859	1.34%	0.190%
28	12.463	1761	1764	1768	rVB	120186	99025	3.42%	0.483%
29	12.545	1775	1778	1781	rBV	65093	64395	2.22%	0.314%
30	12.580	1781	1784	1790	rVV6	27830	45330	1.57%	0.221%
31	12.657	1794	1797	1801	rVB2	41746	43647	1.51%	0.213%
32	12.745	1809	1812	1814	rBV2	33967	33641	1.16%	0.164%
33	12.775	1814	1817	1820	rVB	65619	55716	1.92%	0.272%
34	12.927	1838	1843	1846	rBV	1878484	1728224	59.69%	8.434%
35	13.033	1858	1861	1866	rVB	65379	60976	2.11%	0.298%
36	13.310	1904	1908	1913	rBV2	48633	77784	2.69%	0.380%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.463	1932	1934	1937	rBV2	36984	38312	1.32%	0.187%
38	13.780	1985	1988	1996	rVB	63075	67885	2.34%	0.331%
39	13.963	2015	2019	2020	rBV	237866	250334	8.65%	1.222%
40	13.980	2020	2022	2032	rVB	658010	645761	22.31%	3.151%
41	14.469	2097	2105	2107	rBV2	50410	86586	2.99%	0.423%
42	14.757	2151	2154	2156	rBV	44300	47982	1.66%	0.234%
43	15.463	2269	2274	2282	rBV	499335	627631	21.68%	3.063%
44	15.521	2282	2284	2293	rVB5	21553	36567	1.26%	0.178%
45	15.980	2357	2362	2368	rBV5	19535	42327	1.46%	0.207%

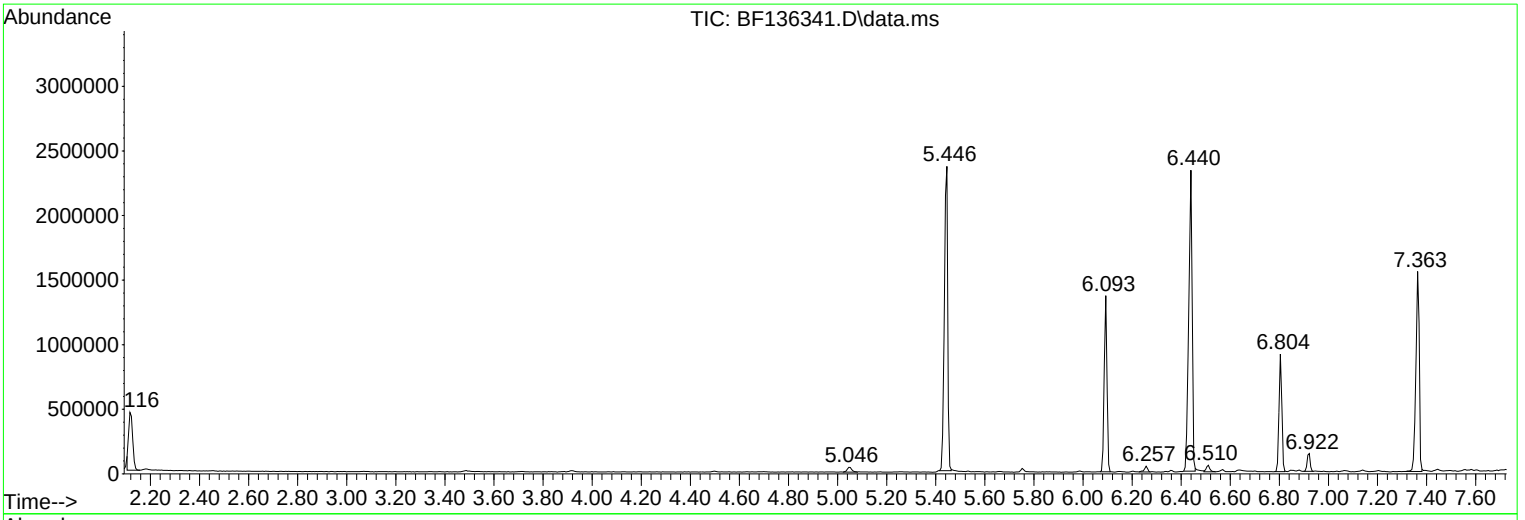
Sum of corrected areas: 20491161

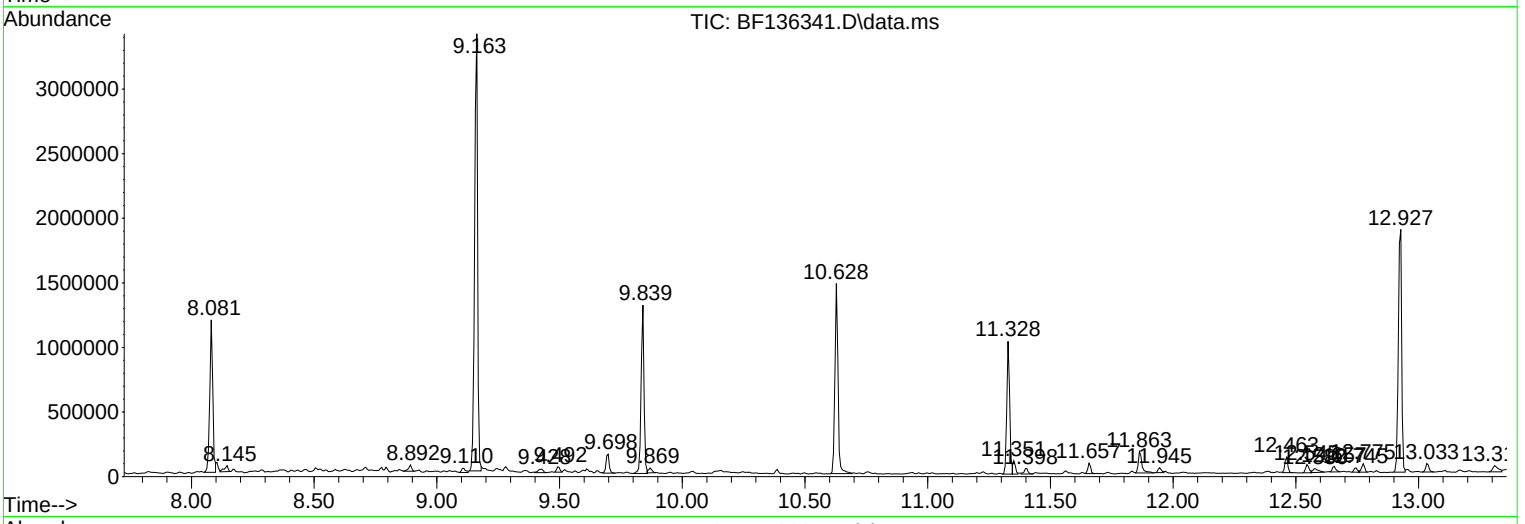
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

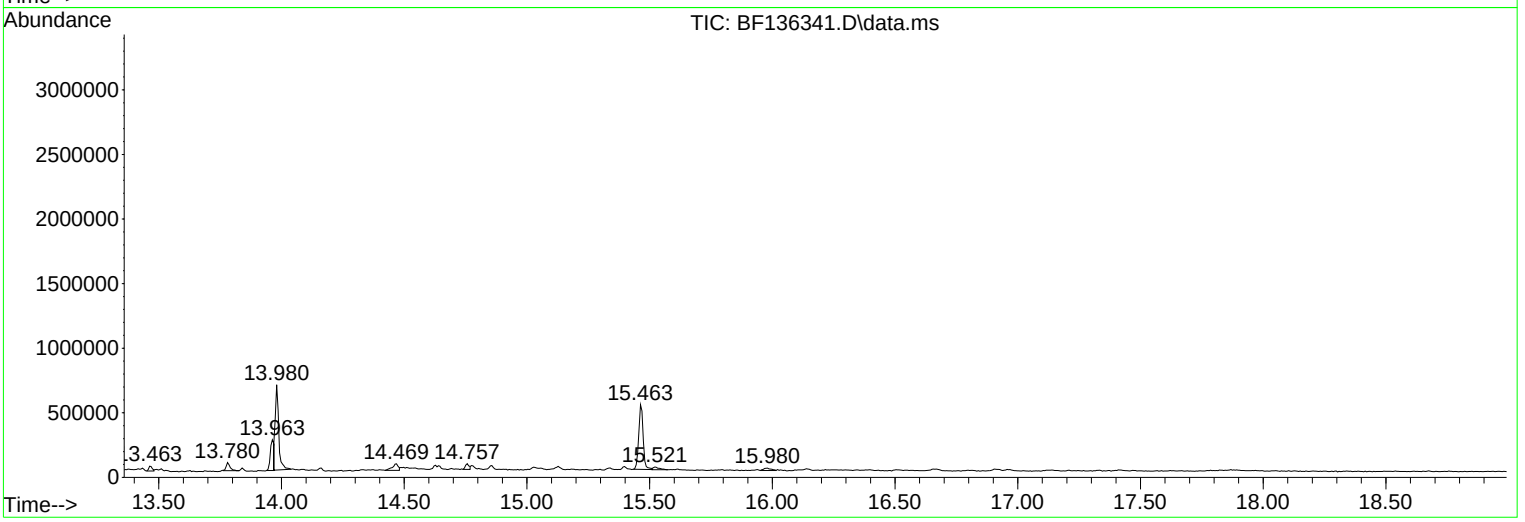
Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

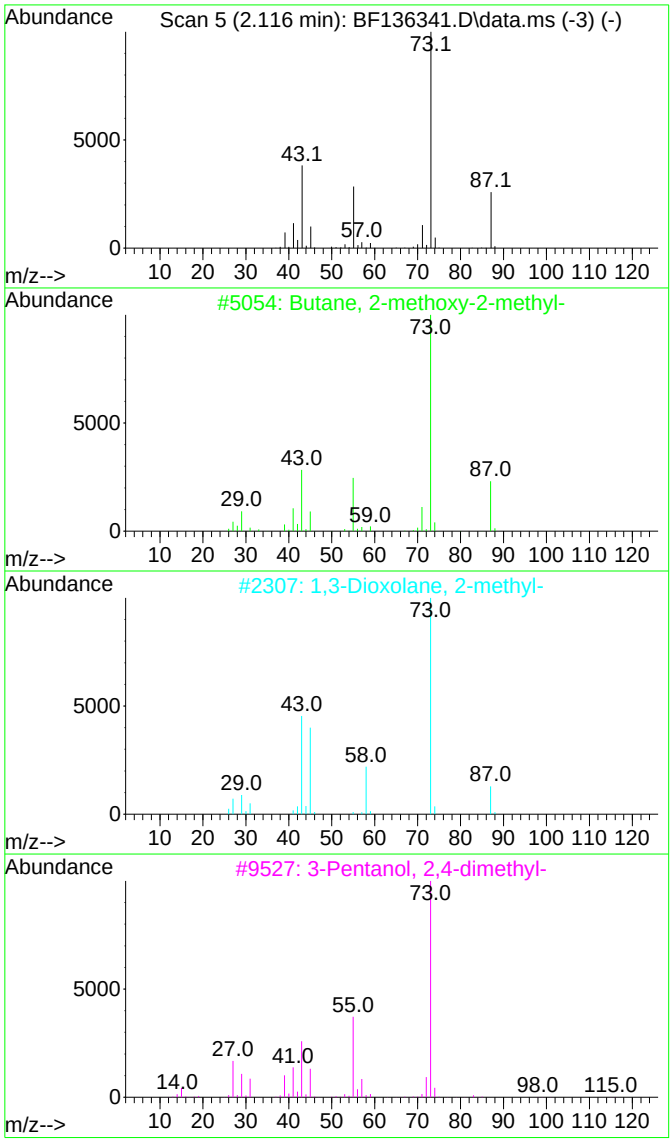
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

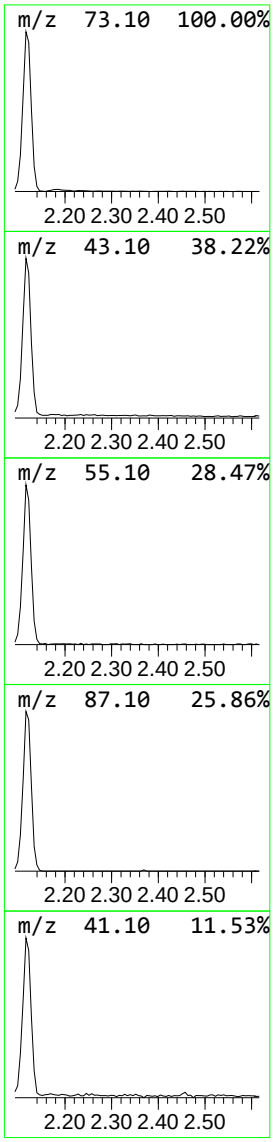
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	14.62 ng	514774	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

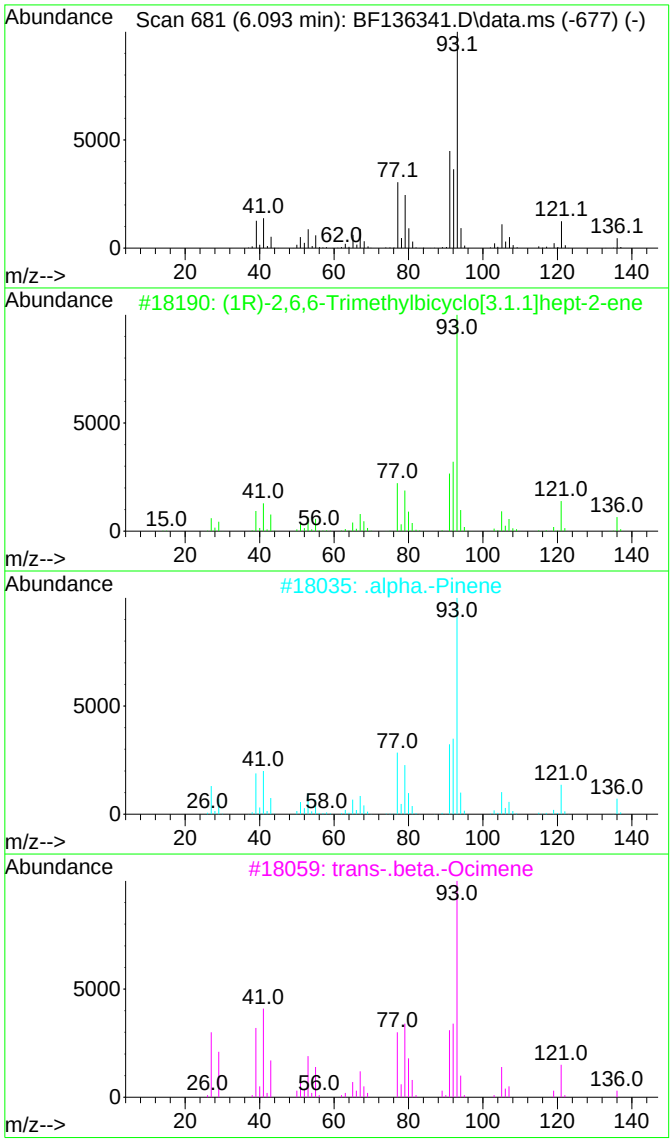
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

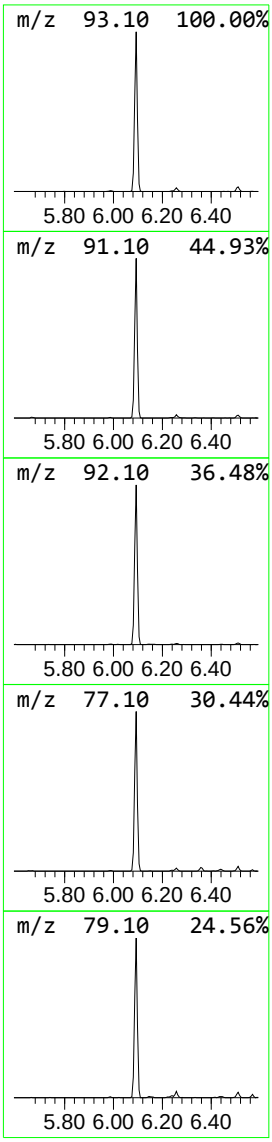
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.093	30.57 ng	1076290	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

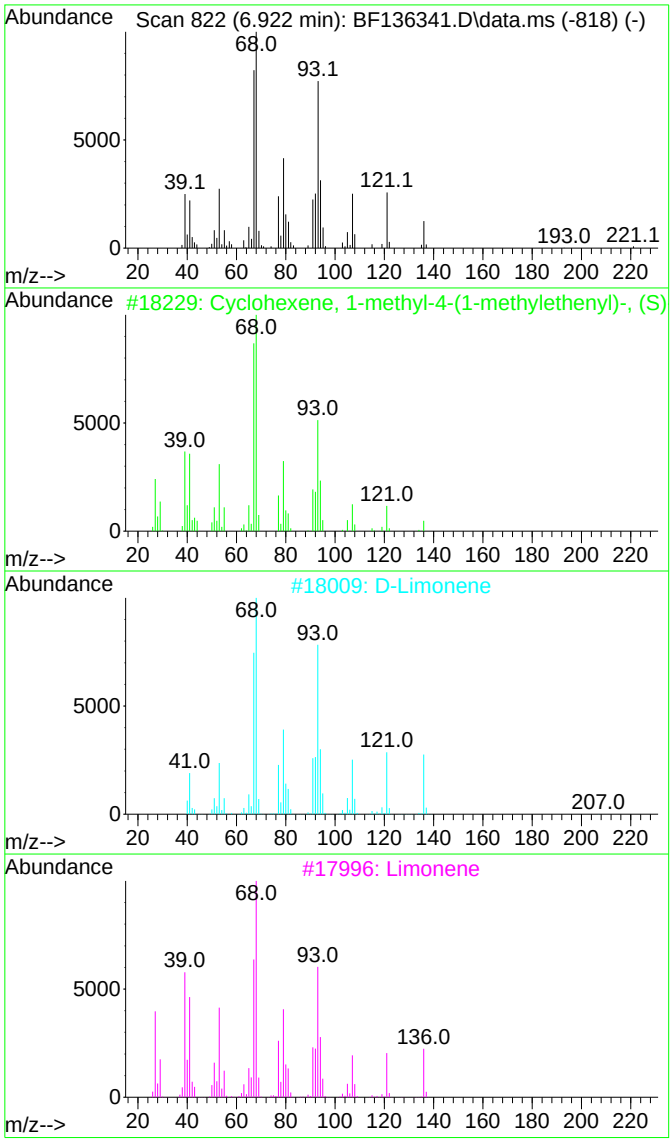
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

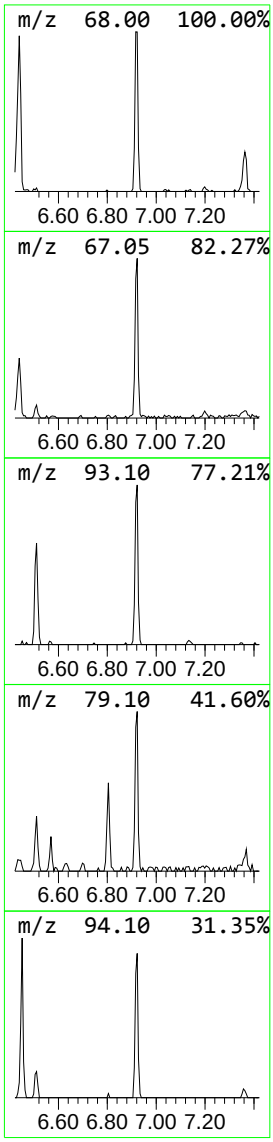
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	3.37 ng	118645	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	97
2	D-Limonene	136	C10H16	005989-27-5	97
3	Limonene	136	C10H16	000138-86-3	91
4	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	74
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

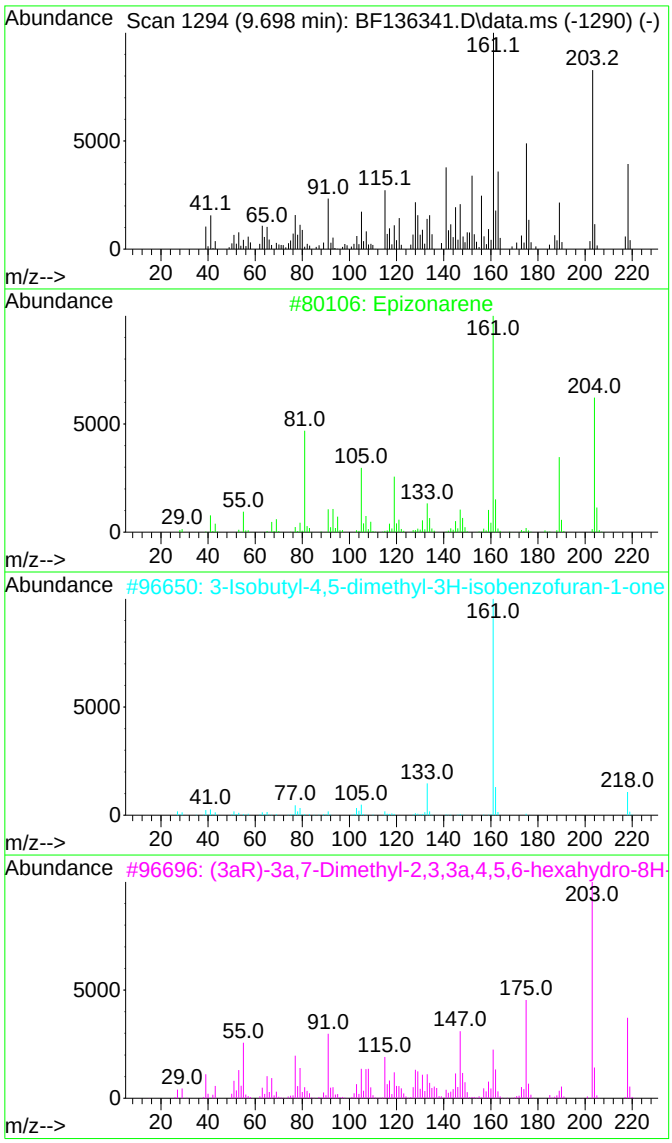
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

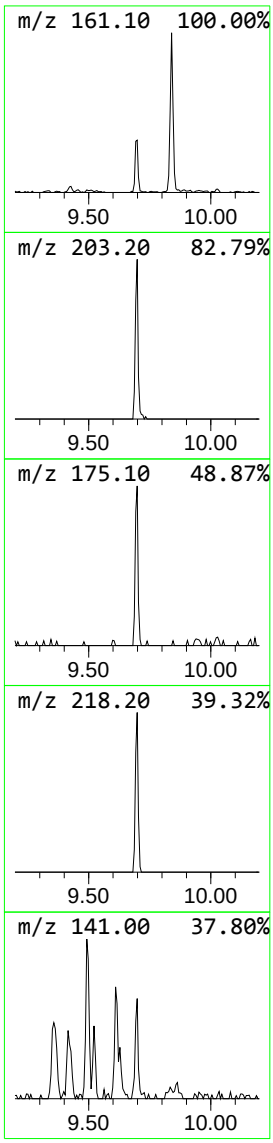
****

Peak Number 4 unknown9.698 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	2.46 ng	131031	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Epizonarene	204	C15H24	041702-63-0	48
2	3-Isobutyl-4,5-dimethyl-3H-isobe...	218	C14H18O2	1000187-23-3	38
3	(3aR)-3a,7-Dimethyl-2,3,3a,4,5,6...	218	C14H18O2	1000482-61-7	38
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	35
5	4(3H)-Quinazolinone, 7-amino-3-e...	189	C10H11N3O	1000338-19-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

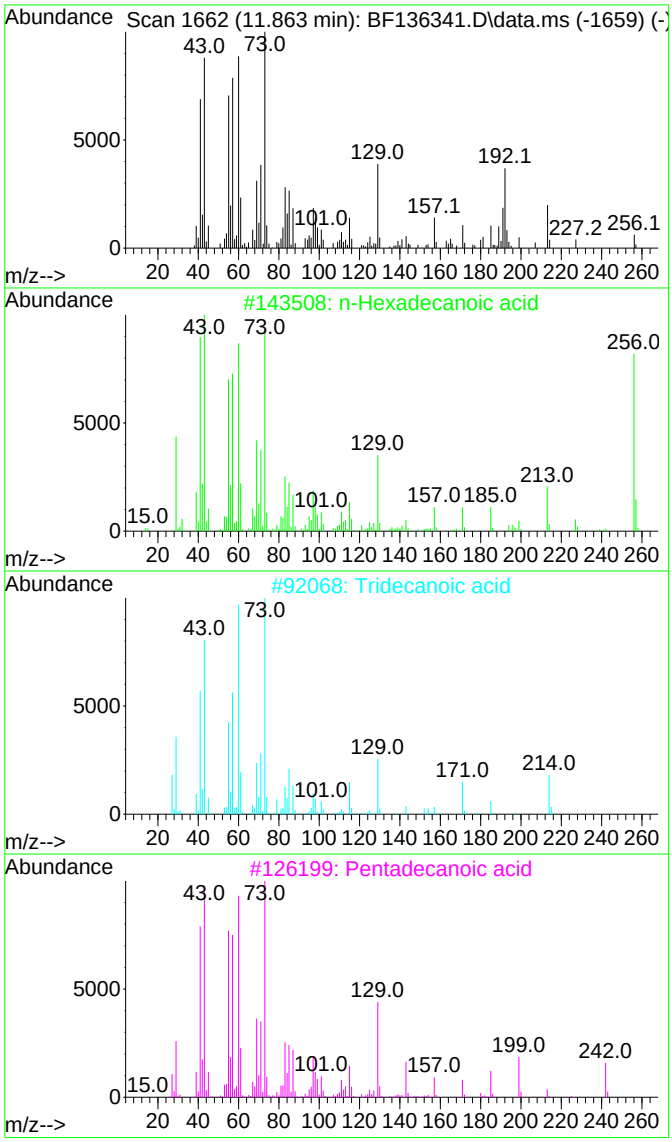
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

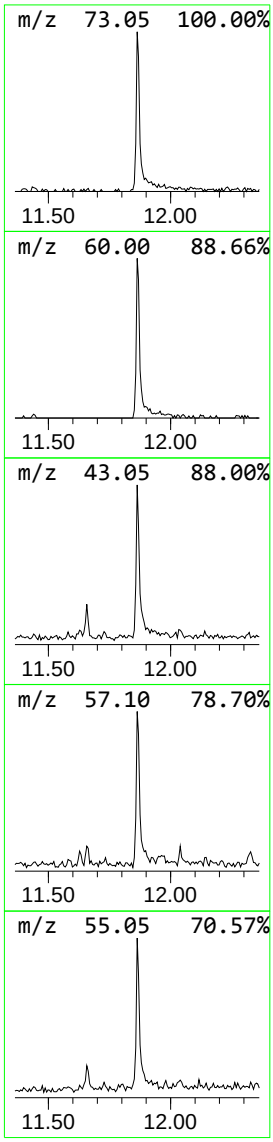
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	4.01 ng	169185	Phenanthrene-d10	11.328

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

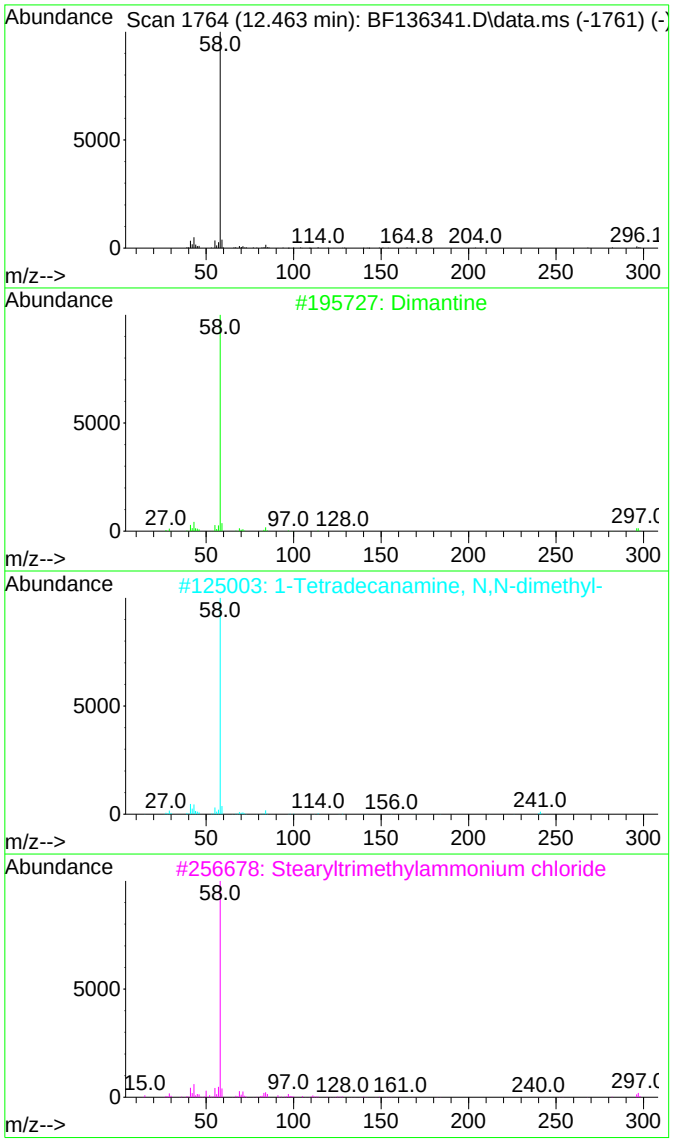
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

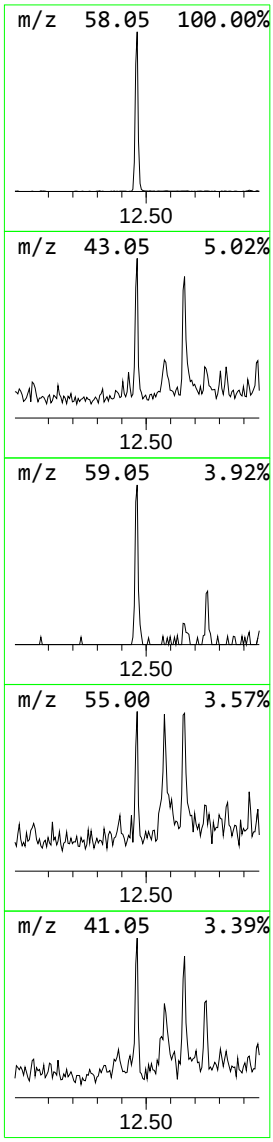
****

Peak Number 6 Dimantine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.34 ng	99025	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimantine	297	C20H43N	000124-28-7	90
2	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	78
3	Stearyltrimethylammonium chloride	347	C21H46ClN	000112-03-8	78
4	Dimethyl palmitamine	269	C18H39N	000112-69-6	72
5	1-Heptadecanamine, N,N-dimethyl-	283	C19H41N	003002-57-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

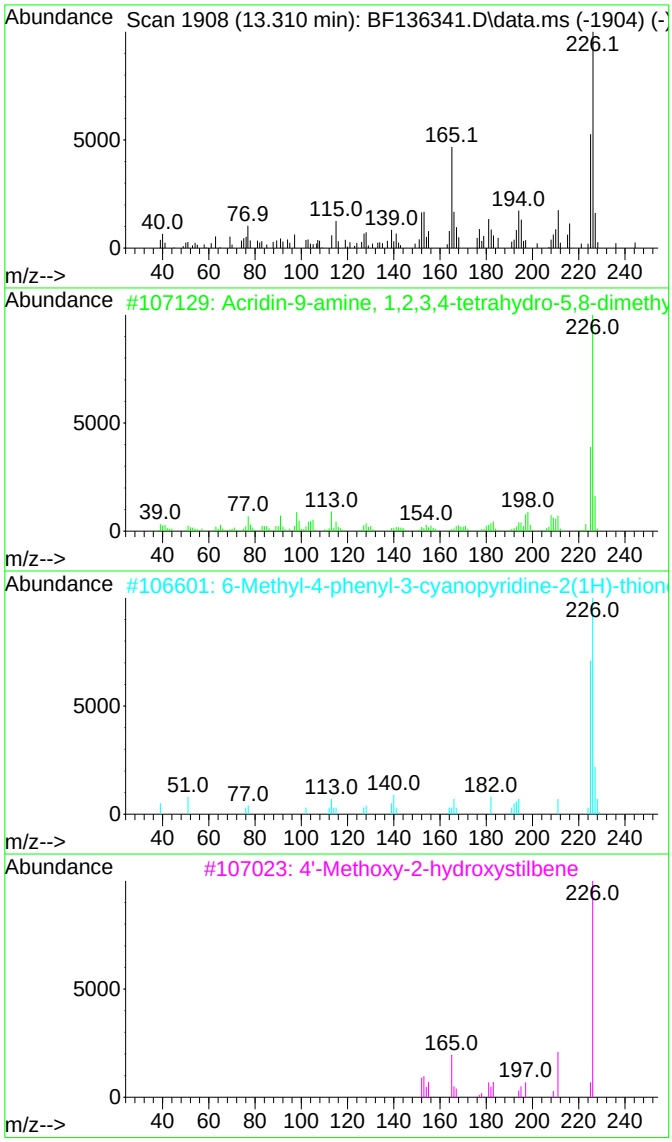
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

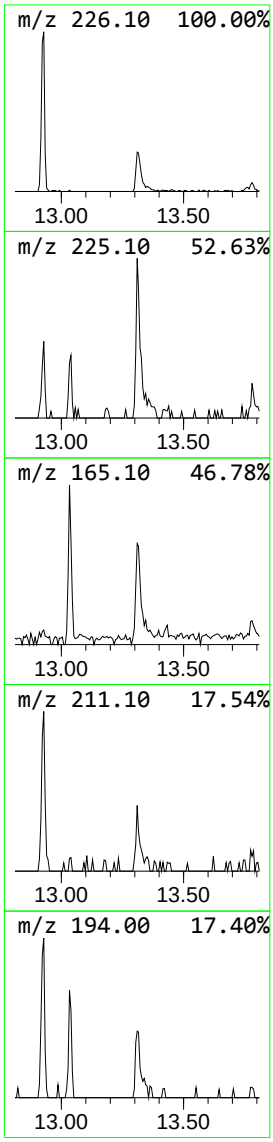
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	2.41 ng	77784	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	62
2	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	58
3	4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	53
4	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	52
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

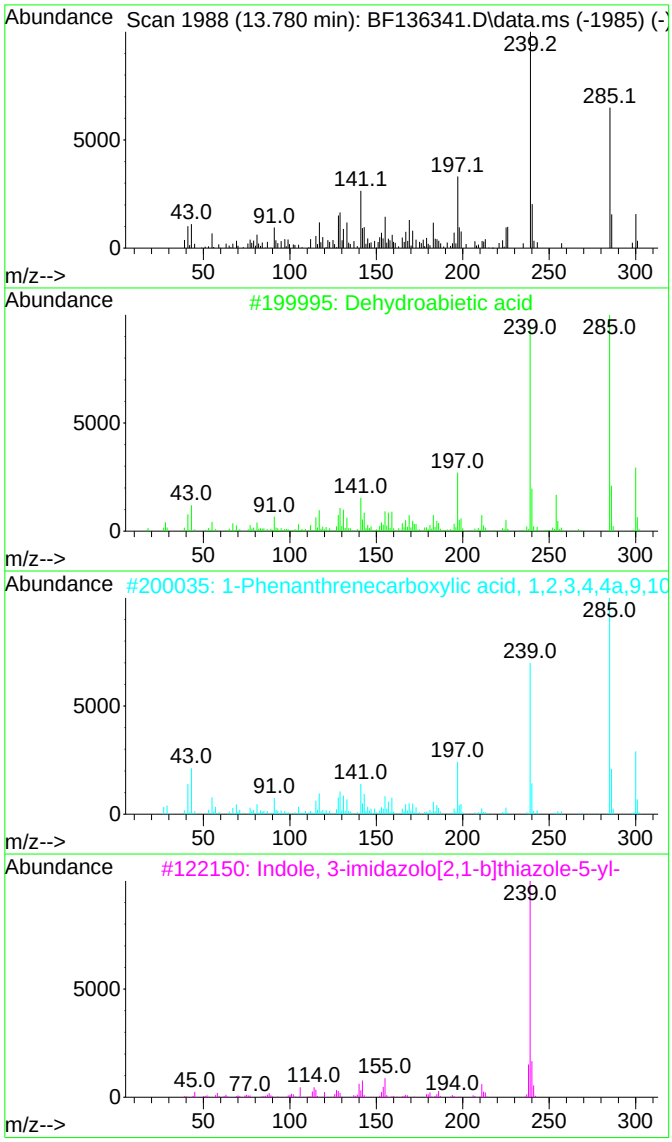
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

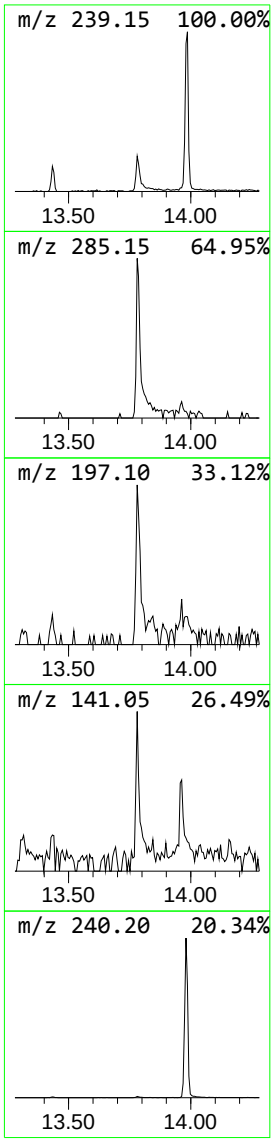
****

Peak Number 8 Dehydroabietic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.10 ng	67885	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	38
4	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	38
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

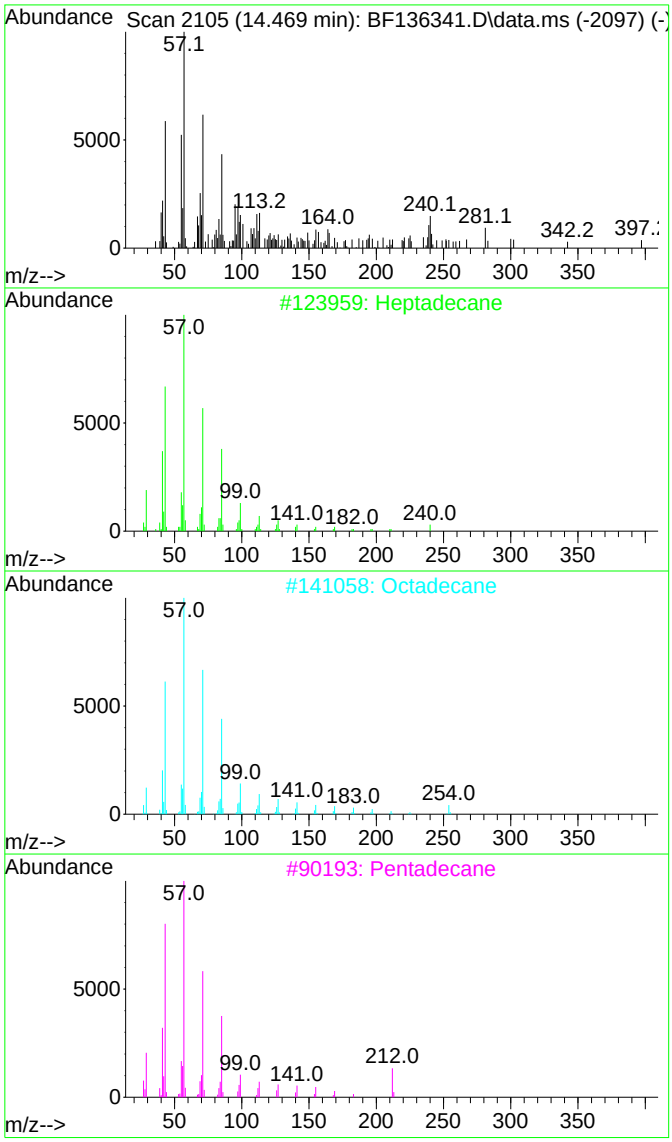
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

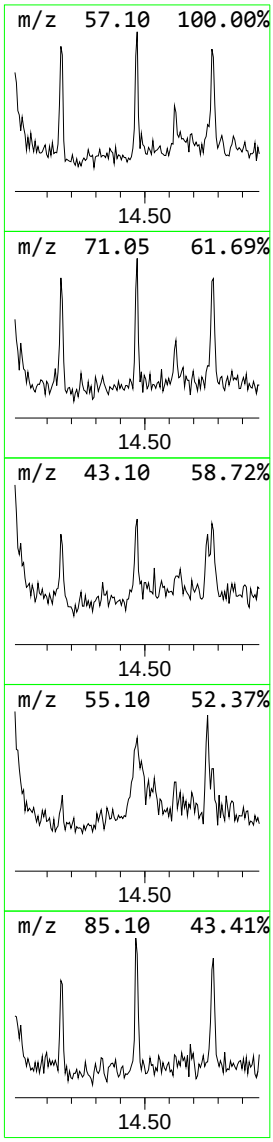
****

Peak Number 9 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	2.68 ng	86586	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Pentadecane	212	C15H32	000629-62-9	55
4	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	55
5	Hexadecane	226	C16H34	000544-76-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136341.D
Acq On : 01 Dec 2023 16:59
Operator : CG\JU
Sample : 05366-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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...	2.116	14.6	ng	514774	1	6.804	704043	20.0
(1R)-2,6,6-Trim...	6.093	30.6	ng	1076290	1	6.804	704043	20.0
Cyclohexene, 1-...	6.922	3.4	ng	118645	1	6.804	704043	20.0
unknown9.698	9.698	2.5	ng	131031	3	9.839	1065140	20.0
n-Hexadecanoic ...	11.863	4.0	ng	169185	4	11.328	844664	20.0
Dimantine	12.463	2.3	ng	99025	4	11.328	844664	20.0
Acridin-9-amine...	13.310	2.4	ng	77784	5	13.980	645761	20.0
Dehydroabietic ...	13.780	2.1	ng	67885	5	13.980	645761	20.0
Heptadecane	14.469	2.7	ng	86586	5	13.980	645761	20.0