LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.381	197	203	215	rBV	496896	685719	35.81%	3.143%
2	5.010	304	310	323	rVB	834948	1098519	57.37%	5.035%
3	5.463	380	387	399	rBV	597921	873503	45.62%	4.004%
4	5.881	453	458	468	rBV	20140	43509	2.27%	0.199%
5	6.087	488	493	499	rVB	34016	47684	2.49%	0.219%
6	7.093	657	664	673	rBV	574430	898895	46.95%	4.120%
7	7.175	673	678	684	rVB2	15715	28729	1.50%	0.132%
8	7.563	732	744	754	rBV5	17738	54217	2.83%	0.248%
9	7.928	798	806	815	rBV	265893	419594	21.91%	1.923%
10	9.128	1003	1010	1016	rBV	341671	559120	29.20%	2.563%
11	9.757	1113	1117	1126	rBV	26187	49190	2.57%	0.225%
12	10.745	1278	1285	1291	rBV	326884	542866	28.35%	2.488%
13	10.798	1291	1294	1302	rVB2	34696	62096	3.24%	0.285%
14	11.375	1388	1392	1405	rVB5	19201	49431	2.58%	0.227%
15	11.669	1435	1442	1447	rBV	30304	47943	2.50%	0.220%
16	12.081	1507	1512	1517	rVB3	20394	29243	1.53%	0.134%
17	12.292	1545	1548	1554	rVB3	20411	32727	1.71%	0.150%
18	12.404	1561	1567	1577	rVB5	19900	45795	2.39%	0.210%
19	12.716	1615	1620	1624	rBV3	16130	30683	1.60%	0.141%
20	13.028	1668	1673	1680	rBV	58273	81876	4.28%	0.375%
21	13.192	1695	1701	1708	rBV	851743	1256474	65.62%	5.759%
22	13.328	1718	1724	1729	rVB3	29573	52653	2.75%	0.241%
23	13.416	1734	1739	1744	rVB4	24086	41422	2.16%	0.190%
24	13.727	1786	1792	1793	rBV4	20951	33814	1.77%	0.155%
25	13.810	1801	1806	1810	rBV6	18370	39765	2.08%	0.182%
26	13.892	1816	1820	1824	rVB3	31763	47317	2.47%	0.217%
27	13.975	1824	1834	1840	rVV4	112947	234378	12.24%	1.074%
28	14.027	1840	1843	1853	rVB5	33227	61390	3.21%	0.281%
29	14.263	1878	1883	1886	rBV6	28459	49753	2.60%	0.228%
30	14.304	1886	1890	1895	rBV	87359	148779	7.77%	0.682%
31	14.398	1903	1906	1914	rVB4	32007	63056	3.29%	0.289%
32	14.486	1914	1921	1931	rBV9	28809	114107	5.96%	0.523%
33	14.574	1931	1936	1944	rVV	480781	735666	38.42%	3.372%
34	14.639	1944	1947	1959	rVB4	37078	97214	5.08%	0.446%
35	14.892	1987	1990	1994	rVB	51641	61013	3.19%	0.280%
36	14.957	1998	2001	2006	rVB4	41004	54405	2.84%	0.249%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.010	2006	2010	2013	rBV2	56157	84181	4.40%	0.386%
38	15.039	2013	2015	2020	rVB2	46758	57457	3.00%	0.263%
39	15.239	2045	2049	2055	rVB3	49588	82944	4.33%	0.380%
40	15.351	2065	2068	2072	rVB	70698	77038	4.02%	0.353%
41	15.398	2074	2076	2081	rVB2	44906	67752	3.54%	0.311%
42	15.463	2081	2087	2090	rBV4	37509	73722	3.85%	0.338%
43	15.745	2130	2135	2141	rBV	380015	613210	32.03%	2.811%
44	15.974	2171	2174	2180	rBV	84260	116319	6.07%	0.533%
45	16.074	2185	2191	2200	rVB	680423	1083101	56.57%	4.964%
46	16.227	2211	2217	2222	rBV	964652	1462944	76.40%	6.705%
47	16.474	2256	2259	2264	rBV4	68543	112294	5.86%	0.515%
48	16.551	2269	2272	2276	rVV	75031	112521	5.88%	0.516%
49	16.674	2290	2293	2297	rBV3	58011	87829	4.59%	0.403%
50	16.786	2309	2312	2315	rBV2	71650	107378	5.61%	0.492%
51	16.833	2318	2320	2324	rVV	65843	85436	4.46%	0.392%
52	17.010	2347	2350	2353	rBV	276064	314467	16.42%	1.441%
53	17.051	2353	2357	2362	rVB	1120205	1495696	78.11%	6.855%
54	17.327	2400	2404	2409	rBV	560015	754012	39.38%	3.456%
55	17.657	2457	2460	2465	rVB	447262	605987	31.65%	2.777%
56	17.751	2472	2476	2480	rBV	393616	470850	24.59%	2.158%
57	18.445	2591	2594	2599	rVB	324493	371124	19.38%	1.701%
58	18.898	2667	2671	2677	rVB	437583	771354	40.28%	3.535%
59	19.080	2699	2702	2705	rBV	308260	368922	19.27%	1.691%
60	19.386	2751	2754	2757	rBV	309860	353355	18.45%	1.620%
61	19.757	2814	2817	2821	rVB	418793	500753	26.15%	2.295%
62	19.945	2845	2849	2856	rBV	1580287	1914748	100.00%	8.776%
63	21.515	3112	3116	3120	rVB2	671528	900270	47.02%	4.126%

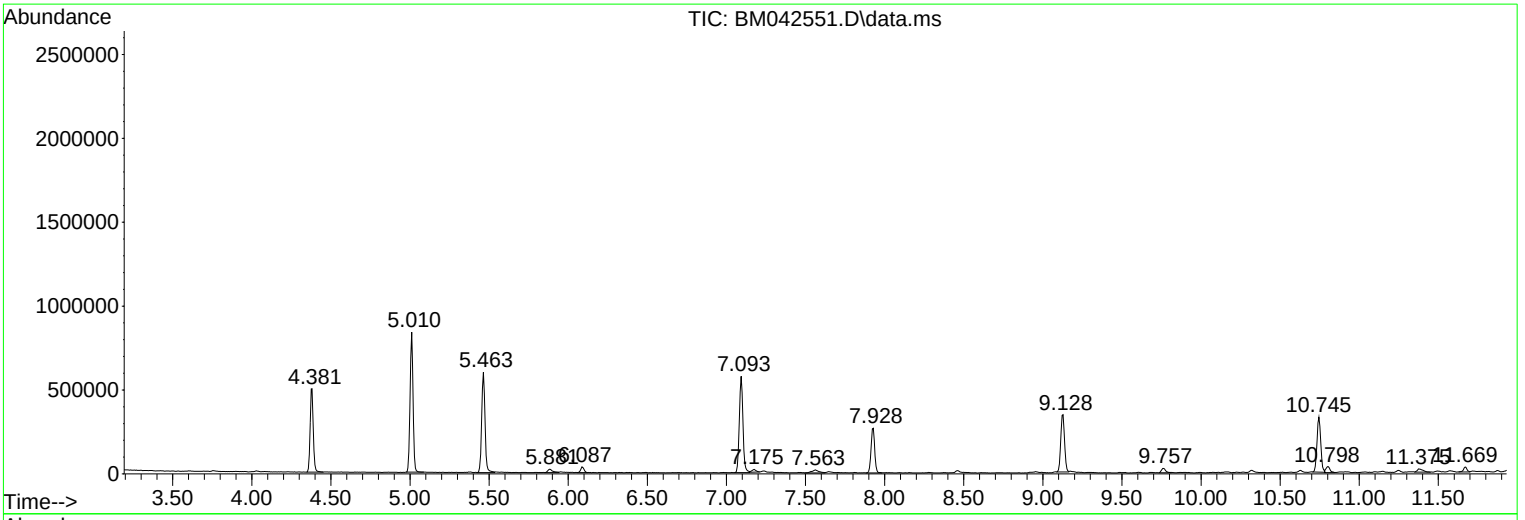
Sum of corrected areas: 21818209

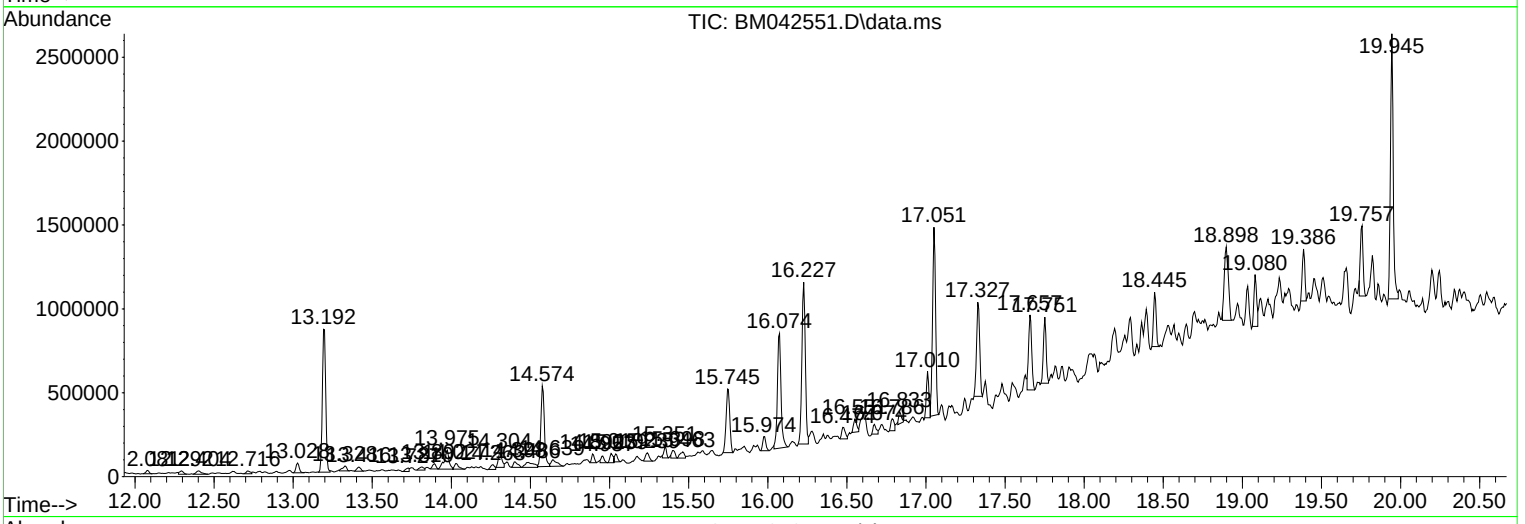
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

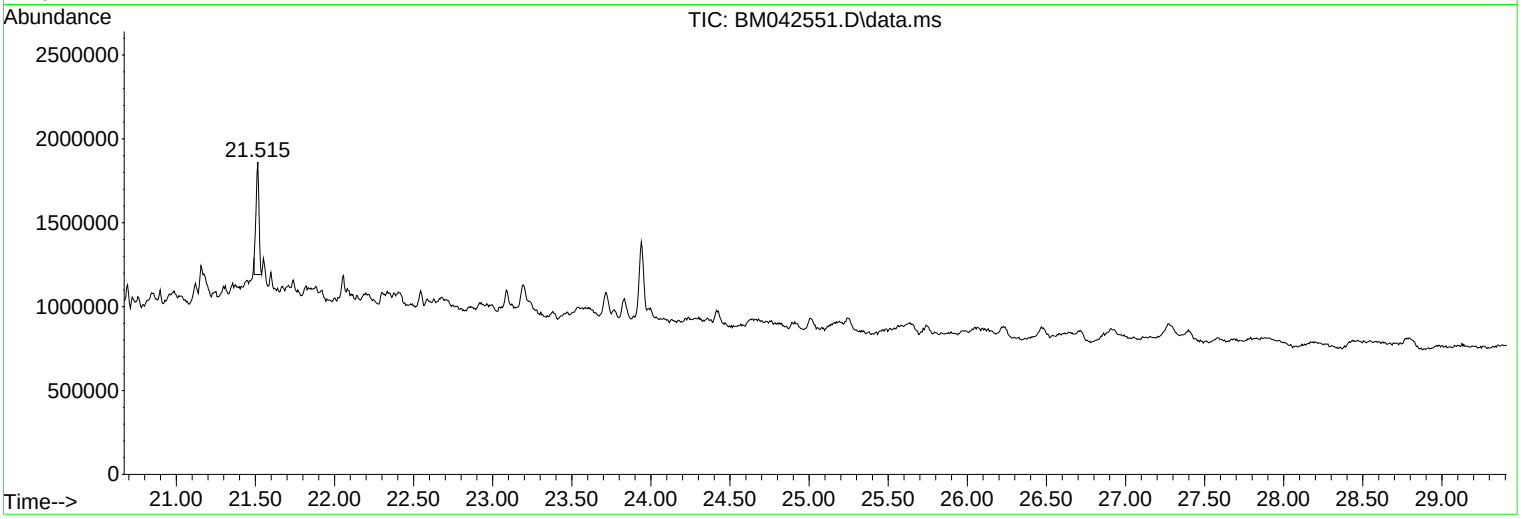
Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

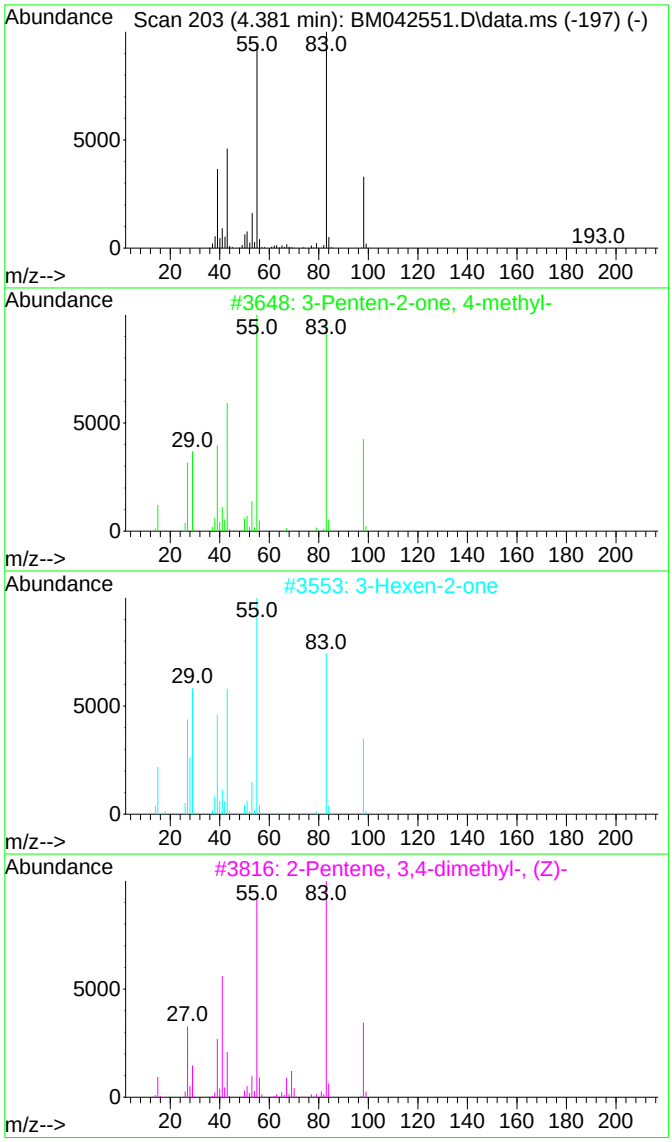
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

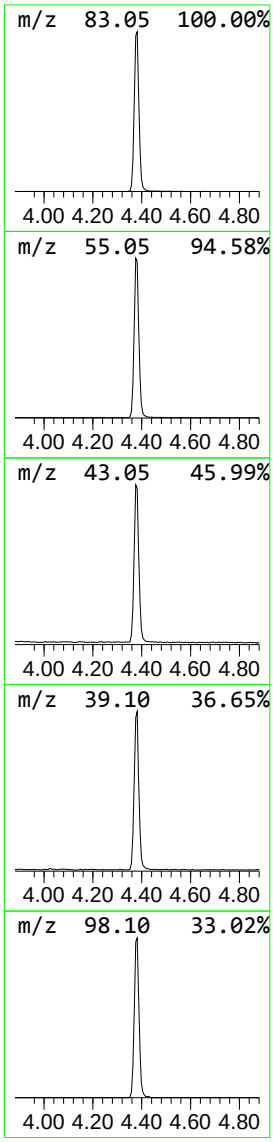
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.381	32.68 ng	685719	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

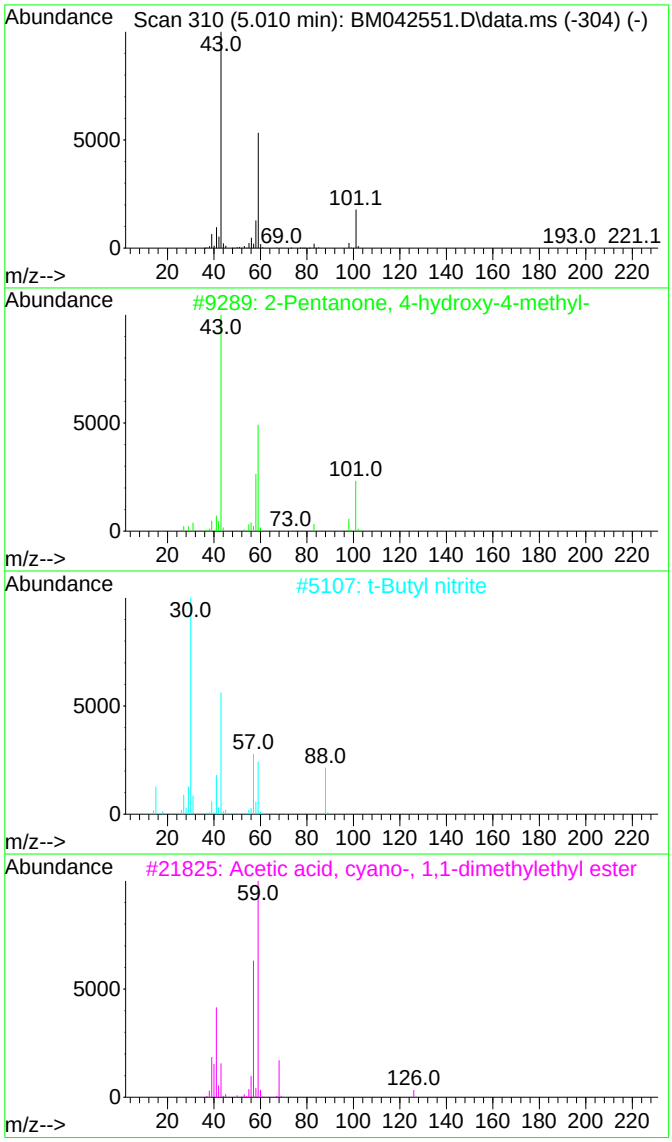
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

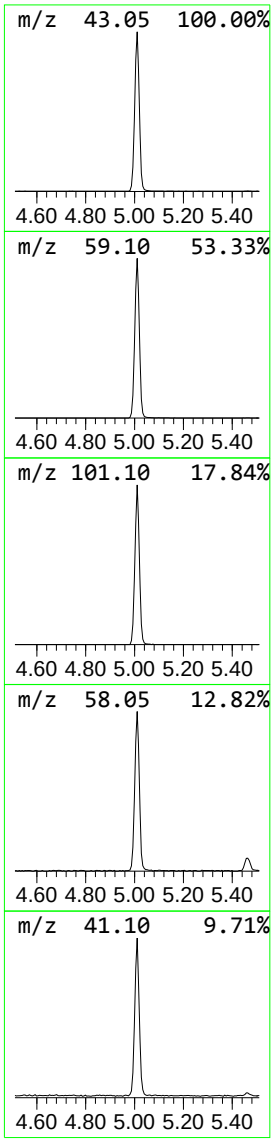
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	52.36 ng	1098520	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

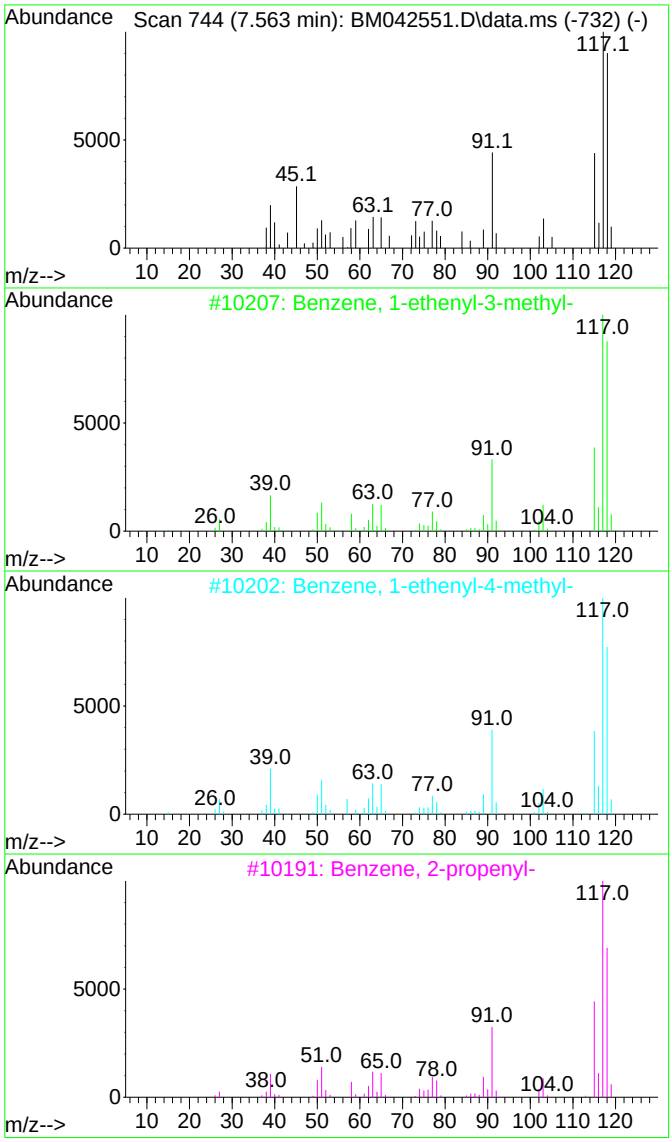
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

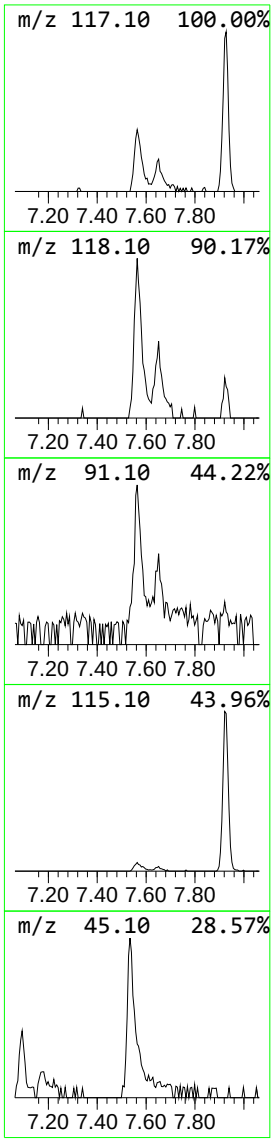
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	2.58 ng	54217	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	96
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

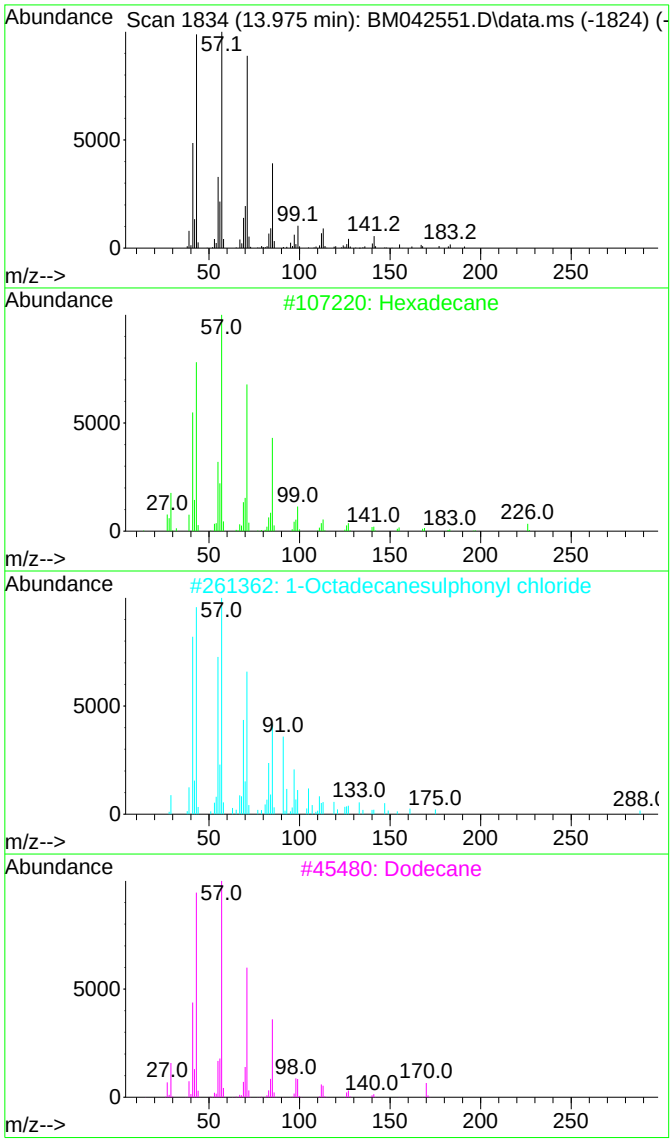
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

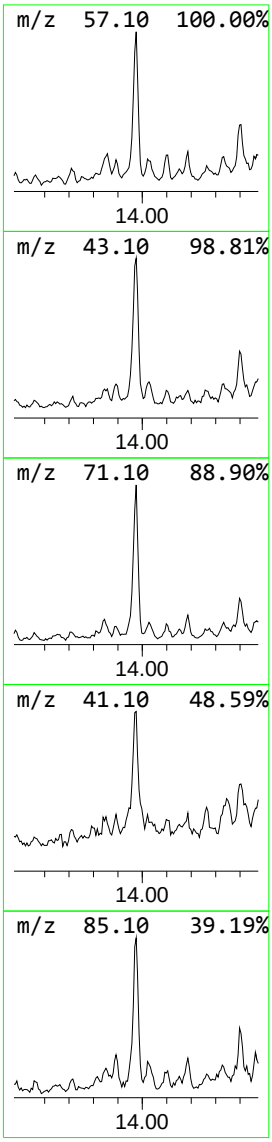
****

Peak Number 4 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	6.37 ng	234378	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3	Dodecane	170	C12H26	000112-40-3	90
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

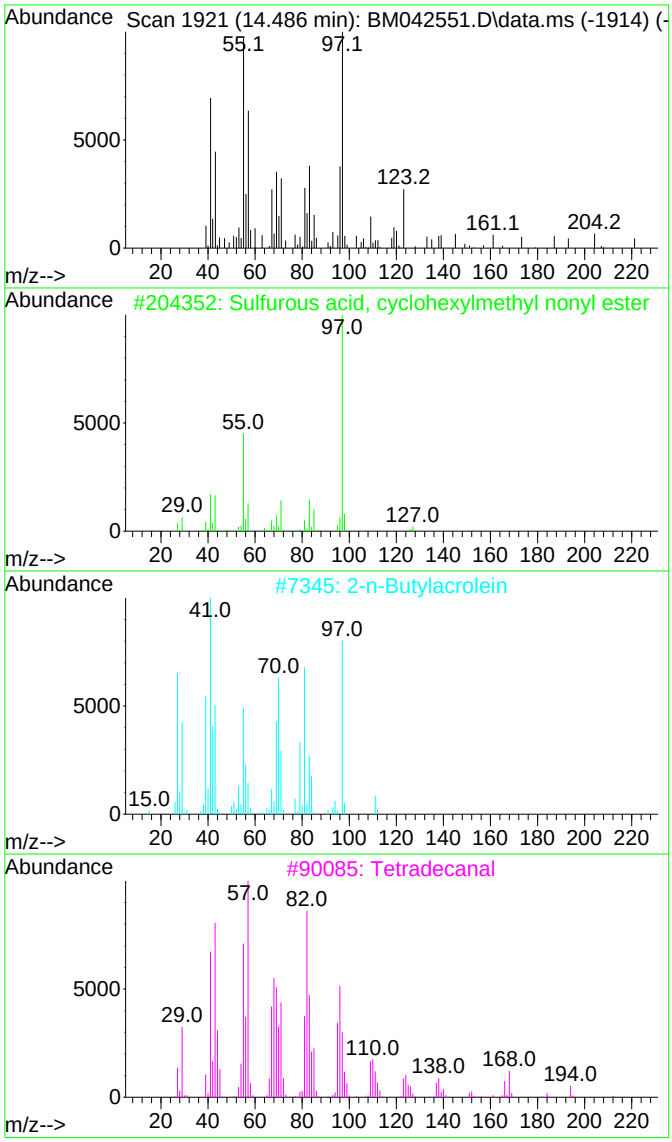
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

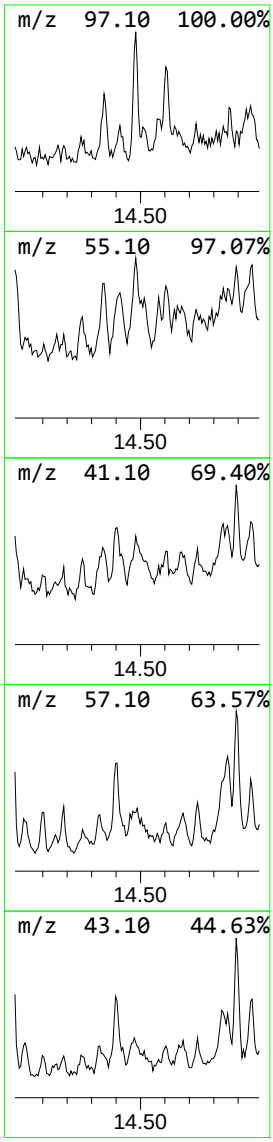
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, cyclohexylm... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	3.10 ng	114107	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	50
2	2-n-Butylacrolein	112	C7H12O	001070-66-2	43
3	Tetradecanal	212	C14H28O	000124-25-4	43
4	Tridecanal	198	C13H26O	010486-19-8	38
5	Carbonic acid, dithio-, S-methyl...	204	C9H16OS2	015288-12-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

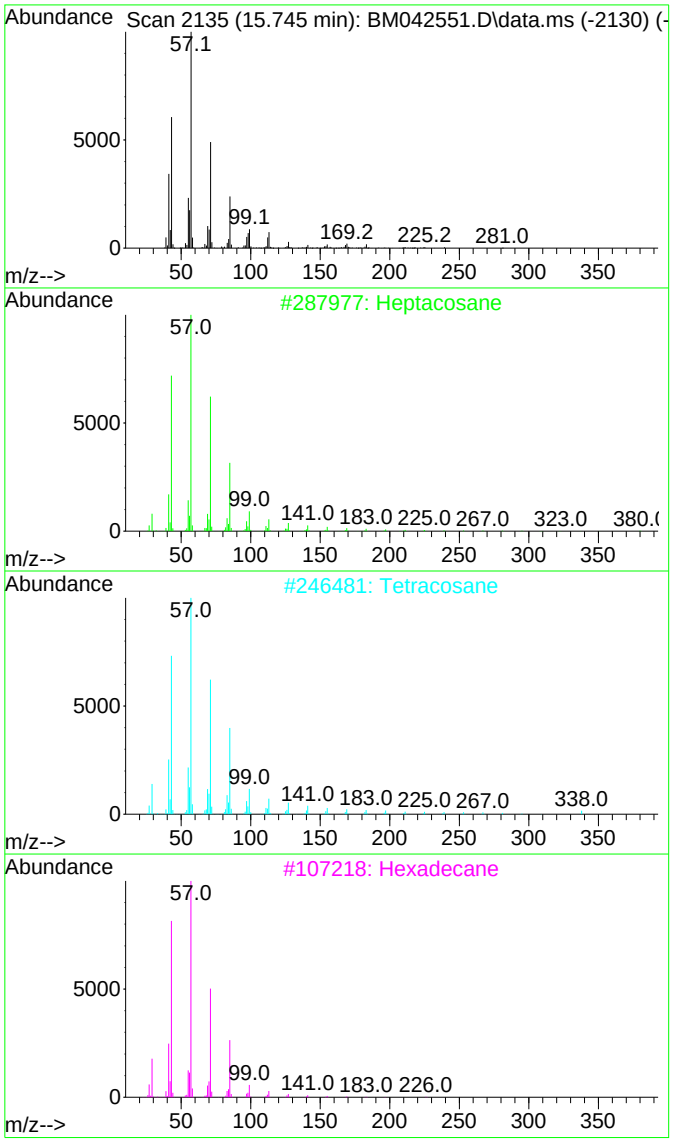
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

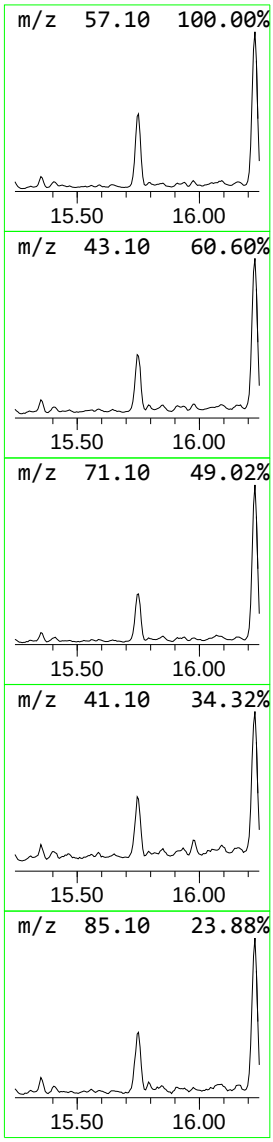
****

Peak Number 7 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	16.67 ng	613210	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

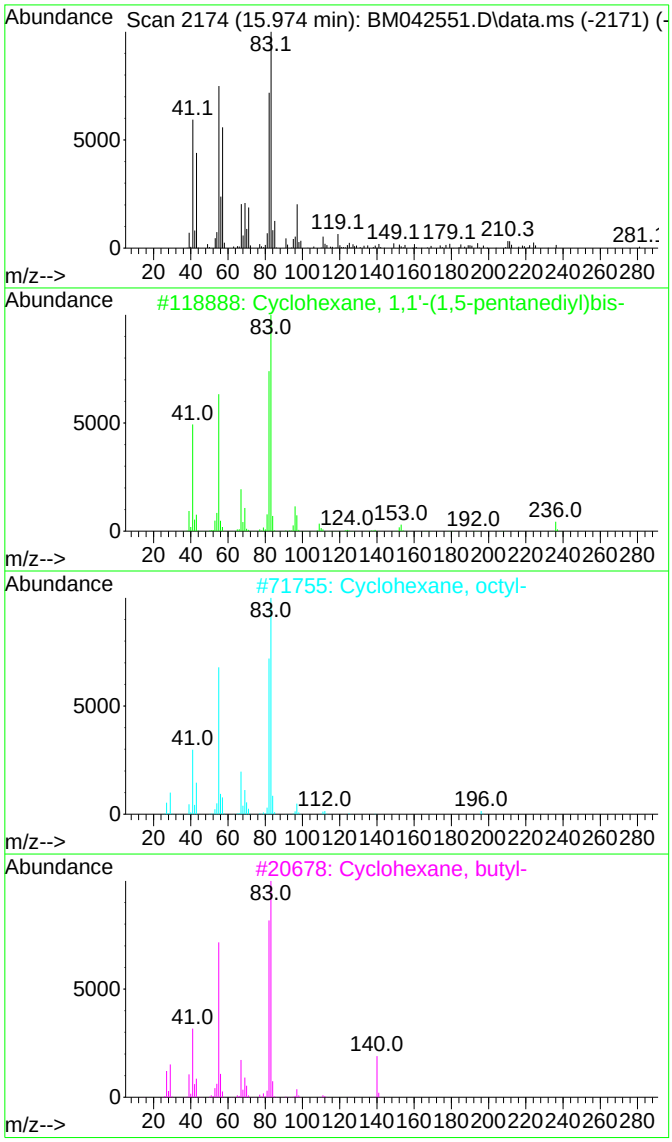
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

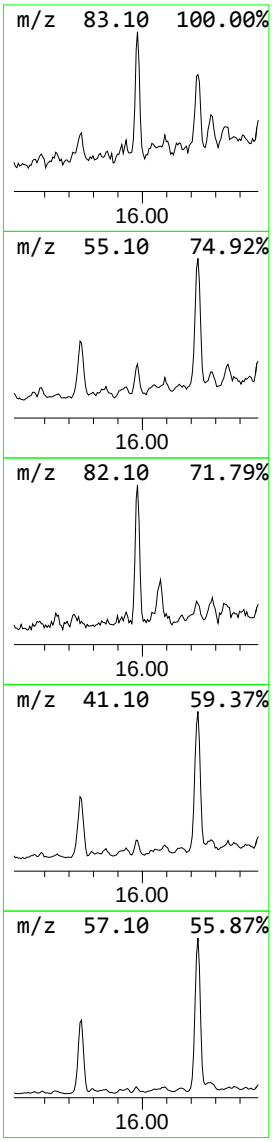
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,1'-(1,5-pent... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	3.09 ng	116319	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,5-pentanedi...	236	C17H32	054833-31-7	72
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

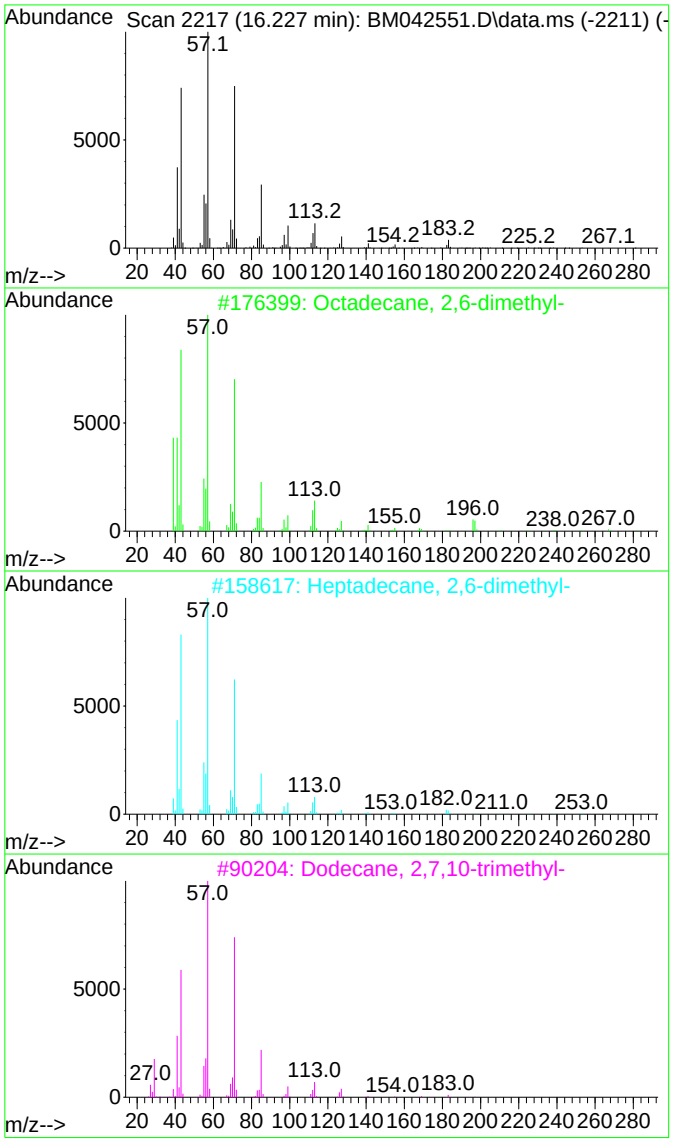
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

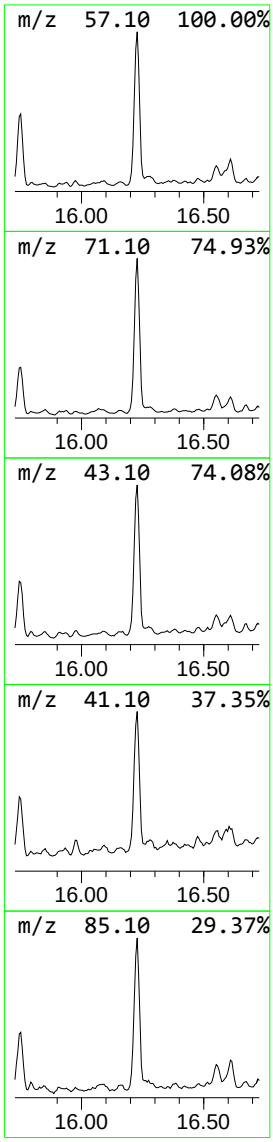
****

Peak Number 9 Octadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	38.80 ng	1462940	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	87
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

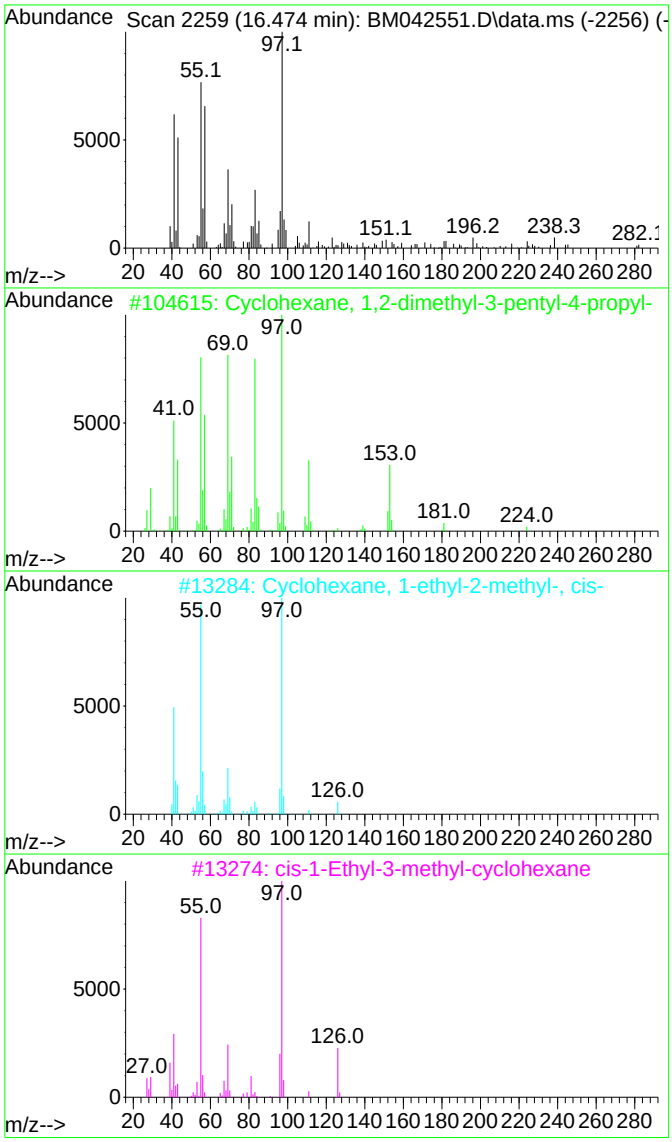
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

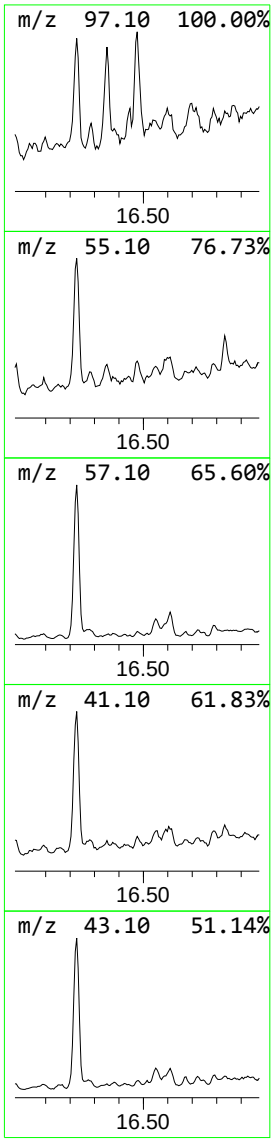
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.474	2.98 ng	112294	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	52
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	52
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	50
4	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	49
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

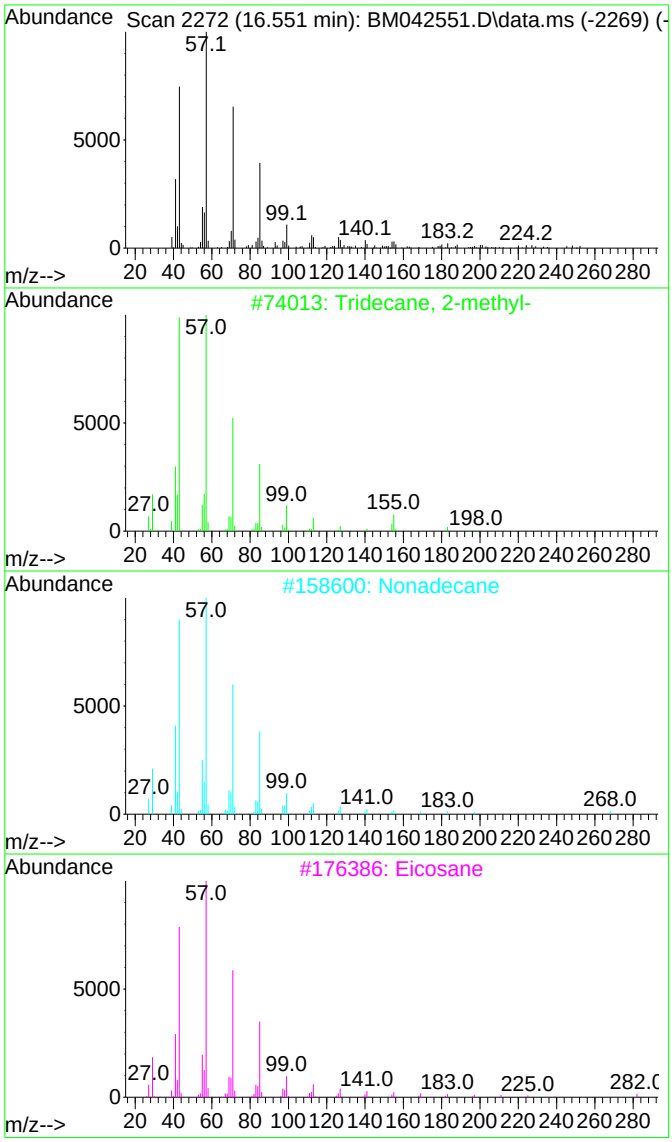
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

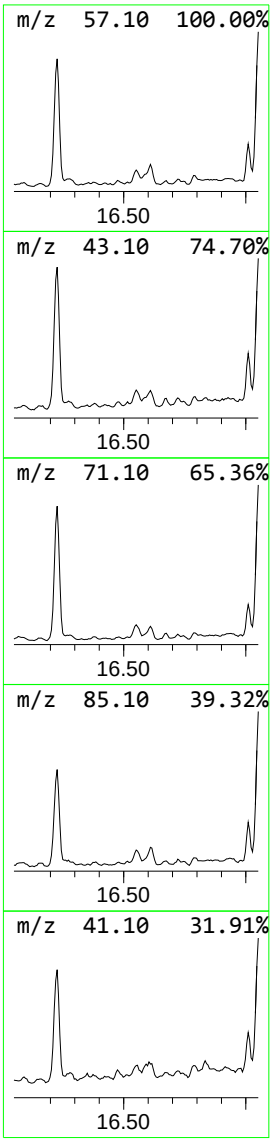
****

Peak Number 11 Tridecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	2.98 ng	112521	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Nonadecane	268	C19H40	000629-92-5	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

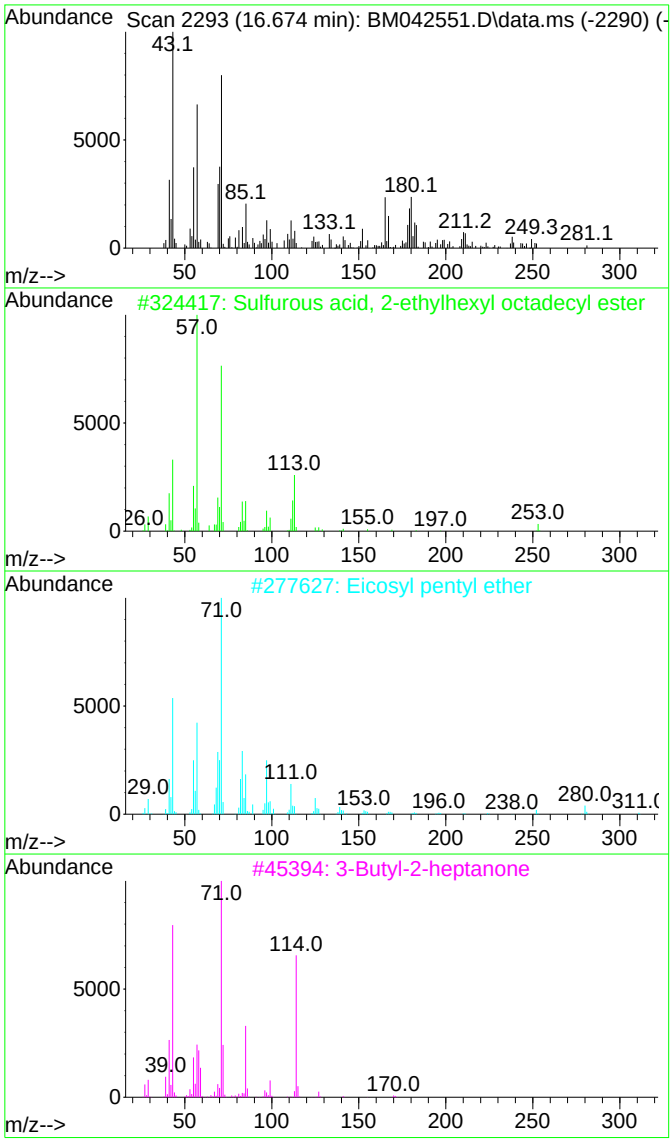
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

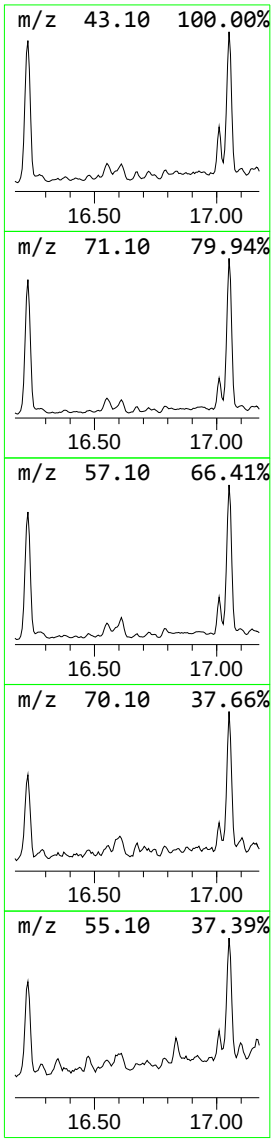
****

Peak Number 12 unknown16.674 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	2.33 ng	87829	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	43
2	Eicosyl pentyl ether	368	C25H52O	1000406-42-0	43
3	3-Butyl-2-heptanone	170	C11H22O	000997-69-3	43
4	Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	43
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

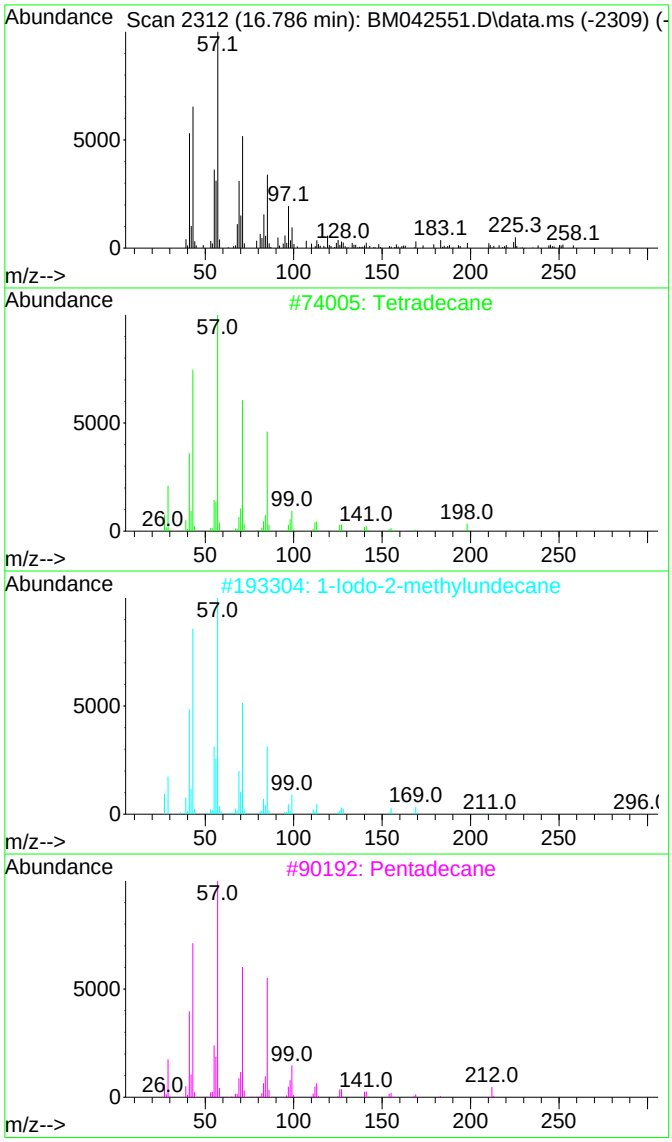
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

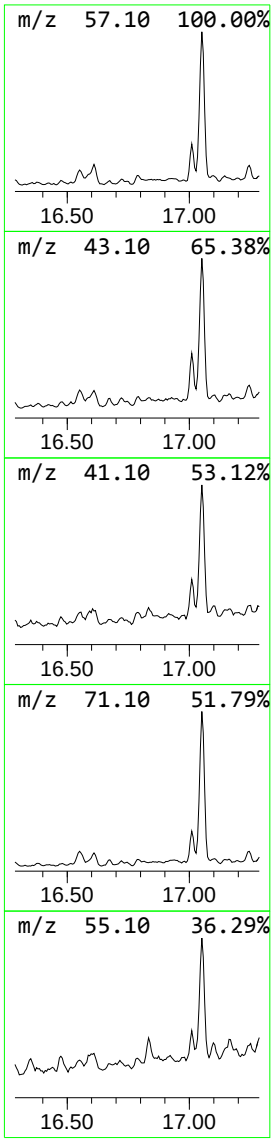
****

Peak Number 13 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	2.85 ng	107378	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Pentadecane	212	C15H32	000629-62-9	70
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

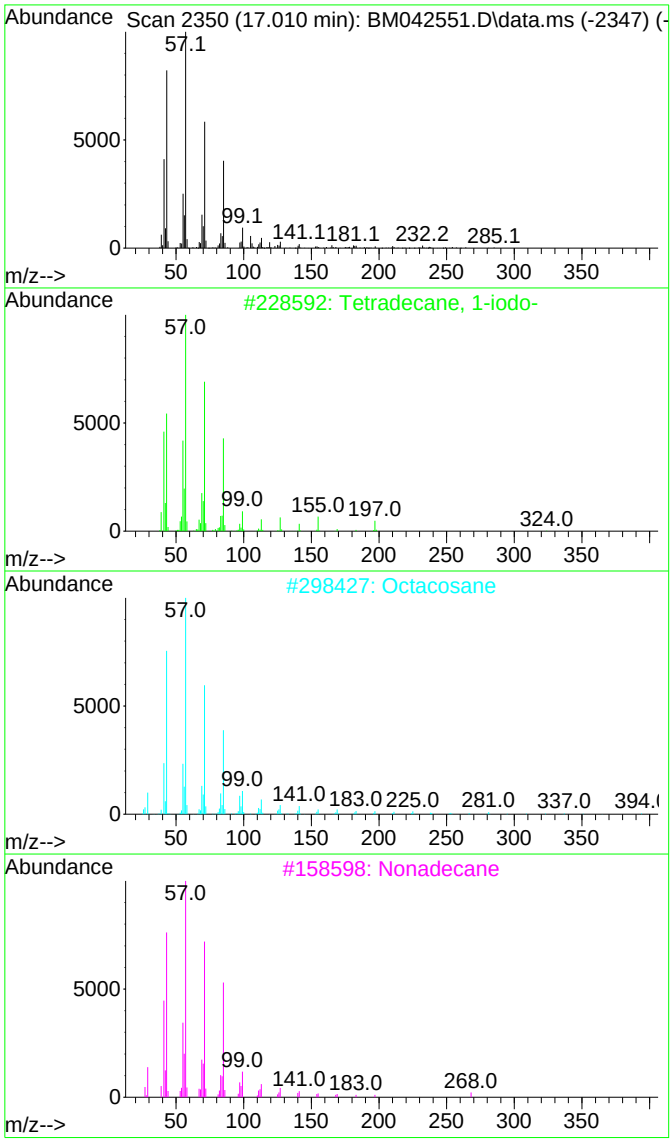
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

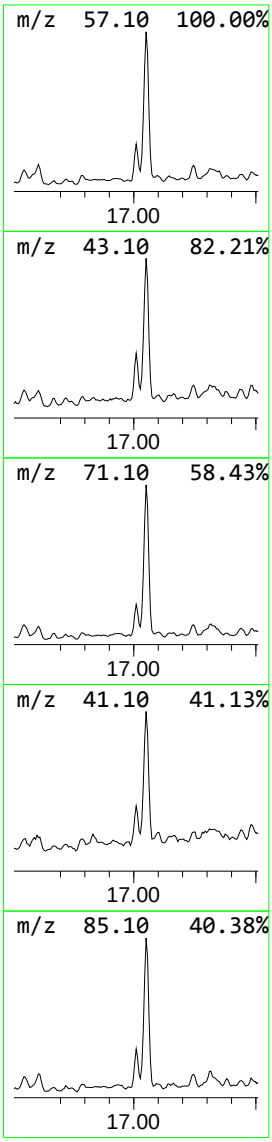
****

Peak Number 14 Tetradecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	8.34 ng	314467	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

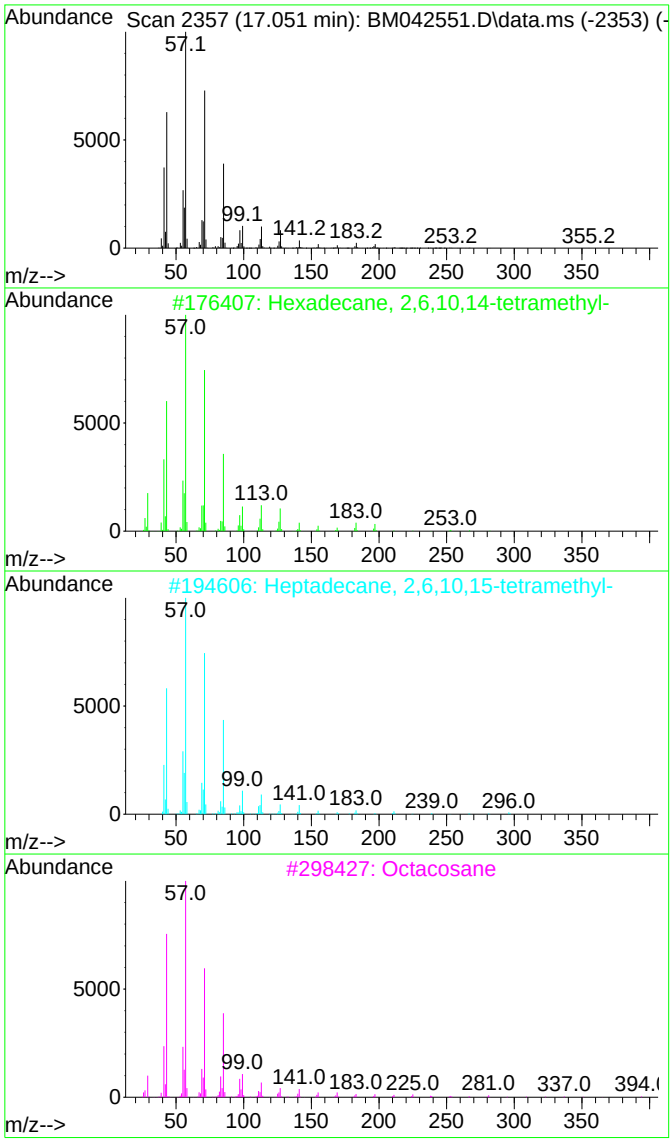
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

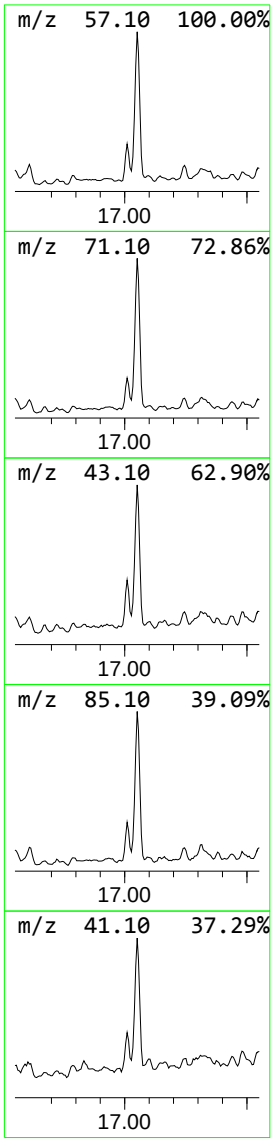
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	39.67 ng	1495700	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

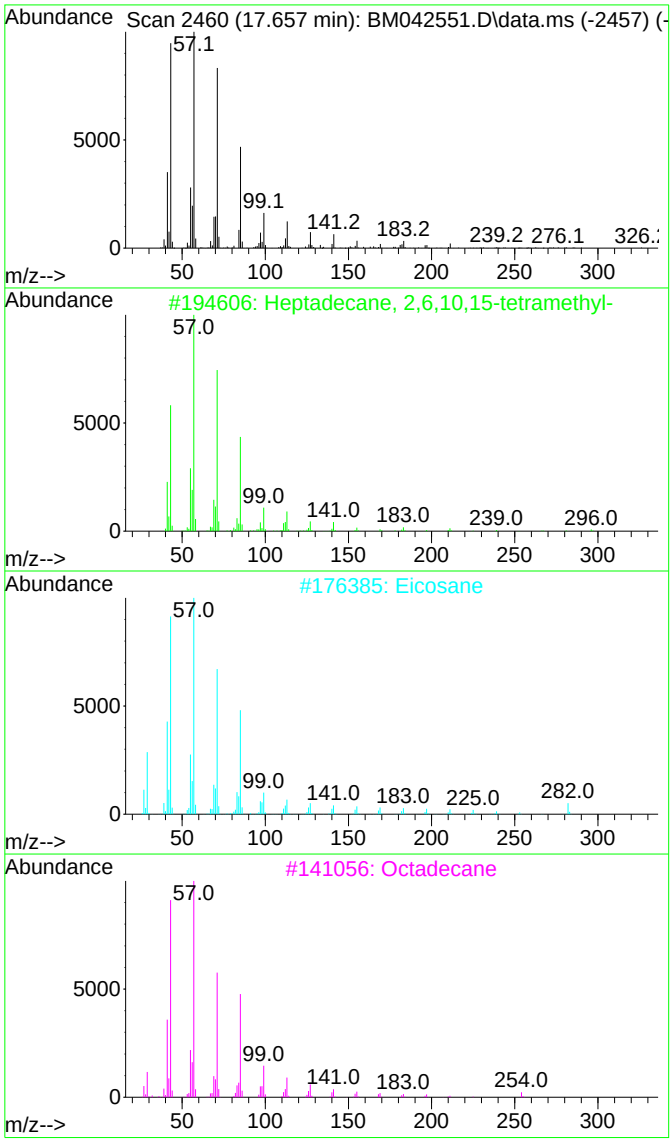
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

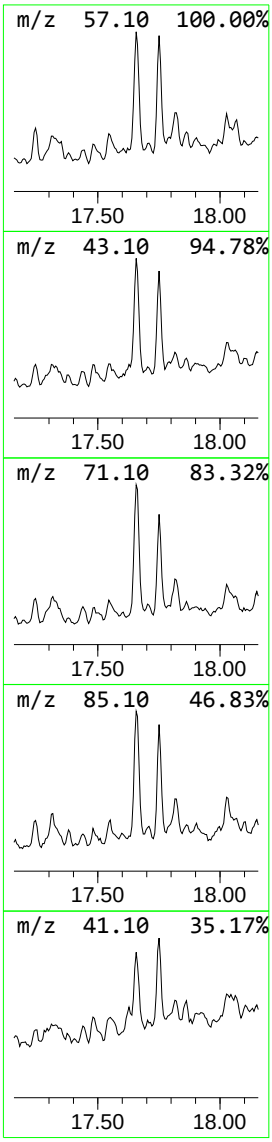
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	16.07 ng	605987	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

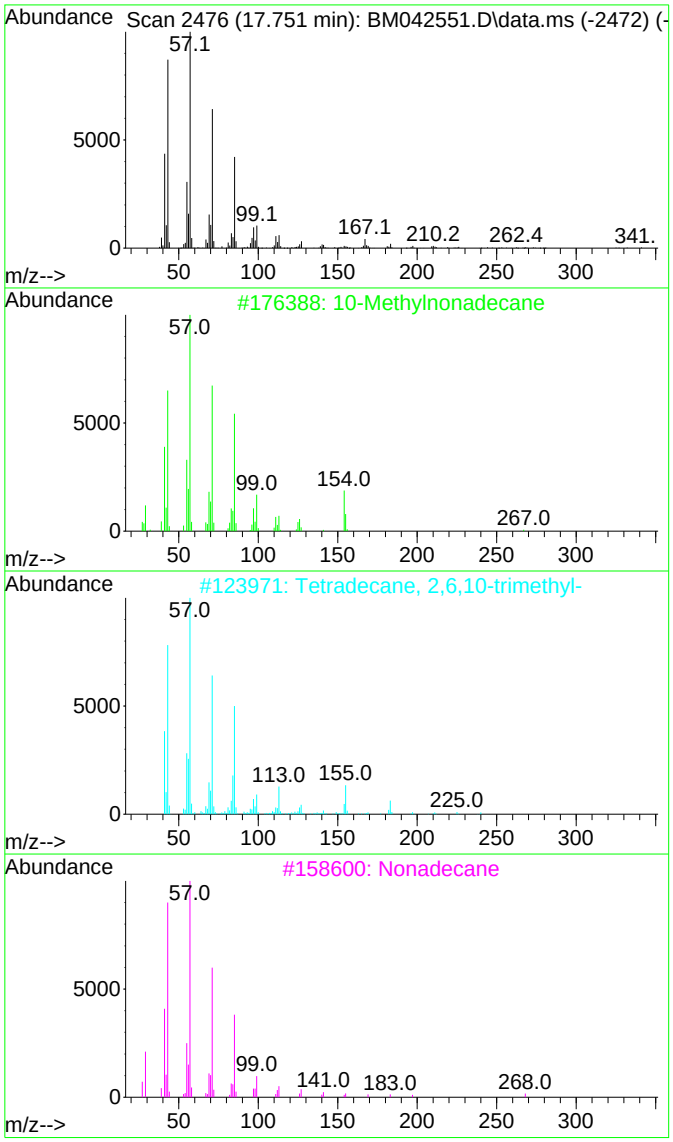
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

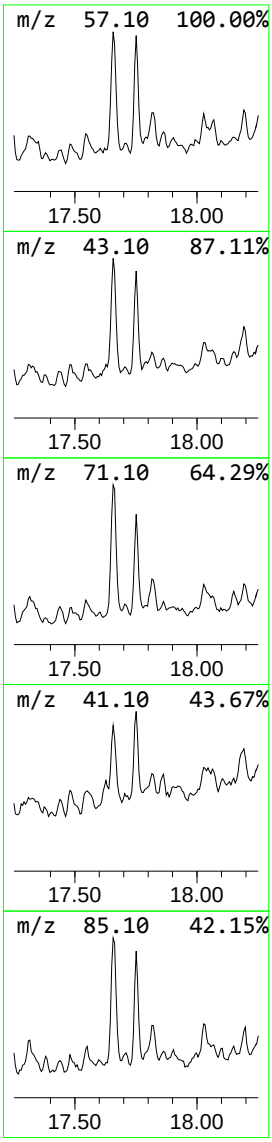
****

Peak Number 17 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	12.49 ng	470850	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

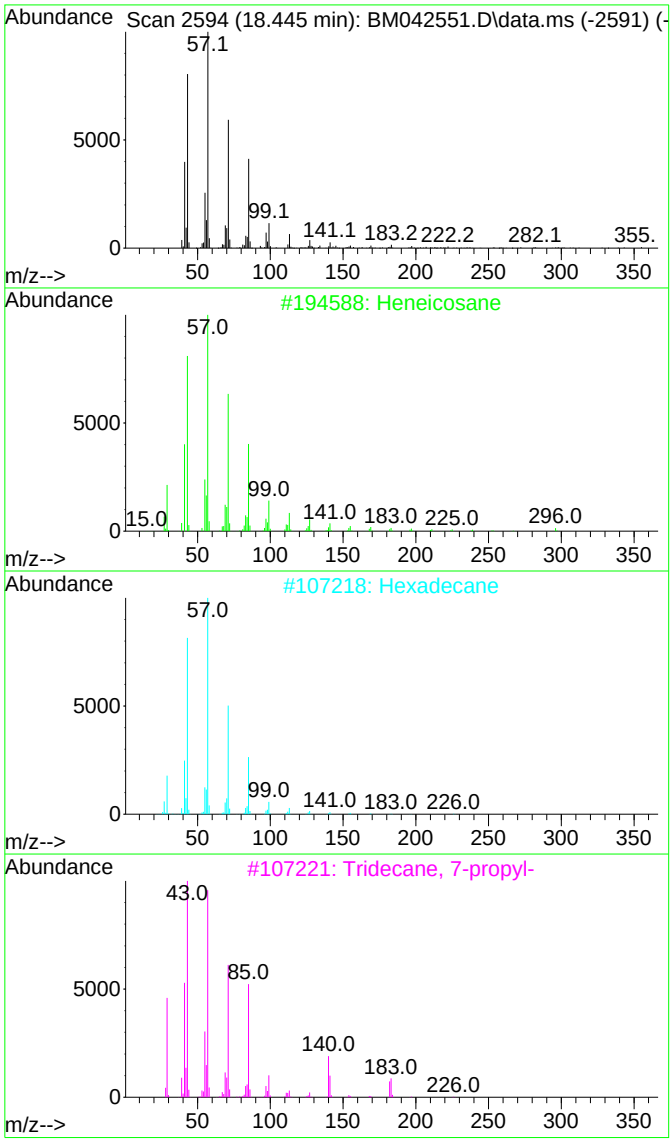
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

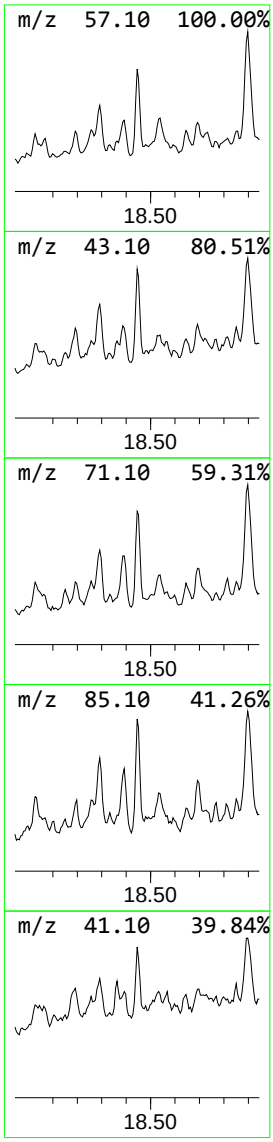
****

Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	9.84 ng	371124	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

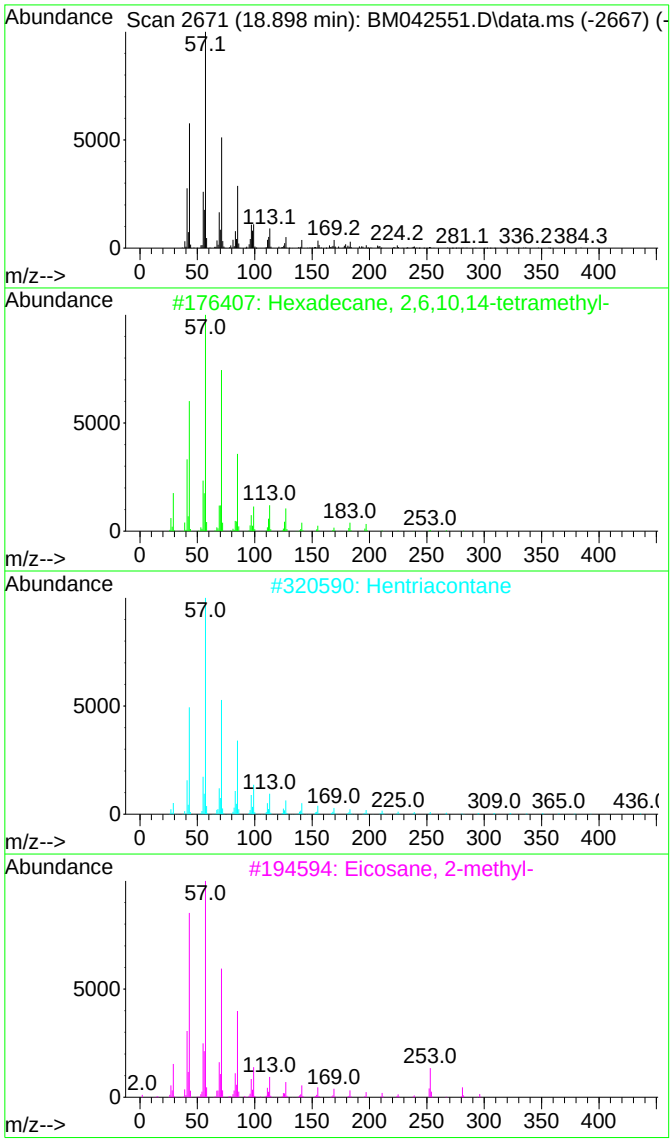
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

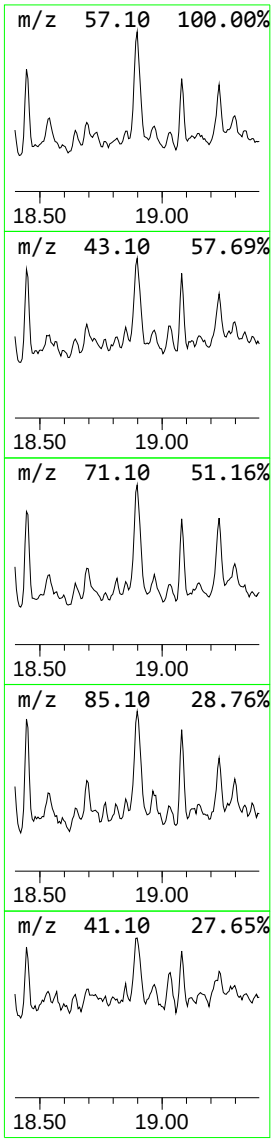
****

Peak Number 19 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	20.46 ng	771354	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

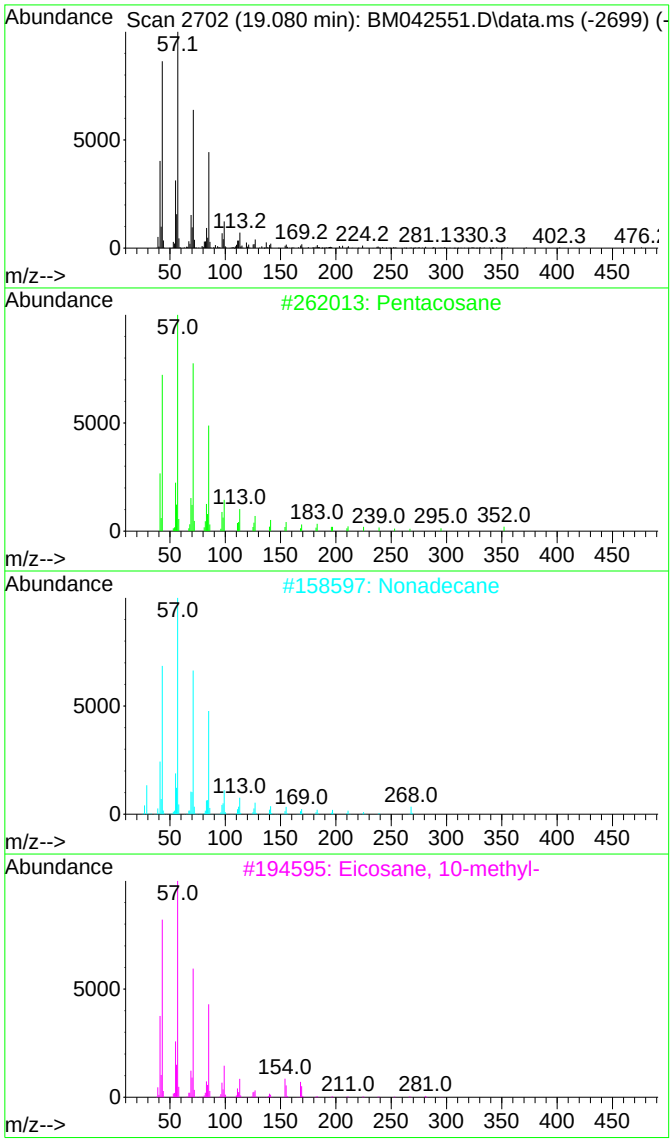
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

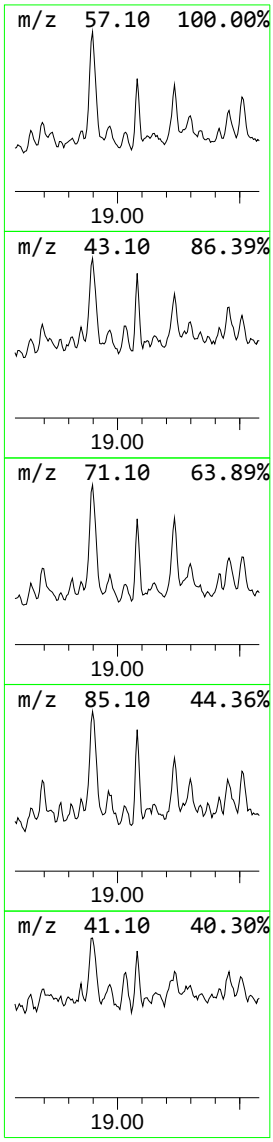
****

Peak Number 20 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	9.79 ng	368922	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042551.D
Acq On : 01 Nov 2023 22:01
Operator : MA/JU
Sample : 05005-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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
3-Penten-2-one,...	4.381	32.7	ng	685719	1	7.928	419594	20.0
2-Pentanone, 4-...	5.010	52.4	ng	1098520	1	7.928	419594	20.0
Benzene, 1-ethe...	7.563	2.6	ng	54217	1	7.928	419594	20.0
Hexadecane	13.975	6.4	ng	234378	3	14.575	735666	20.0
Sulfurous acid,...	14.486	3.1	ng	114107	3	14.575	735666	20.0
Heptacosane	15.745	16.7	ng	613210	3	14.575	735666	20.0
Cyclohexane, 1,...	15.974	3.1	ng	116319	4	17.327	754012	20.0
Octadecane, 2,6...	16.227	38.8	ng	1462940	4	17.327	754012	20.0
Cyclohexane, 1,...	16.474	3.0	ng	112294	4	17.327	754012	20.0
Tridecane, 2-me...	16.551	3.0	ng	112521	4	17.327	754012	20.0
unknown16.674	16.674	2.3	ng	87829	4	17.327	754012	20.0
Tetradecane	16.786	2.9	ng	107378	4	17.327	754012	20.0
Tetradecane, 1-...	17.010	8.3	ng	314467	4	17.327	754012	20.0
Hexadecane, 2,6...	17.051	39.7	ng	1495700	4	17.327	754012	20.0
Heptadecane, 2,...	17.657	16.1	ng	605987	4	17.327	754012	20.0
10-Methylnonade...	17.751	12.5	ng	470850	4	17.327	754012	20.0
Heneicosane	18.445	9.8	ng	371124	4	17.327	754012	20.0
Hentriacontane	18.898	20.5	ng	771354	4	17.327	754012	20.0
Pentacosane	19.080	9.8	ng	368922	4	17.327	754012	20.0