LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	567	577	582	rBV	3585857	9200880	5.25%	2.227%
2	6.522	748	753	758	rBV3	1540722	2998013	1.71%	0.726%
3	6.704	779	784	790	rBV2	1875552	3090326	1.76%	0.748%
4	7.287	873	883	889	rVB5	1464900	3530087	2.02%	0.854%
5	7.469	911	914	918	rVB	2479780	3057225	1.75%	0.740%
6	7.675	946	949	958	rVB3	1052099	1753147	1.00%	0.424%
7	8.069	1012	1016	1021	rVB2	1255902	2267864	1.29%	0.549%
8	8.139	1023	1028	1034	rBV2	3704602	5177280	2.96%	1.253%
9	8.210	1037	1040	1044	rVB2	1582963	2037143	1.16%	0.493%
10	8.322	1053	1059	1062	rBV	1573216	2670977	1.52%	0.646%
11	8.445	1075	1080	1087	rBV6	1593369	3593833	2.05%	0.870%
12	8.575	1098	1102	1113	rVB	1886786	3726752	2.13%	0.902%
13	8.745	1127	1131	1135	rBV	4094662	5550253	3.17%	1.343%
14	8.981	1167	1171	1177	rBV4	1110378	2176343	1.24%	0.527%
15	9.175	1201	1204	1210	rVV2	1586143	2125400	1.21%	0.514%
16	9.228	1210	1213	1218	rVB	1527014	1882503	1.07%	0.456%
17	9.316	1223	1228	1232	rBV	4691418	6837645	3.90%	1.655%
18	9.498	1250	1259	1263	rBV7	685671	2180634	1.24%	0.528%
19	9.569	1268	1271	1277	rVV3	1058360	1972831	1.13%	0.477%
20	9.633	1277	1282	1289	rVV5	2133339	4543071	2.59%	1.100%
21	9.728	1294	1298	1303	rVB	5085112	7166916	4.09%	1.735%
22	9.845	1313	1318	1322	rBV	4237689	5909608	3.37%	1.430%
23	10.239	1381	1385	1391	rBV	4704986	7238719	4.13%	1.752%
24	10.345	1396	1403	1410	rVB2	4203055	7864951	4.49%	1.903%
25	10.563	1435	1440	1445	rBV	2001274	3311444	1.89%	0.801%
26	10.722	1463	1467	1475	rVB3	1271395	2131324	1.22%	0.516%
27	10.822	1479	1484	1489	rBV	4250140	7573343	4.32%	1.833%
28	11.269	1555	1560	1562	rBV	3113958	4279813	2.44%	1.036%
29	11.298	1562	1565	1571	rVB2	1946476	2905088	1.66%	0.703%
30	11.692	1628	1632	1637	rVB	2835375	3521504	2.01%	0.852%
31	11.986	1670	1682	1689	rBV2	6445091	19324071	11.03%	4.677%
32	12.063	1690	1695	1698	rBV	3633630	5223256	2.98%	1.264%
33	12.104	1698	1702	1703	rBV	3489238	4396824	2.51%	1.064%
34	12.486	1763	1767	1777	rVB	2095305	3000040	1.71%	0.726%
35	12.880	1788	1834	1844	rBV5	15411009	175187886	100.00%	42.399%
36	13.004	1851	1855	1859	rVB	1375509	1782748	1.02%	0.431%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.310	1902	1907	1911	rVV	4881620	6992399	3.99%	1.692%
38	13.363	1911	1916	1920	rVV	2484771	3692294	2.11%	0.894%
39	13.404	1920	1923	1930	rVV3	1530239	2367061	1.35%	0.573%
40	14.121	2042	2045	2055	rVB	1800766	2669791	1.52%	0.646%
41	14.445	2094	2100	2105	rBV	4502605	6640099	3.79%	1.607%
42	15.574	2285	2292	2297	rBV2	1449244	2675289	1.53%	0.647%
43	16.092	2372	2380	2385	rBV	874944	2182393	1.25%	0.528%
44	16.309	2404	2417	2434	rBV	7438511	26929821	15.37%	6.518%
45	16.468	2438	2444	2451	rBV3	922892	2383498	1.36%	0.577%
46	16.874	2500	2513	2537	rVB	6287190	21788781	12.44%	5.273%
47	17.504	2612	2620	2635	rVB	1344052	3676820	2.10%	0.890%

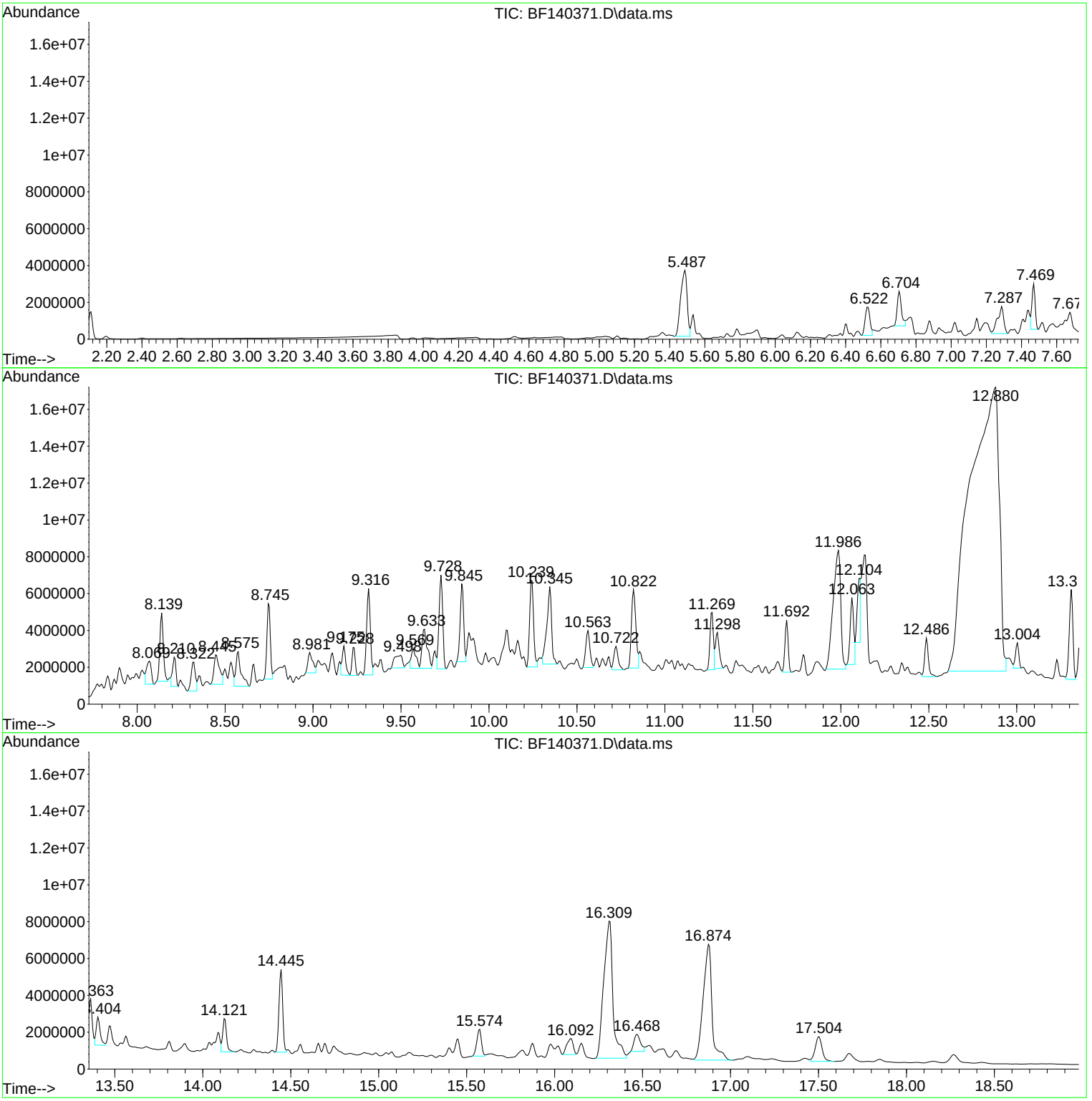
Sum of corrected areas: 413187988

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

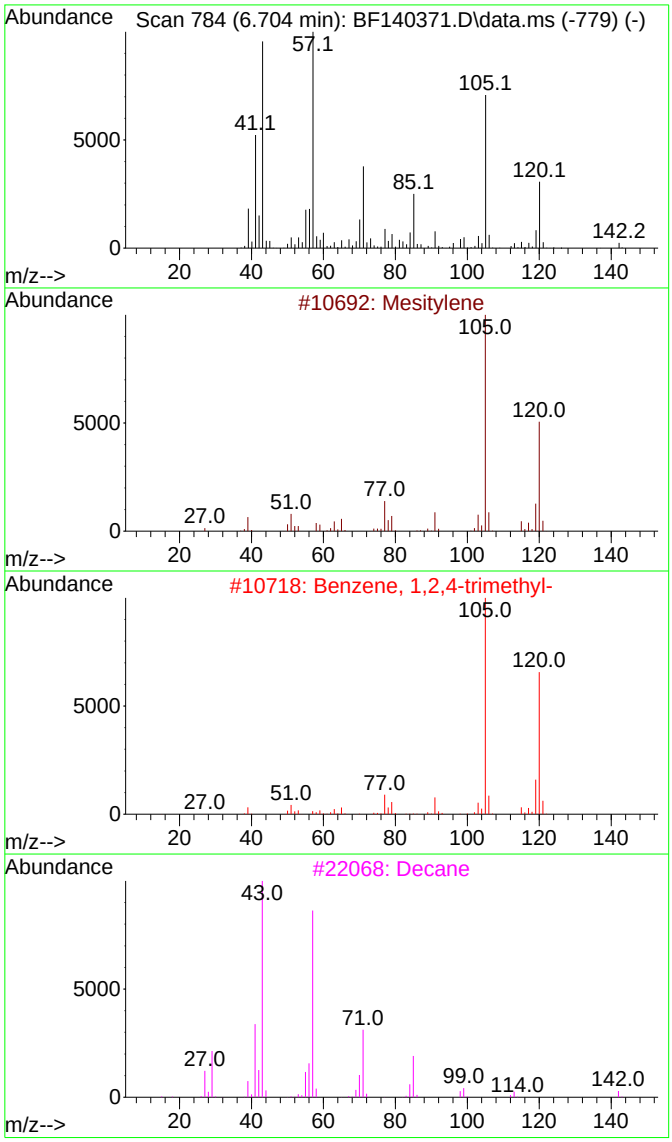
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

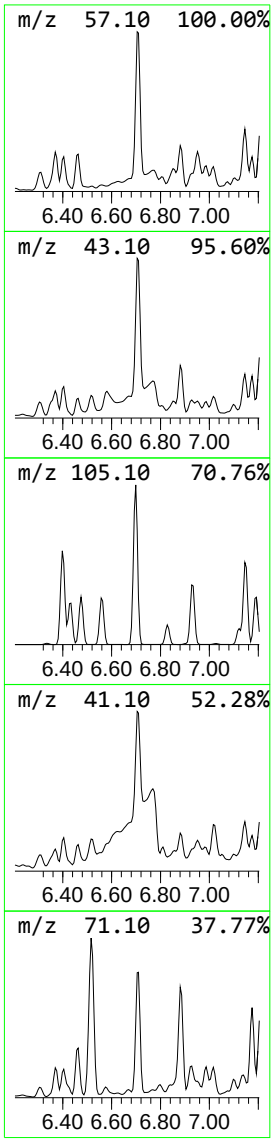
****

Peak Number 1 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	20.00 ng	3090330	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	83
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80
3	Decane	142	C10H22	000124-18-5	50
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

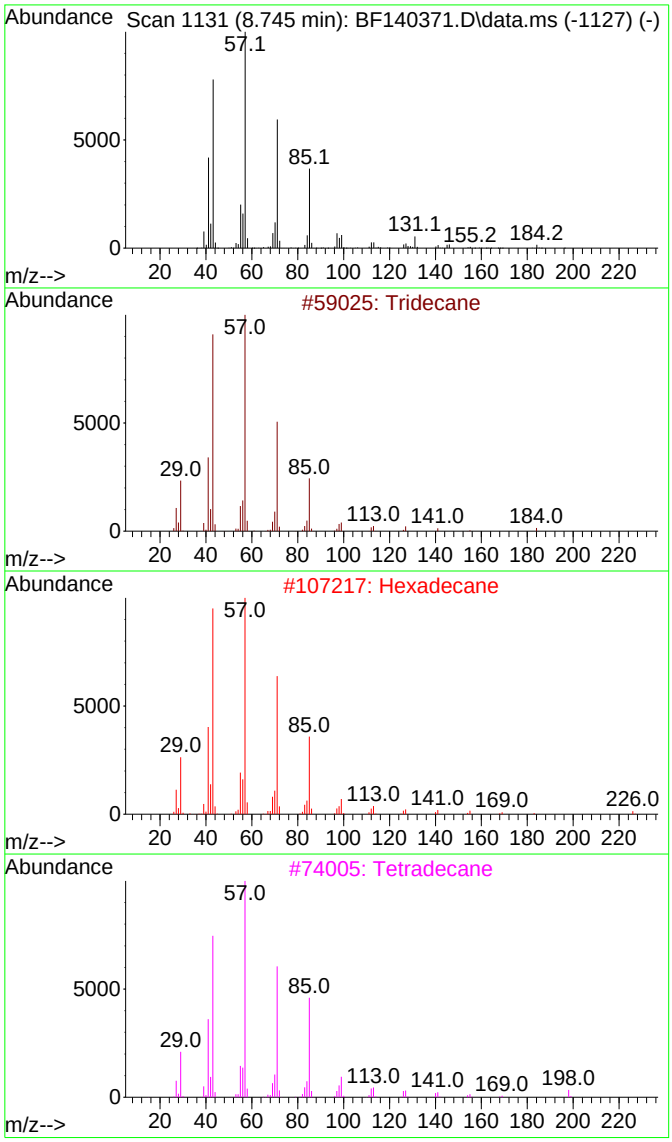
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

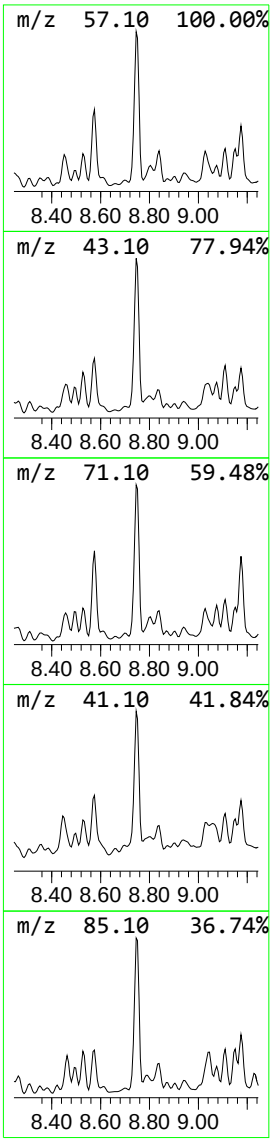
****

Peak Number 2 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	21.44 ng	5550250	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

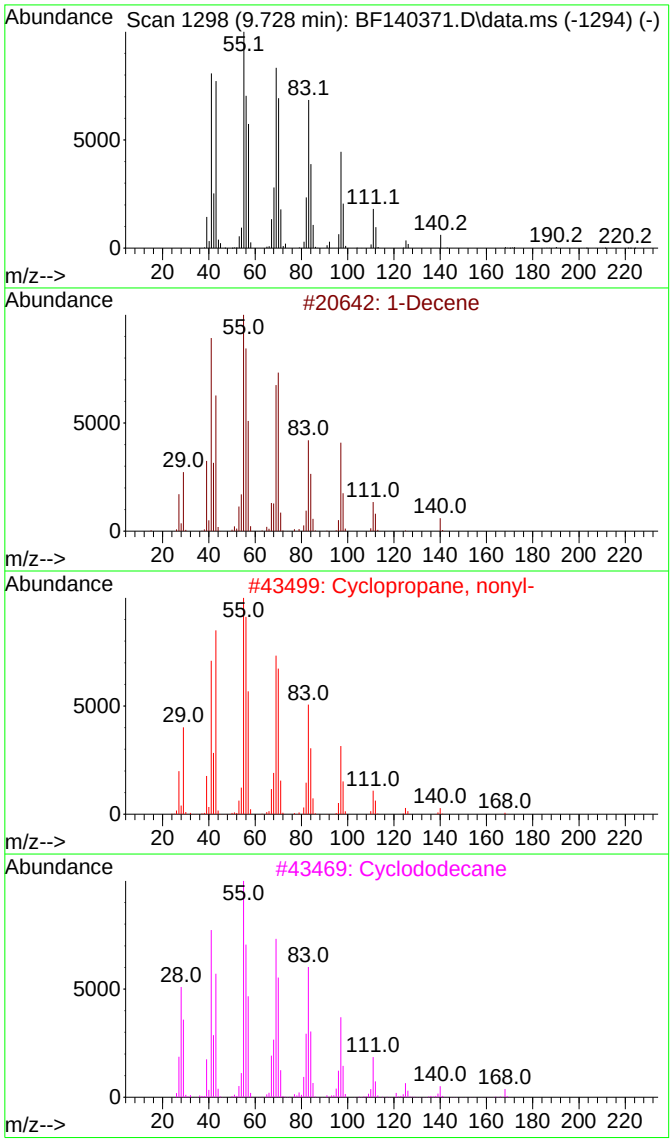
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

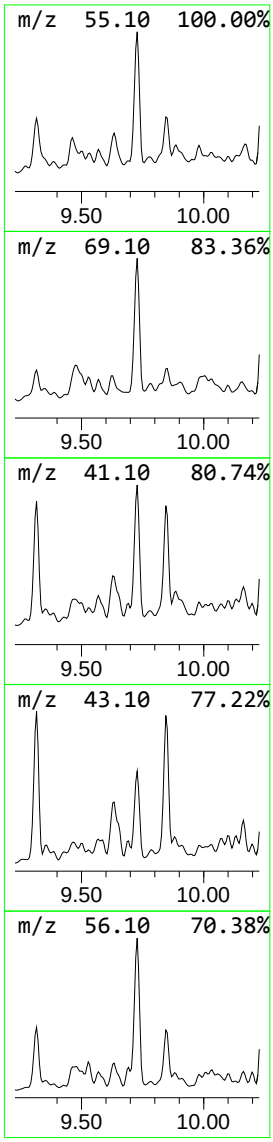
****

Peak Number 3 1-Decene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.728	24.26 ng	7166920	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	94
3	Cyclododecane	168	C12H24	000294-62-2	93
4	1-Undecanol	172	C11H24O	000112-42-5	91
5	1-Dodecanol	186	C12H26O	000112-53-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

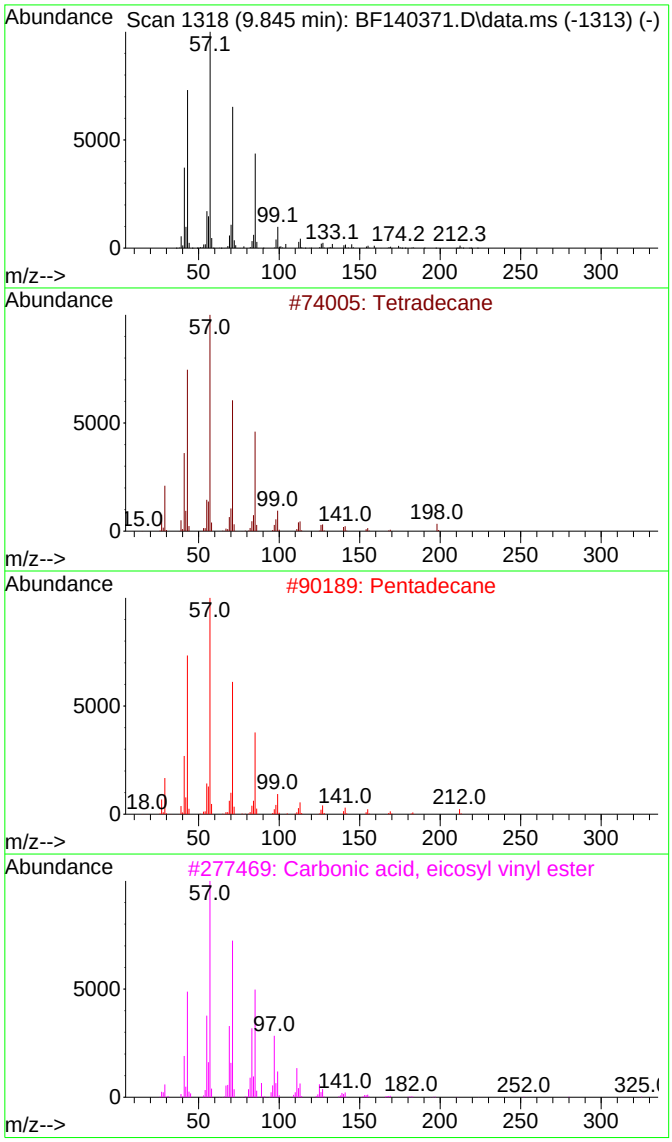
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

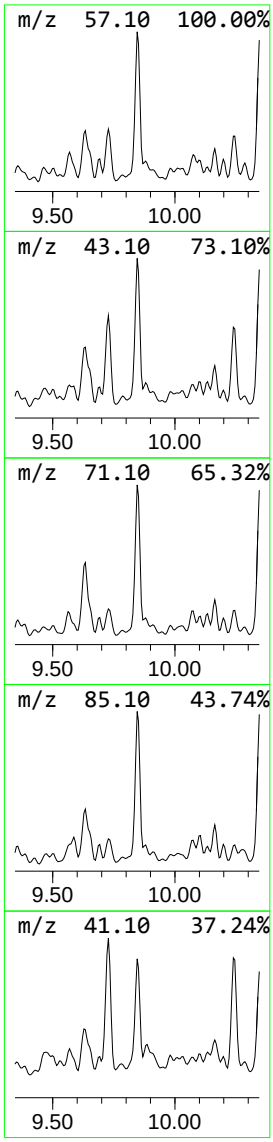
****

Peak Number 4 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	20.00 ng	5909610	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

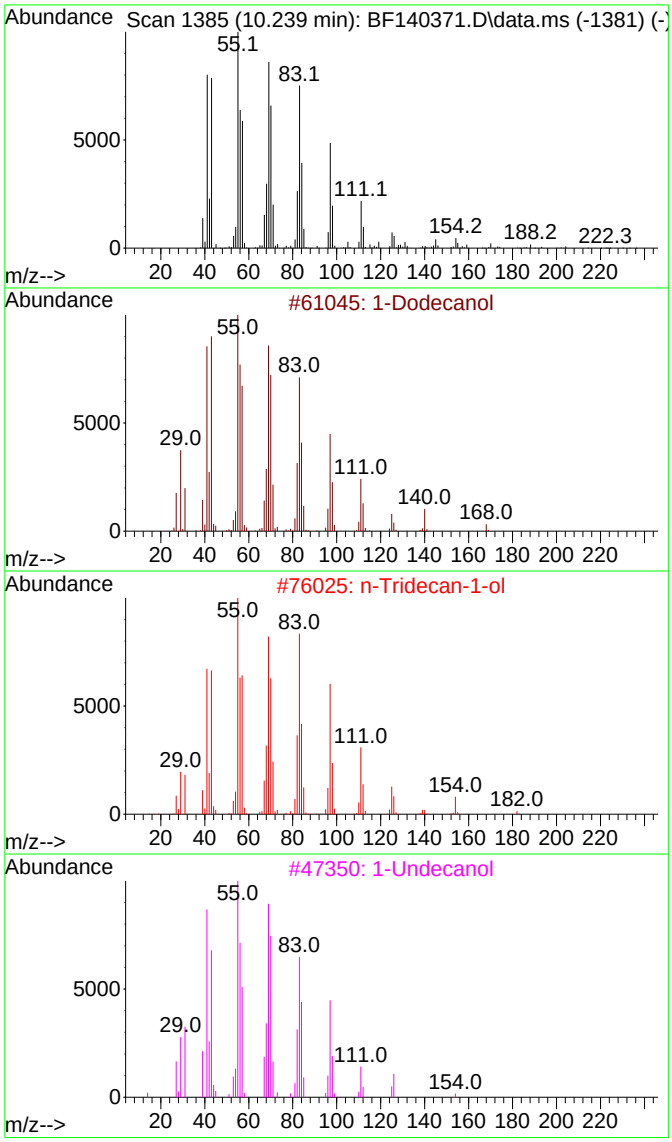
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

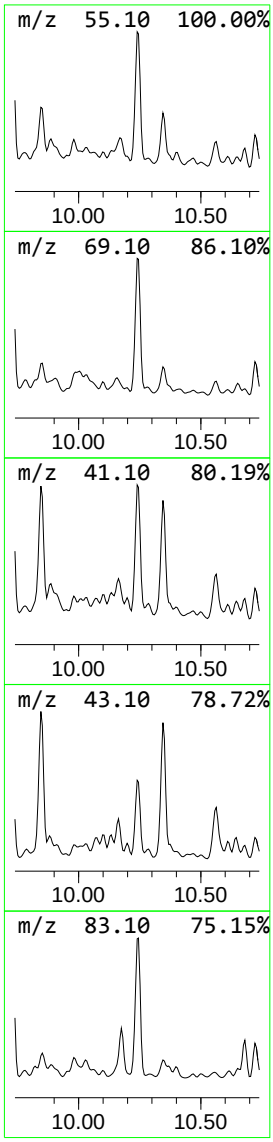
****

Peak Number 5 1-Dodecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	24.50 ng	7238720	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol	186	C12H26O	000112-53-8	91
2	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
3	1-Undecanol	172	C11H24O	000112-42-5	91
4	Cyclododecane	168	C12H24	000294-62-2	91
5	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

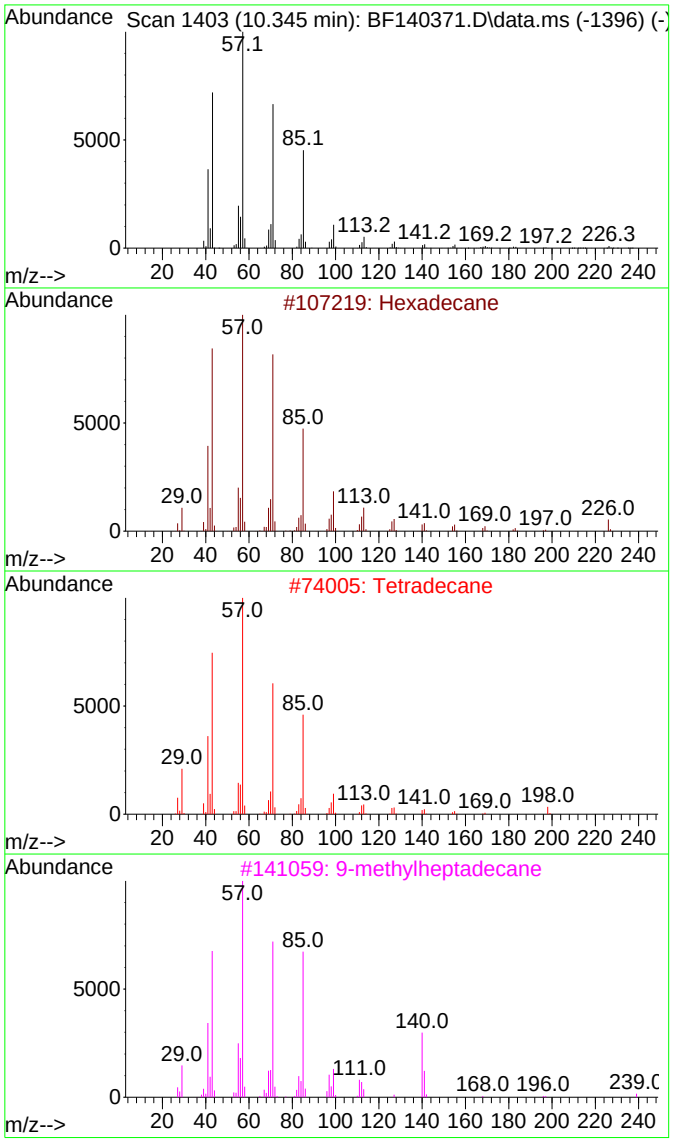
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

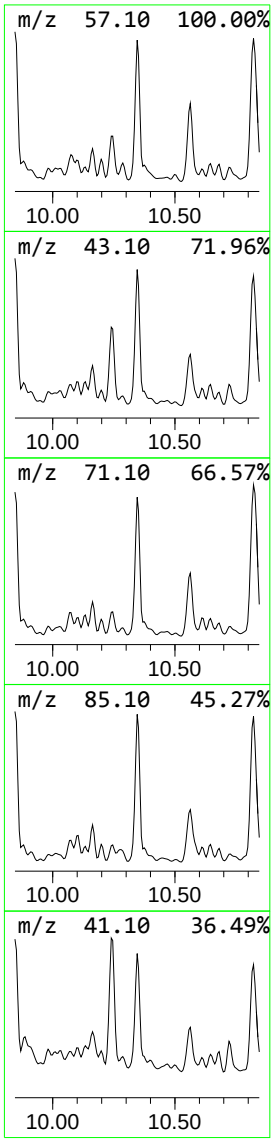
****

Peak Number 6 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	26.62 ng	7864950	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	9-methylheptadecane	254	C18H38	026741-18-4	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

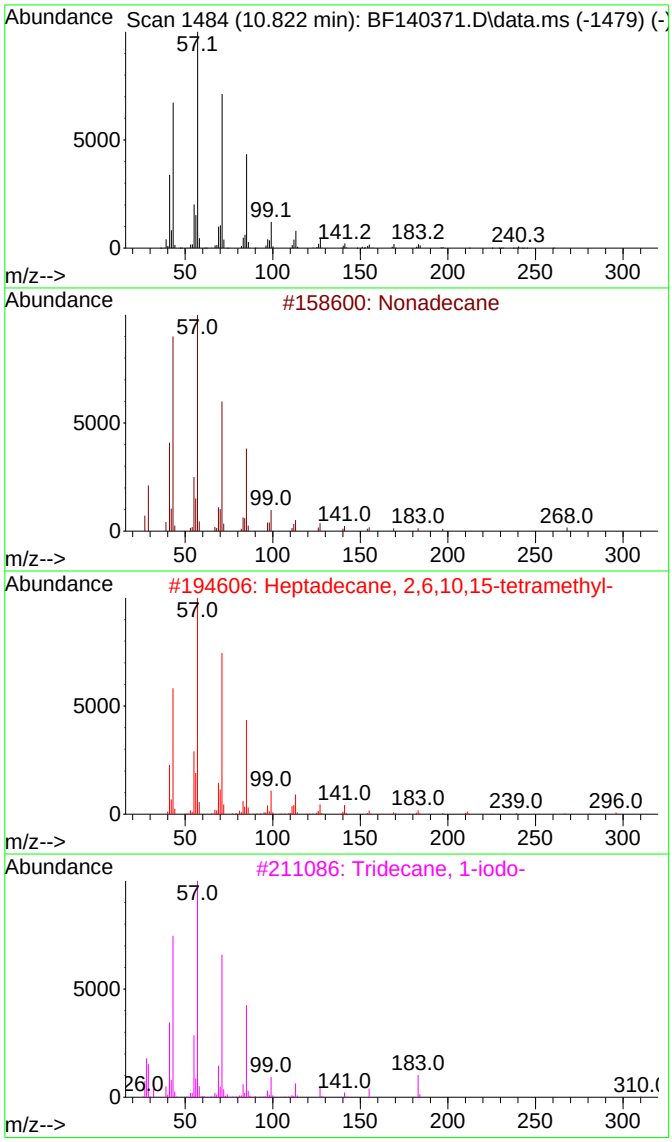
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

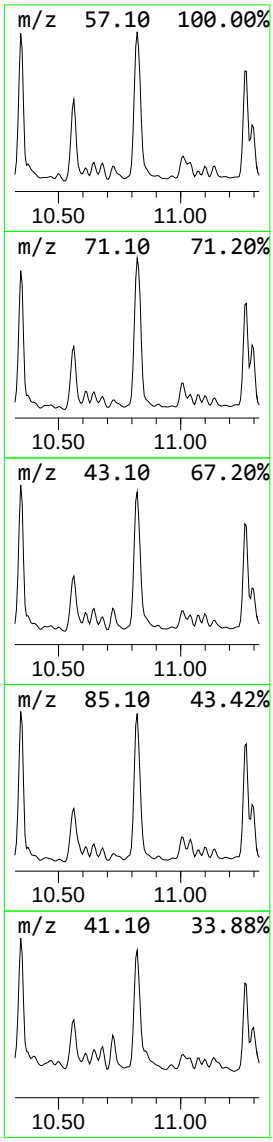
****

Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	52.14 ng	7573340	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

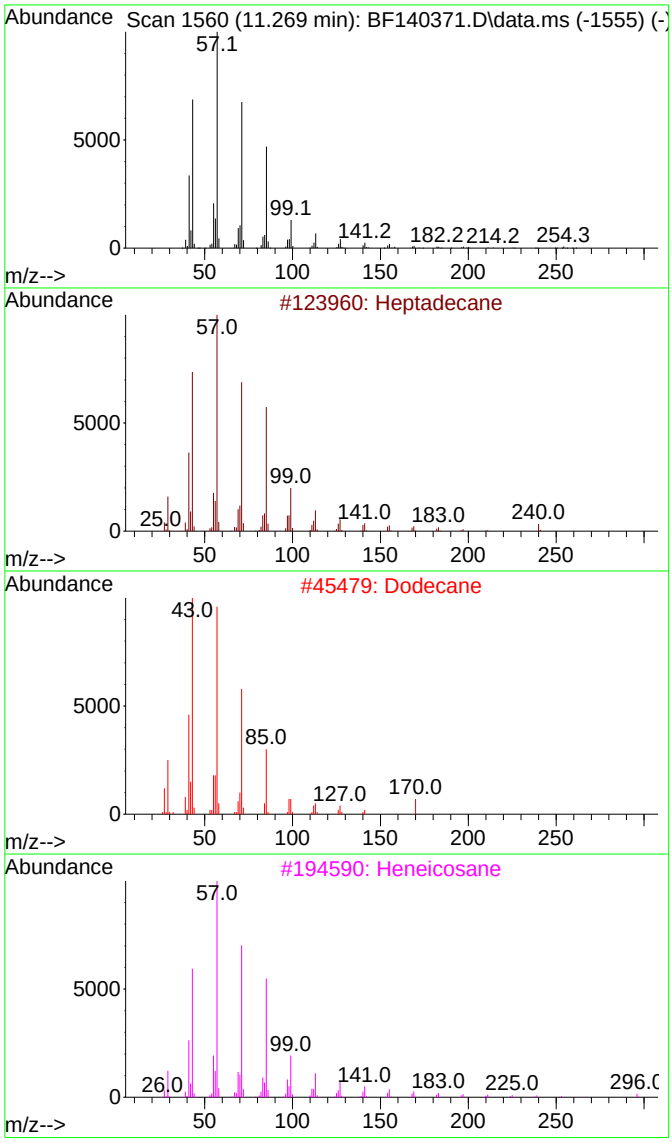
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

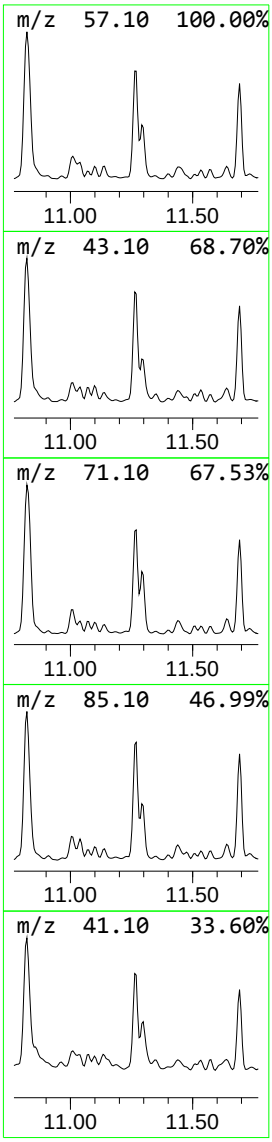
****

Peak Number 8 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	29.46 ng	4279810	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Dodecane	170	C12H26	000112-40-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

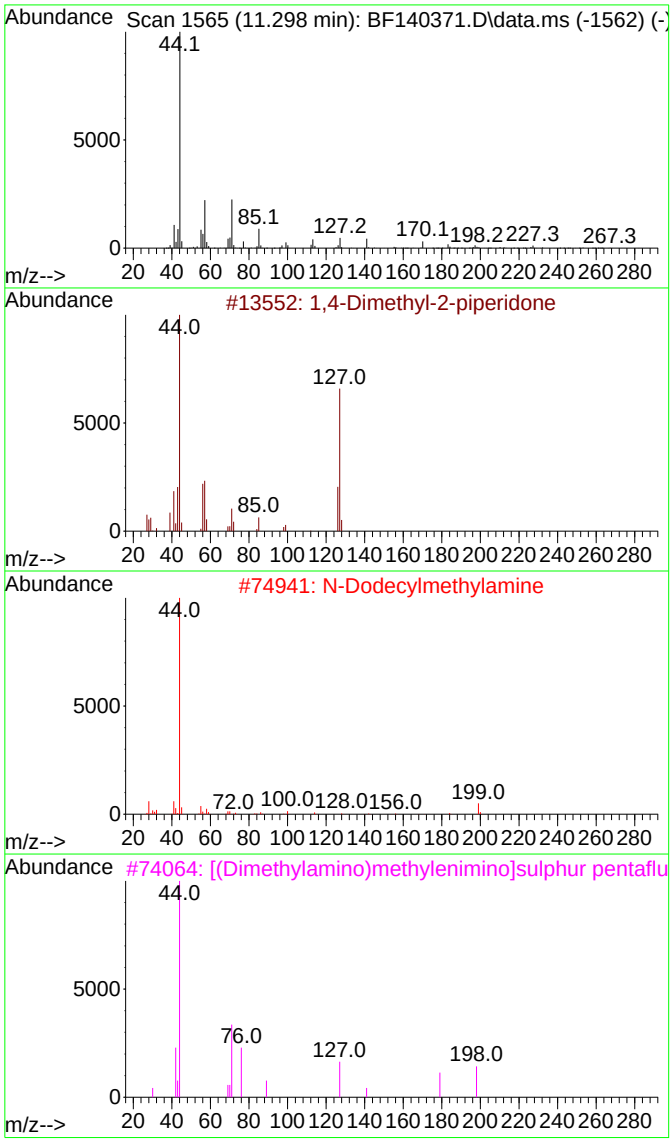
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

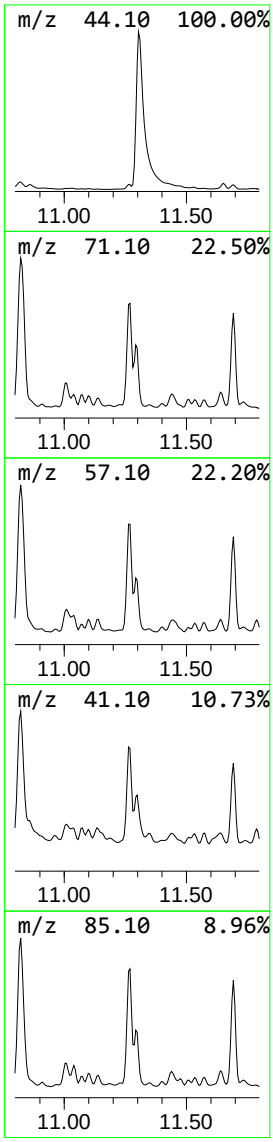
****

Peak Number 9 1,4-Dimethyl-2-piperidone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	20.00 ng	2905090	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-2-piperidone	127	C7H13NO	1000432-35-7	53
2	N-Dodecylmethylamine	199	C13H29N	1000342-26-1	47
3	[(Dimethylamino)methylenimino]su...	198	C3H7F5N2S	090598-16-6	39
4	1-Hexadecanamine, N-methyl-	255	C17H37N	013417-08-8	38
5	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

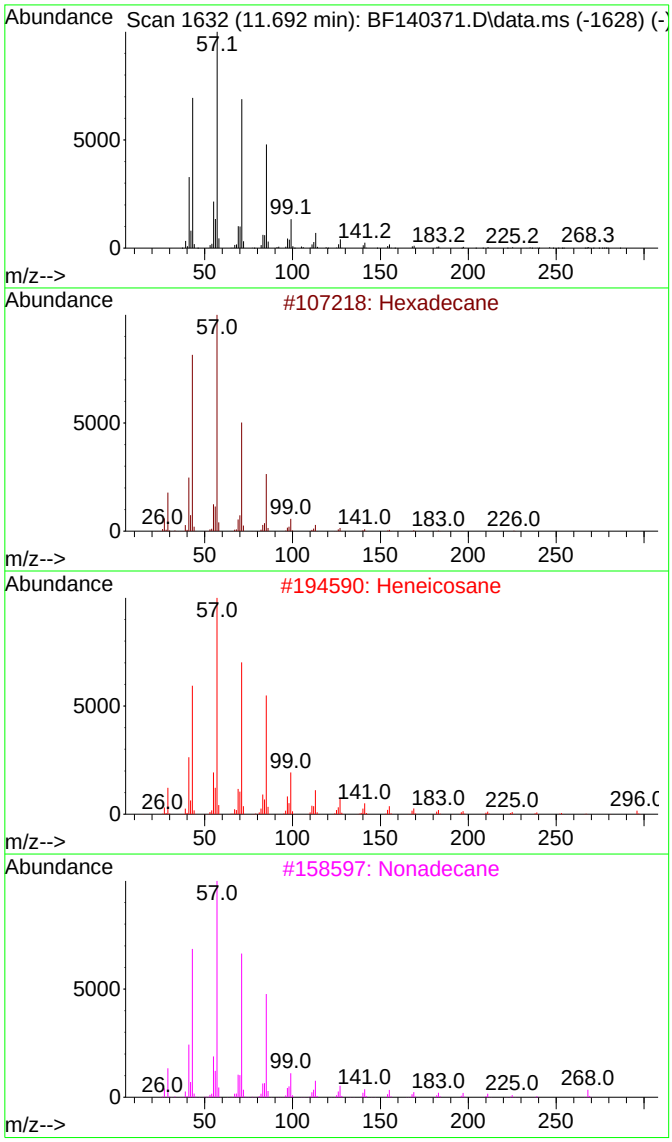
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

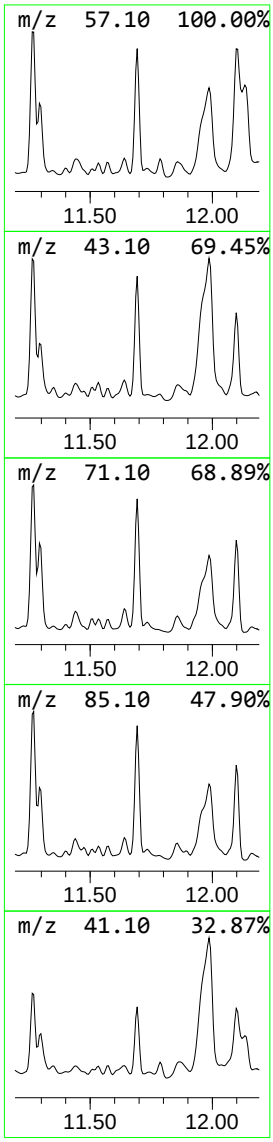
****

Peak Number 10 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	24.24 ng	3521500	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

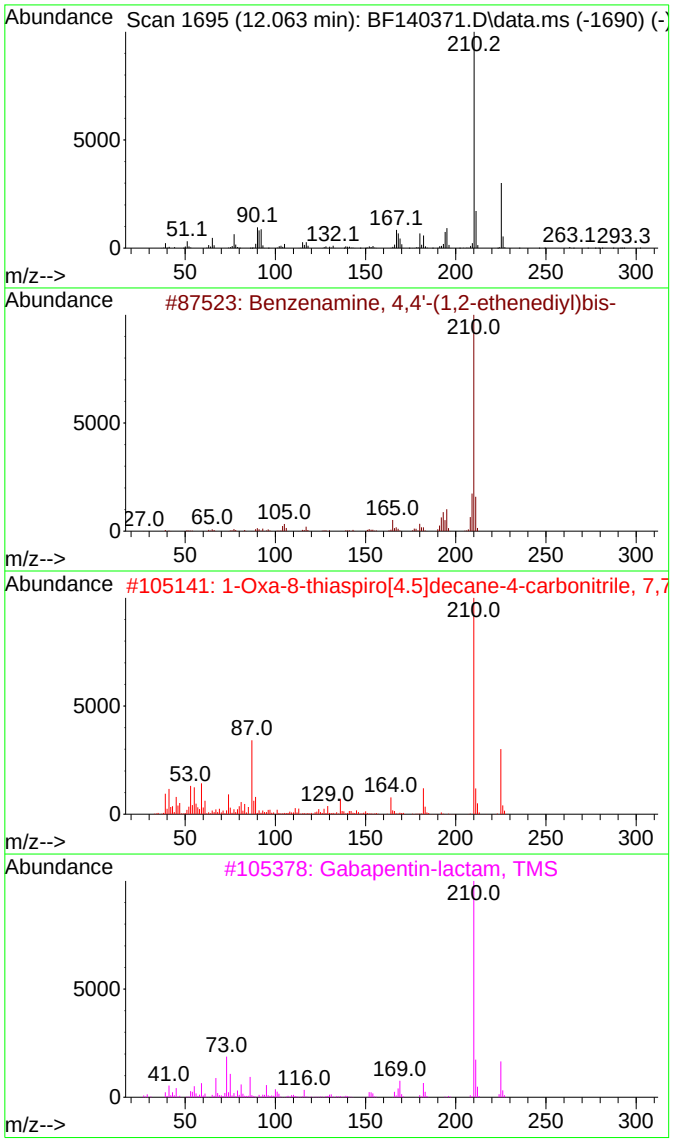
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

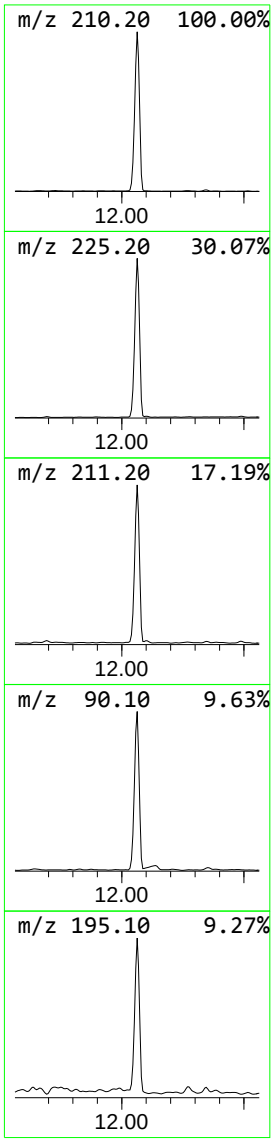
****

Peak Number 11 Benzenamine, 4,4'-(1,2-ethe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	35.96 ng	5223260	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-(1,2-ethenediy...	210	C14H14N2	000621-96-5	64
2	1-Oxa-8-thiaspiro[4.5]decane-4-c...	225	C11H15NO2S	303051-69-6	59
3	Gabapentin-lactam, TMS	225	C12H23NOSi	1000466-01-1	59
4	Benzene, 1-methoxy-3-(2-phenylet...	210	C15H14O	014064-41-6	58
5	1,7-Phenazinediamine	210	C12H10N4	028124-29-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

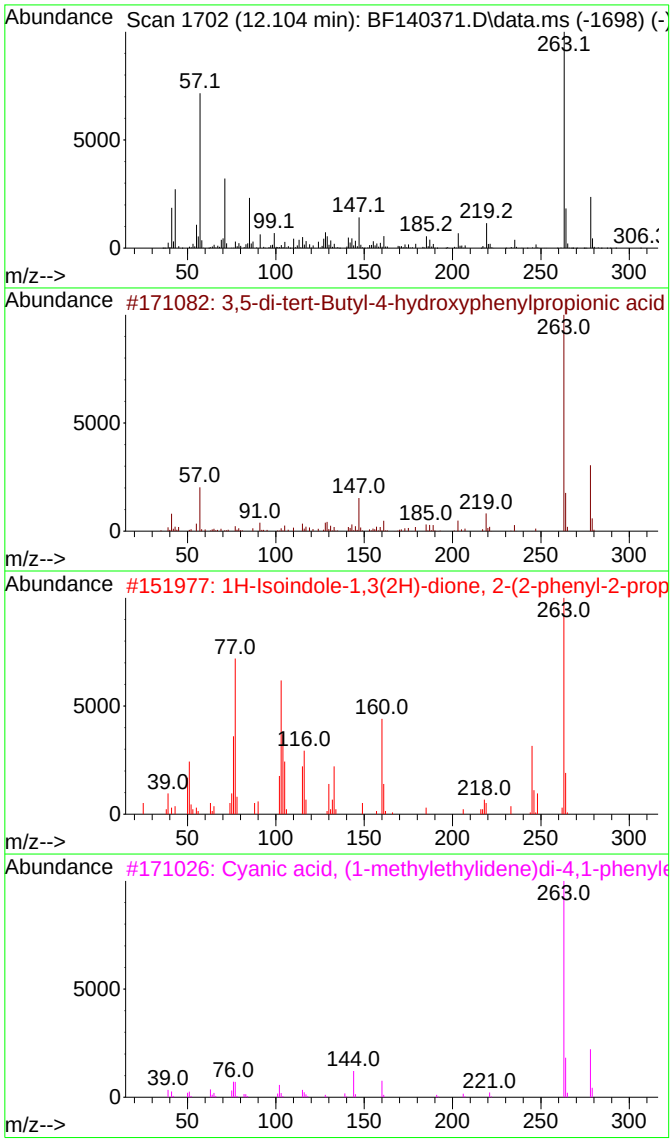
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

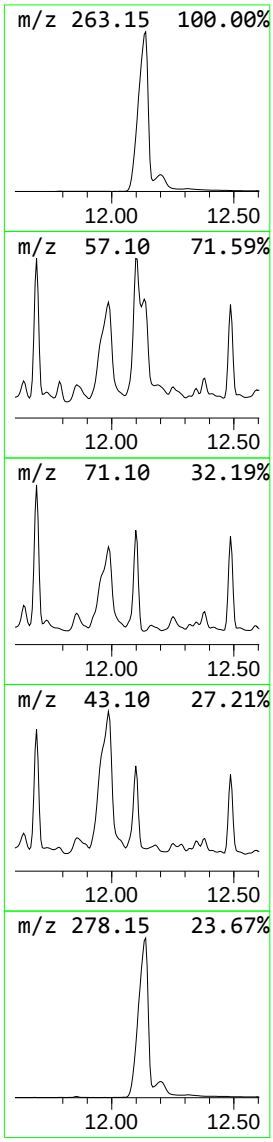
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	30.27 ng	4396820	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	98
2	1H-Isoindole-1,3(2H)-dione, 2-(2...	263	C17H13NO2	016307-59-8	50
3	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	47
4	2-naphthalenol, 1-[[(2-hydroxyph...	263	C17H13NO2	1000396-85-1	43
5	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

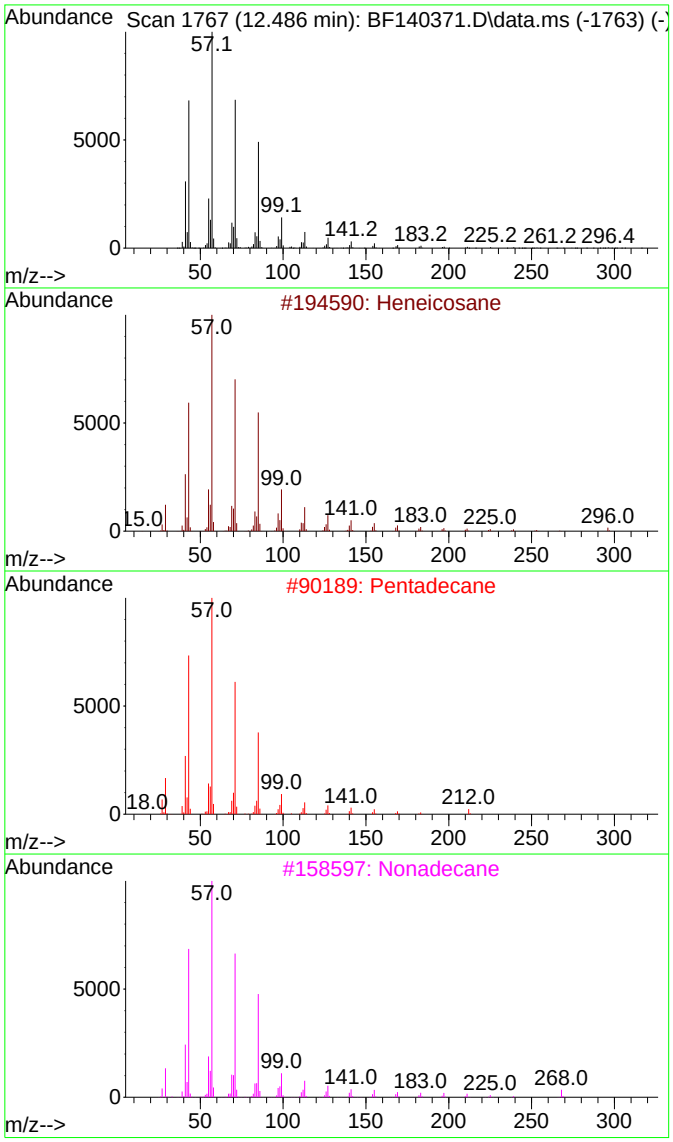
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

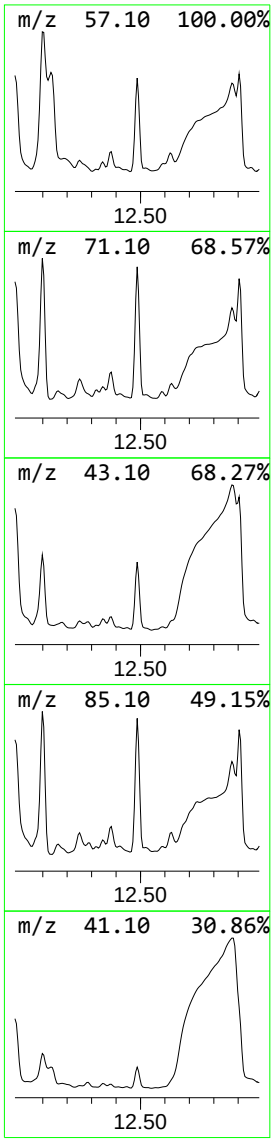
****

Peak Number 13 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	20.65 ng	3000040	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

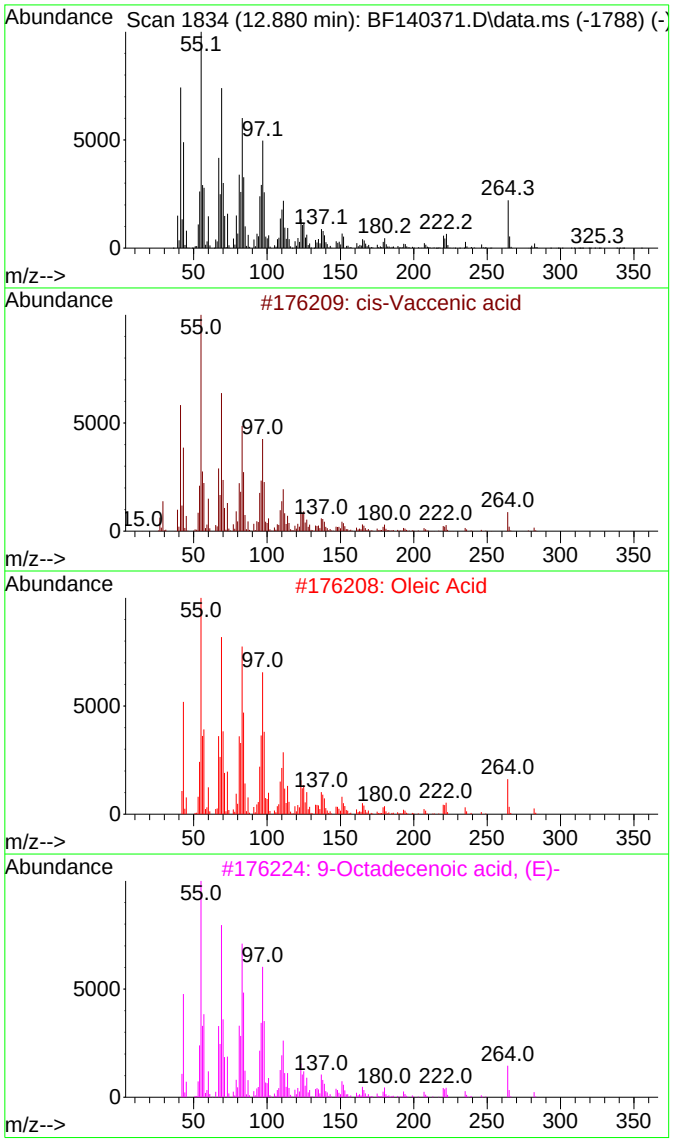
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

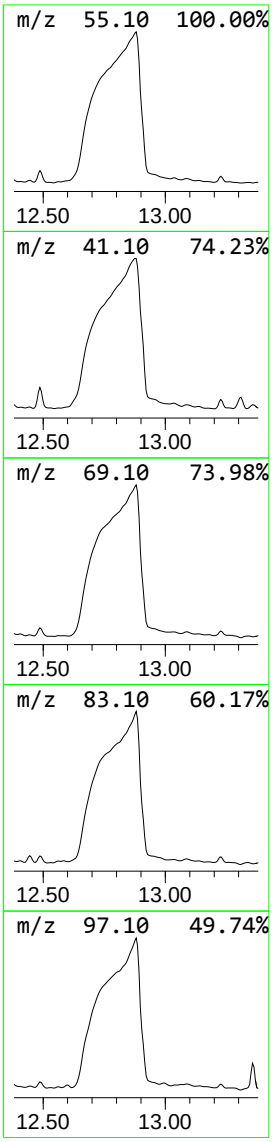
****

Peak Number 14 cis-Vaccenic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	1312.37 ng	175188000	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
2	Oleic Acid	282	C18H34O2	000112-80-1	99
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
5	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

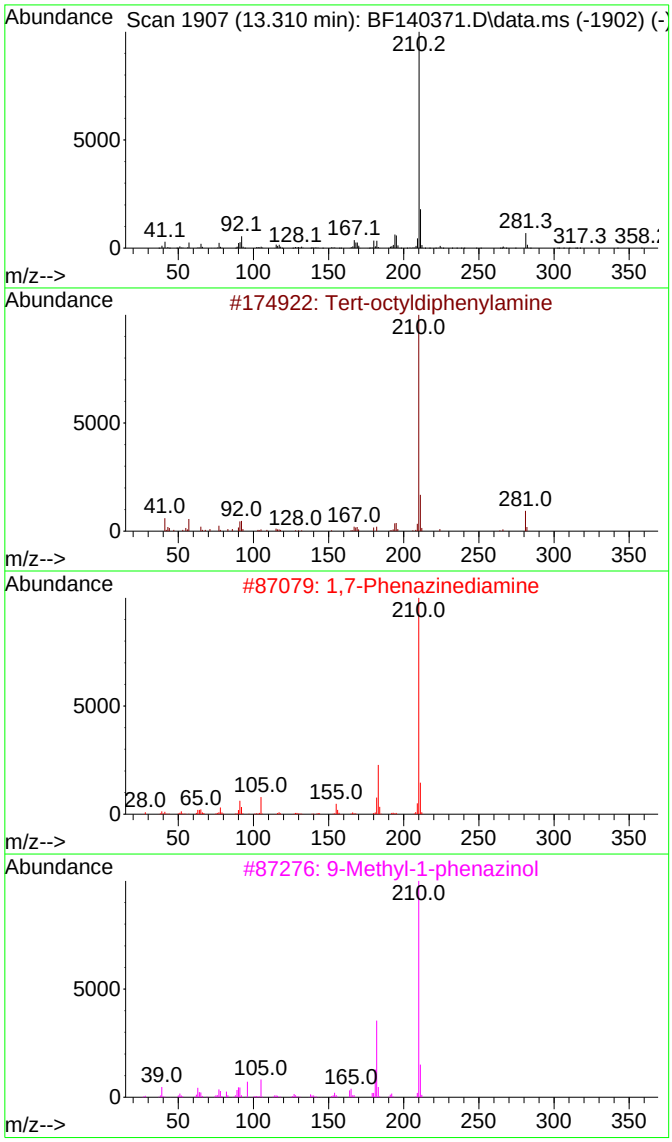
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

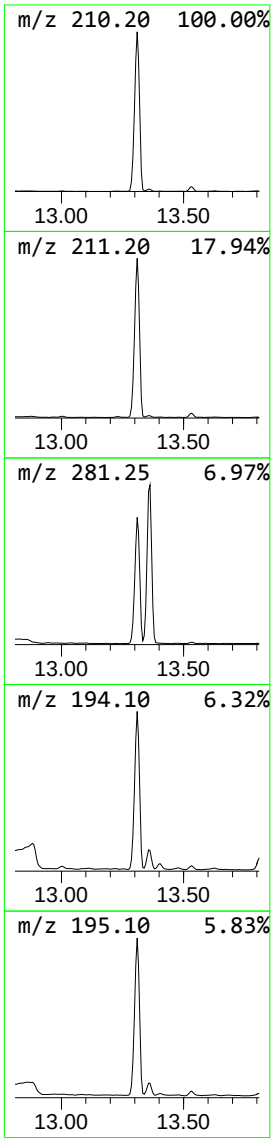
****

Peak Number 15 Tert-octyldiphenylamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	52.38 ng	6992400	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tert-octyldiphenylamine	281	C20H27N	1000370-31-3	94
2	1,7-Phenazinediamine	210	C12H10N4	028124-29-0	80
3	9-Methyl-1-phenazinol	210	C13H10N2O	013860-43-0	72
4	1-Hydroxy-6-methylphenazine	210	C13H10N2O	014031-08-4	72
5	Benzene, 1-methoxy-2-(2-phenylet...	210	C15H14O	052805-92-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

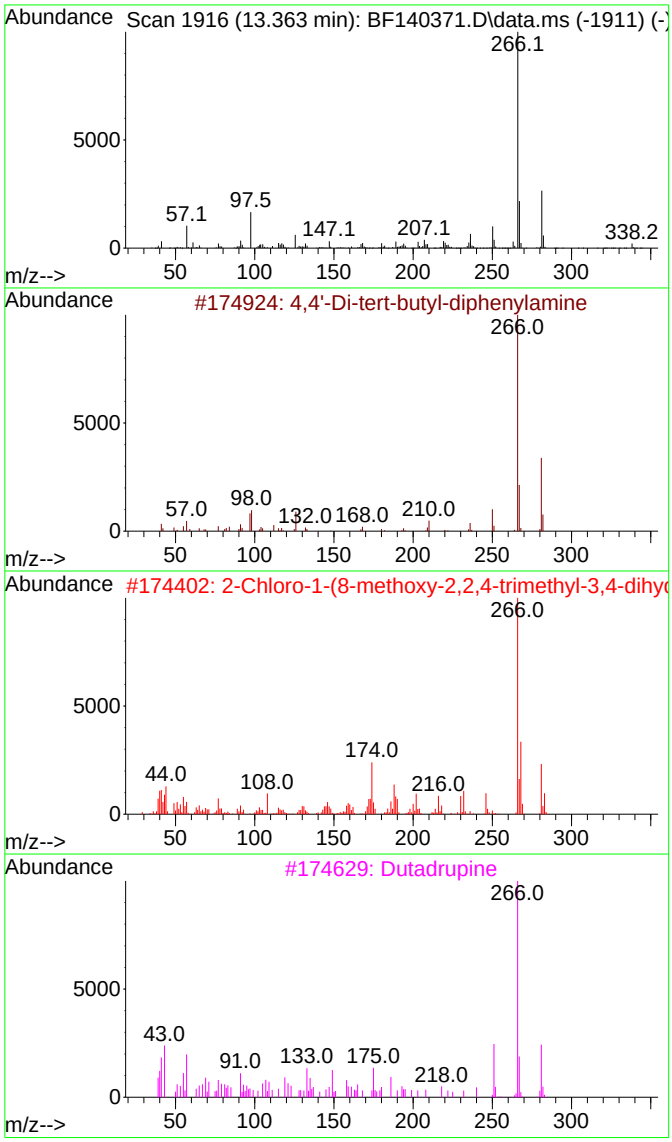
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

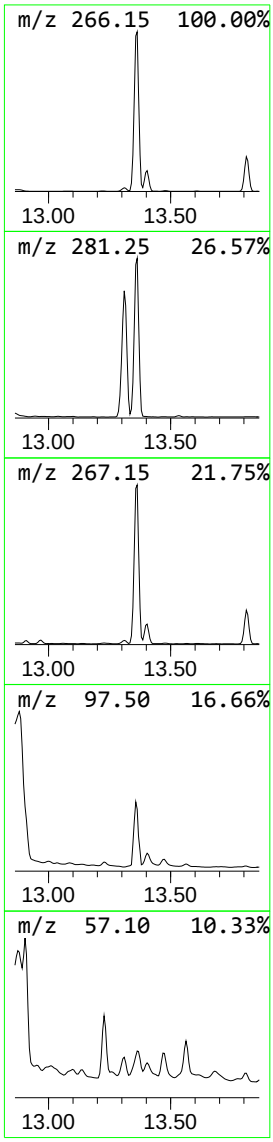
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4,4'-Di-tert-butyl-diphenyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	27.66 ng	3692290	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Di-tert-butyl-diphenylamine	281	C20H27N	1000370-31-1	94
2	2-Chloro-1-(8-methoxy-2,2,4-trim...	281	C15H20ClNO2	1000410-77-1	64
3	Dutadrupine	281	C17H15NO3	080151-78-6	59
4	4H-1,2,4-Triazol-4-amine, 3,5-bi...	266	C14H14N6	1000350-00-5	53
5	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

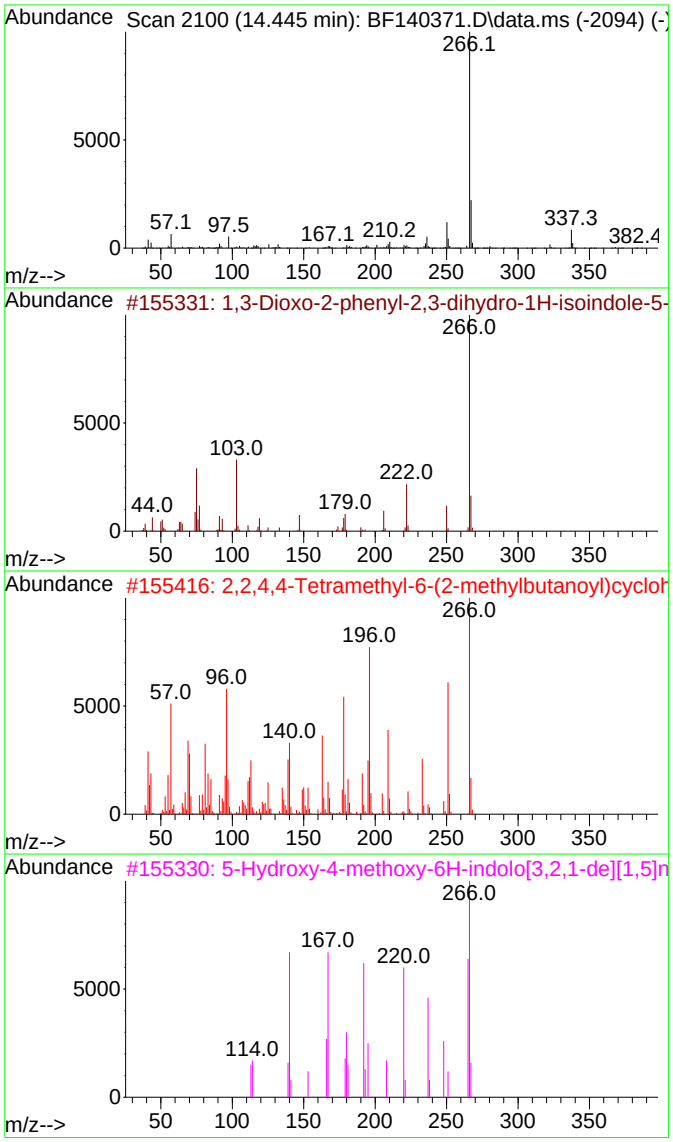
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

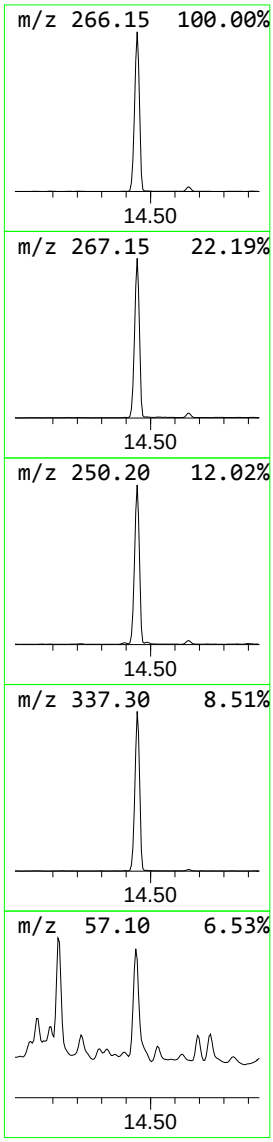
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,3-Dioxo-2-phenyl-2,3-dihy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	49.74 ng	6640100	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxo-2-phenyl-2,3-dihydro-1...	266	C15H10N2O3	1000317-97-6	64
2	2,2,4,4-Tetramethyl-6-(2-methylb...	266	C15H22O4	005009-05-2	59
3	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	59
4	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	59
5	Silane, methylvinyl(2-methoxyphe...	266	C14H22O3Si	1000420-67-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

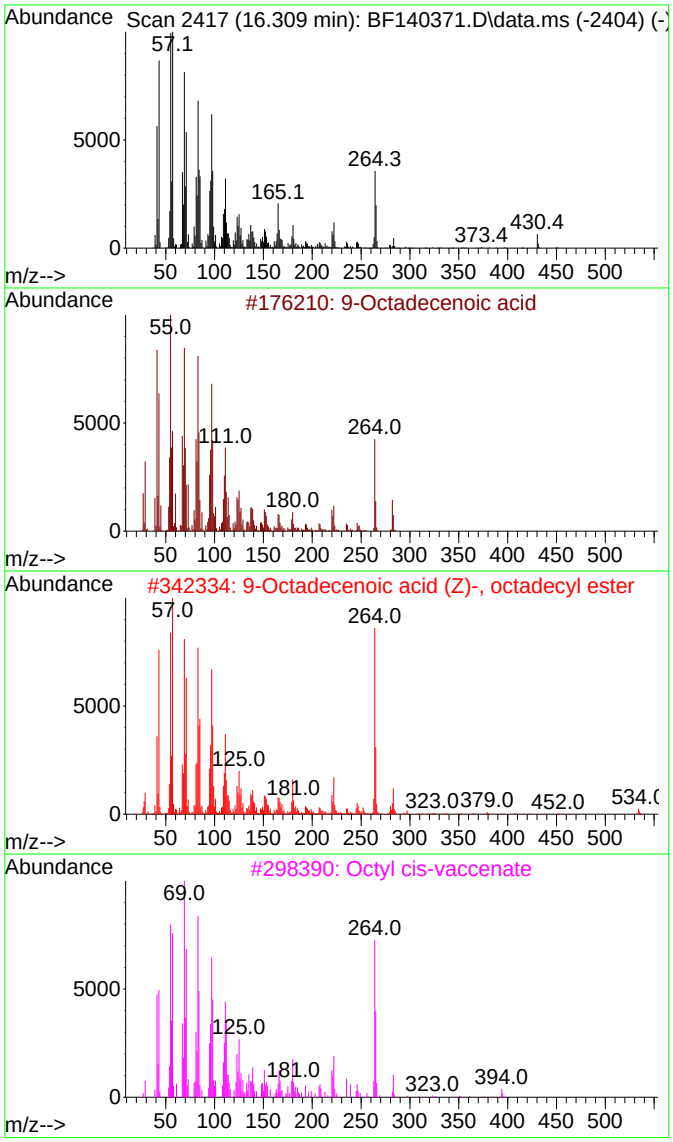
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

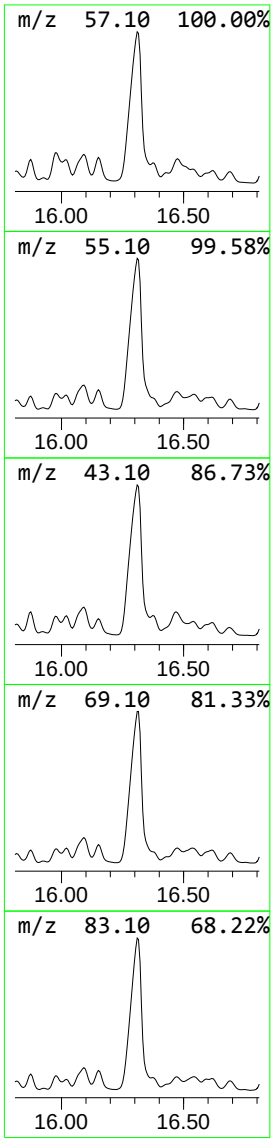
****

Peak Number 18 9-Octadecenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	201.32 ng	26929800	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
2	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	91
3	Octyl cis-vaccenate	394	C26H50O2	180252-12-4	90
4	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	87
5	Oleic Acid	282	C18H34O2	000112-80-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

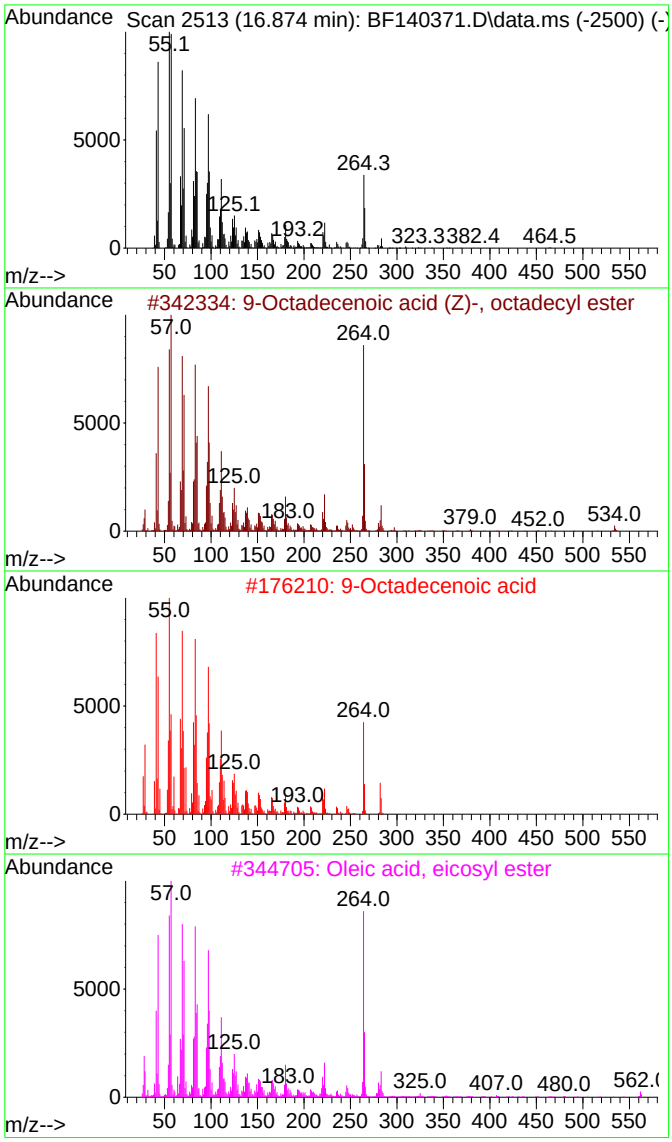
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

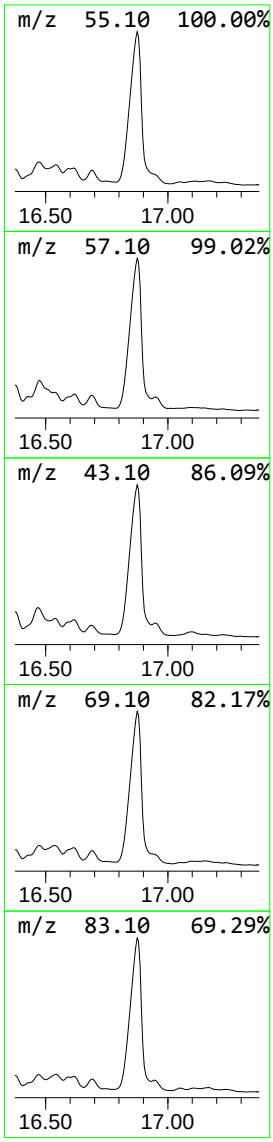
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9-Octadecenoic acid (Z)-, o... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.874	162.89 ng	21788800	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	94
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	93
3	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	91
4	Decyl oleate	422	C28H54O2	003687-46-5	90
5	Octyl cis-vaccenate	394	C26H50O2	180252-12-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

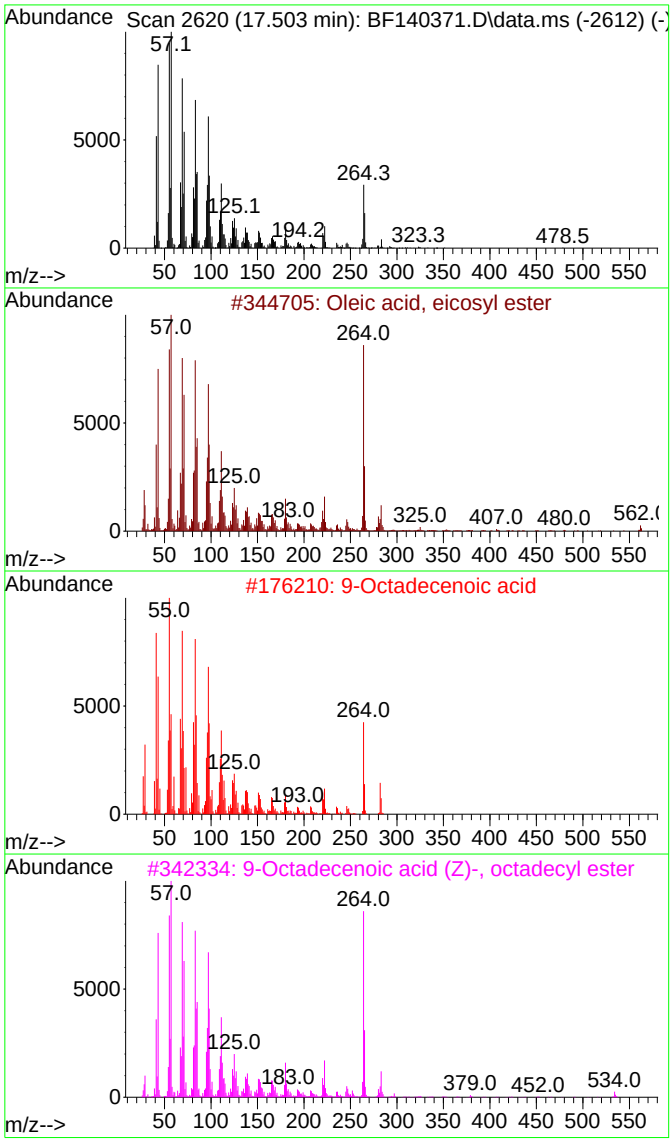
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

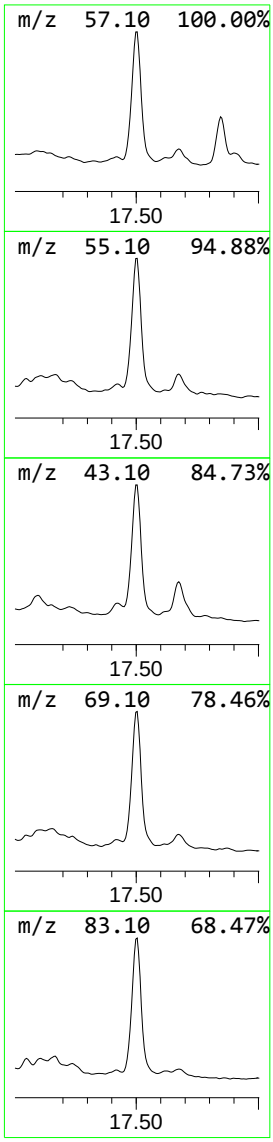
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Oleic acid, eicosyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.503	27.49 ng	3676820	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	94
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	93
3	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	91
4	Decyl oleate	422	C28H54O2	003687-46-5	87
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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
Mesitylene	6.704	20.0	ng	3090330	1	6.875	3090330	20.0
Tridecane	8.745	21.4	ng	5550250	2	8.157	5177280	20.0
1-Decene	9.728	24.3	ng	7166920	3	9.916	5909610	20.0
Tetradecane	9.845	20.0	ng	5909610	3	9.916	5909610	20.0
1-Dodecanol	10.239	24.5	ng	7238720	3	9.916	5909610	20.0
Hexadecane	10.345	26.6	ng	7864950	3	9.916	5909610	20.0
Nonadecane	10.822	52.1	ng	7573340	4	11.404	2905090	20.0
Heptadecane	11.269	29.5	ng	4279810	4	11.404	2905090	20.0
1,4-Dimethyl-2-...	11.298	20.0	ng	2905090	4	11.404	2905090	20.0
Heneicosane	11.692	24.2	ng	3521500	4	11.404	2905090	20.0
Benzenamine, 4,...	12.063	36.0	ng	5223260	4	11.404	2905090	20.0
3,5-di-tert-But...	12.104	30.3	ng	4396820	4	11.404	2905090	20.0
Pentadecane	12.486	20.6	ng	3000040	4	11.404	2905090	20.0
cis-Vaccenic acid	12.880	1312.4	ng	175188000	5	14.063	2669790	20.0
Tert-octyldiphe...	13.310	52.4	ng	6992400	5	14.063	2669790	20.0
4,4'-Di-tert-bu...	13.363	27.7	ng	3692290	5	14.063	2669790	20.0
1,3-Dioxo-2-phe...	14.445	49.7	ng	6640100	5	14.063	2669790	20.0
9-Octadecenoic ...	16.310	201.3	ng	26929800	6	15.557	2675290	20.0
9-Octadecenoic ...	16.874	162.9	ng	21788800	6	15.557	2675290	20.0
Oleic acid, eic...	17.503	27.5	ng	3676820	6	15.557	2675290	20.0