LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

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_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.049	15	19	44	rVB	312899	782685	4.21%	0.664%
2	3.707	126	131	138	rBV	306922	426619	2.29%	0.362%
3	3.802	143	147	159	rVB	437856	662889	3.56%	0.562%
4	4.060	183	191	197	rBV	166150	240076	1.29%	0.204%
5	5.301	396	402	411	rVB	2408633	3733383	20.07%	3.165%
6	6.713	634	642	646	rBV	189568	326461	1.75%	0.277%
7	6.854	659	666	675	rBV	1610659	2613981	14.05%	2.216%
8	7.684	798	807	813	rBV	1315735	2097950	11.28%	1.779%
9	7.748	813	818	826	rVV	392713	667146	3.59%	0.566%
10	7.954	843	853	862	rBV2	428283	1131861	6.08%	0.960%
11	8.237	896	901	912	rBV	114938	217543	1.17%	0.184%
12	8.672	961	975	980	rBV2	366811	995528	5.35%	0.844%
13	8.731	980	985	992	rVV2	348890	695827	3.74%	0.590%
14	8.819	992	1000	1011	rVB	2886482	5083825	27.33%	4.310%
15	9.289	1073	1080	1086	rVB3	111964	220241	1.18%	0.187%
16	9.378	1086	1095	1098	rBV3	183392	324392	1.74%	0.275%
17	10.442	1270	1276	1285	rBV	1610985	2785002	14.97%	2.361%
18	10.742	1322	1327	1332	rVB2	271209	447601	2.41%	0.379%
19	10.901	1346	1354	1359	rBV4	225975	498122	2.68%	0.422%
20	11.060	1373	1381	1386	rBV3	174709	437602	2.35%	0.371%
21	11.325	1416	1426	1431	rBV2	418799	1284277	6.90%	1.089%
22	11.389	1432	1437	1442	rVV4	319231	667716	3.59%	0.566%
23	11.442	1442	1446	1456	rVB3	321665	653207	3.51%	0.554%
24	11.931	1525	1529	1533	rBV	329631	539197	2.90%	0.457%
25	12.101	1553	1558	1563	rBV3	106295	283186	1.52%	0.240%
26	12.730	1660	1665	1675	rVB3	456067	921022	4.95%	0.781%
27	12.925	1691	1698	1712	rVB	7474306	11807293	63.47%	10.010%
28	14.130	1898	1903	1908	rBV	507566	773125	4.16%	0.655%
29	14.313	1929	1934	1941	rVB	2578564	3852970	20.71%	3.267%
30	14.442	1953	1956	1969	rVB	183450	405638	2.18%	0.344%
31	14.607	1980	1984	1990	rVB	229271	369933	1.99%	0.314%
32	15.030	2053	2056	2061	rVB	212062	299384	1.61%	0.254%
33	15.507	2131	2137	2142	rBV	1973779	3175724	17.07%	2.692%
34	15.701	2166	2170	2175	rBV	706820	1100042	5.91%	0.933%
35	15.830	2186	2192	2203	rVB2	6709552	10948091	58.85%	9.282%
36	16.642	2326	2330	2339	rBV3	424675	926867	4.98%	0.786%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

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_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.118	2406	2411	2420	rVB2	2824815	4275336	22.98%	3.625%
38	17.689	2504	2508	2516	rBV	616800	1078759	5.80%	0.915%
39	18.089	2570	2576	2585	rBV	3320958	5884619	31.63%	4.989%
40	19.301	2779	2782	2796	rVB3	487967	973679	5.23%	0.825%
41	19.424	2797	2803	2815	rVB	2707268	5119458	27.52%	4.340%
42	19.612	2833	2835	2840	rVB	493332	576736	3.10%	0.489%
43	19.865	2872	2878	2883	rBV	13647593	18602365	100.00%	15.771%
44	21.571	3163	3168	3174	rVB2	2968588	4677577	25.15%	3.966%
45	24.889	3725	3732	3745	rVB	2115798	5600634	30.11%	4.748%
46	27.059	4093	4101	4128	rVB	1988142	8768053	47.13%	7.433%

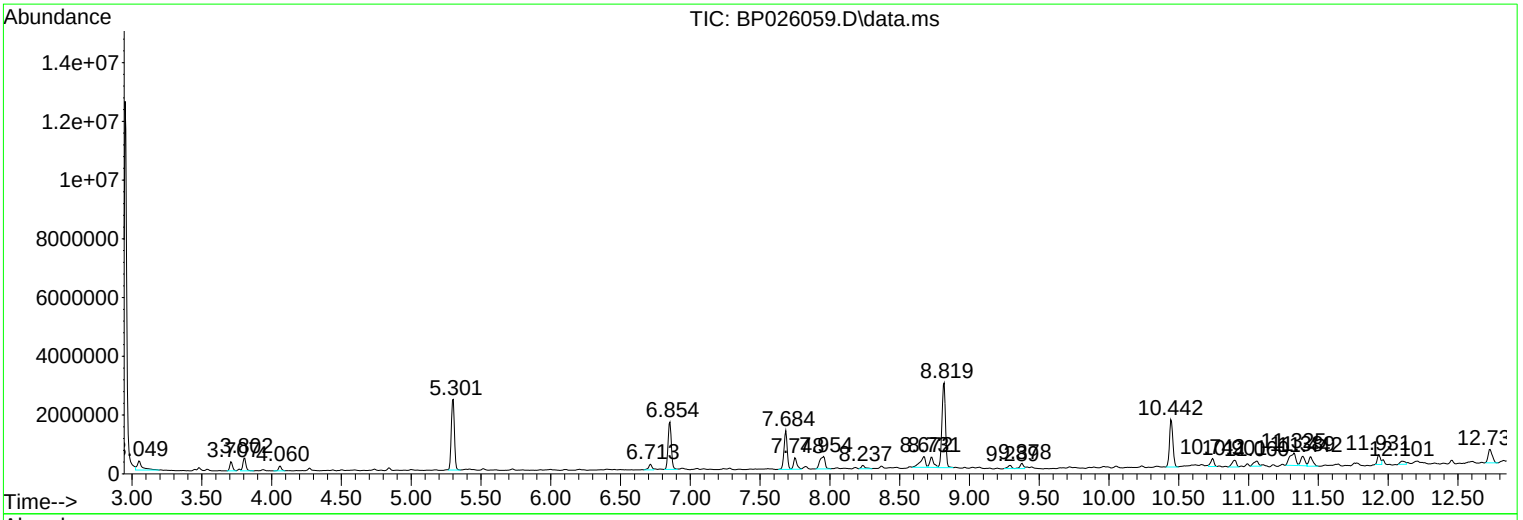
Sum of corrected areas: 117953622

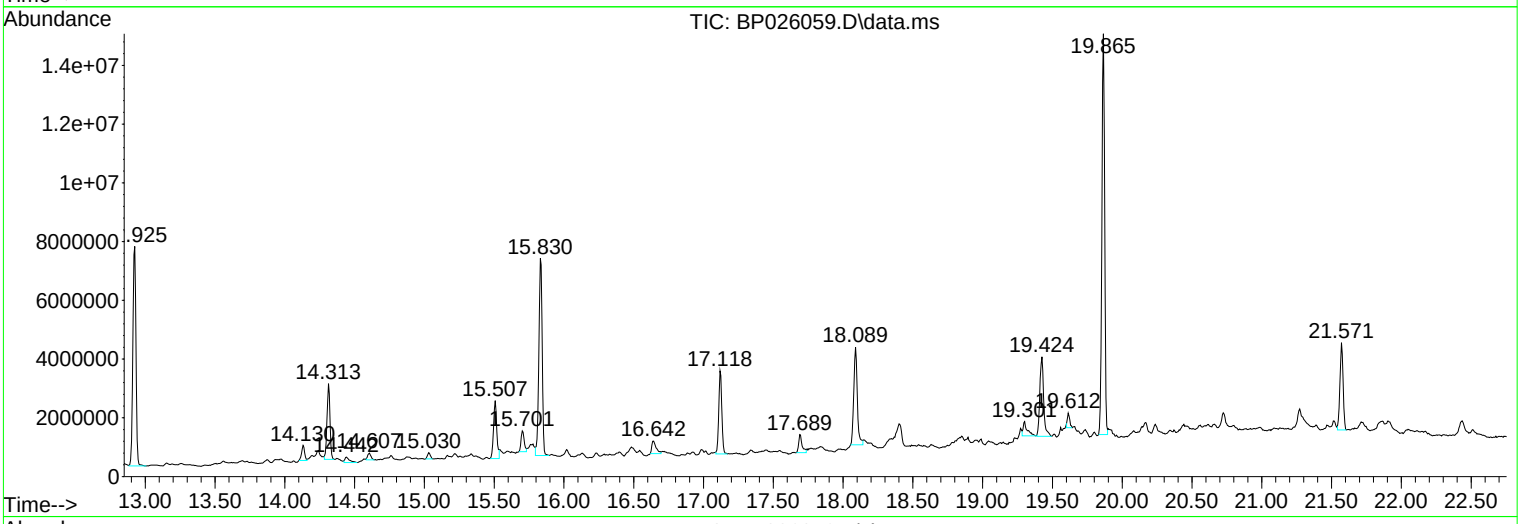
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

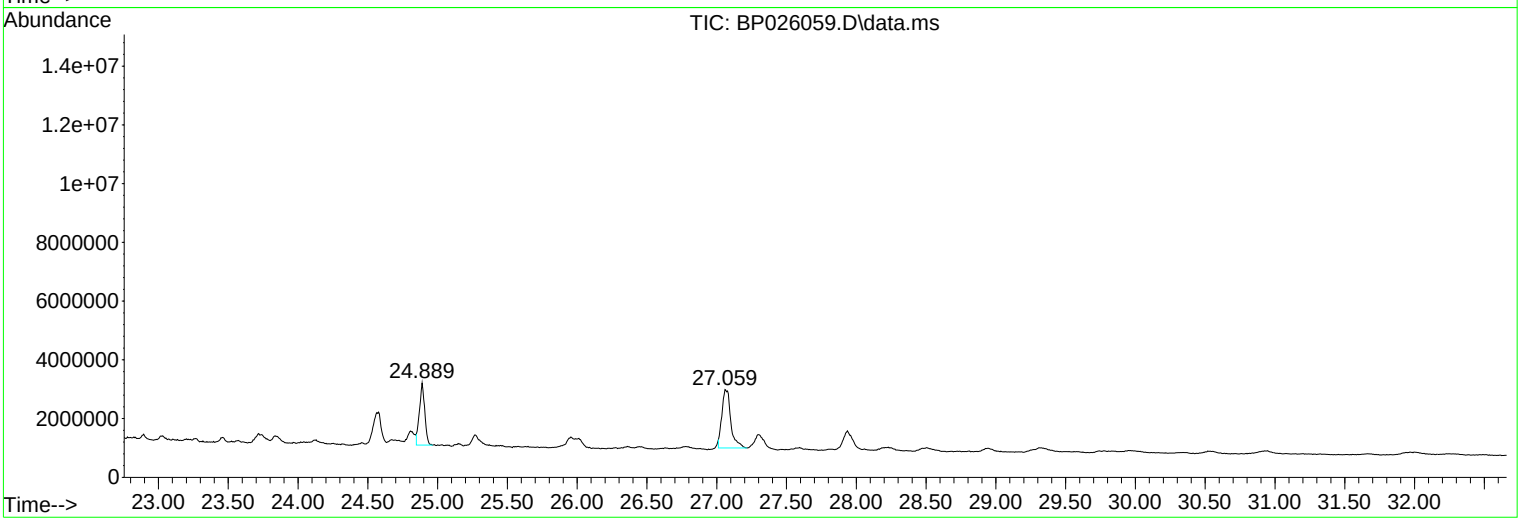
Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

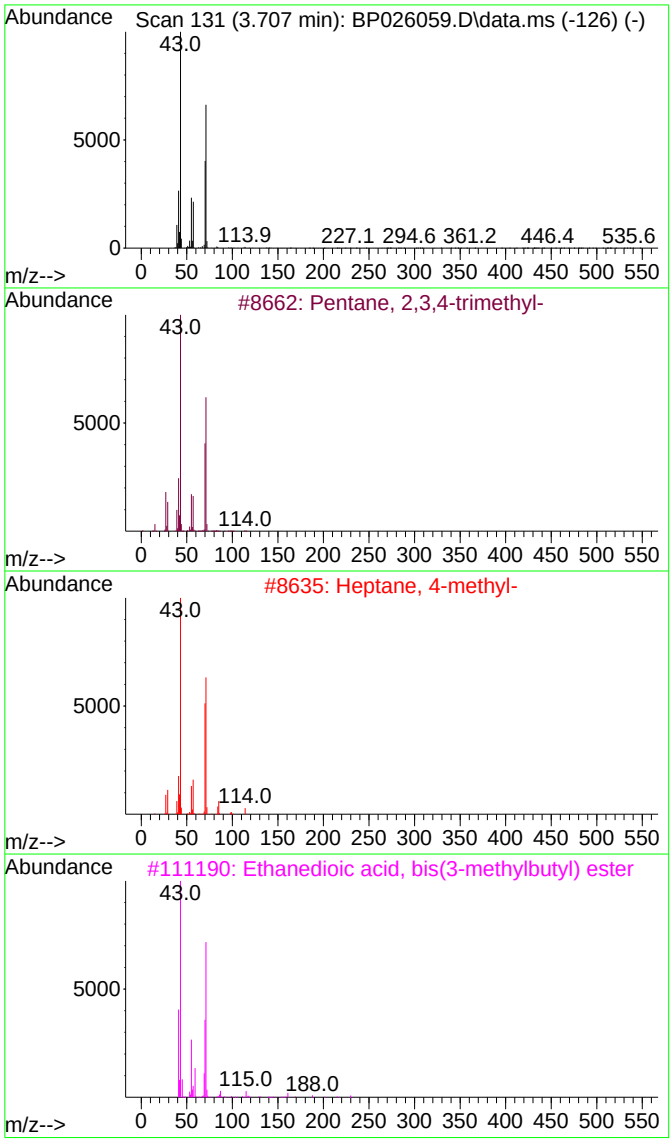
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

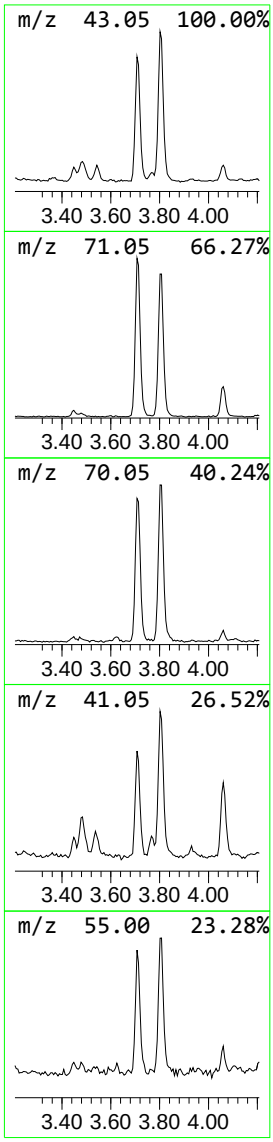
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.707	4.07 ng	426619	1,4-Dichlorobenzene-d4	7.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

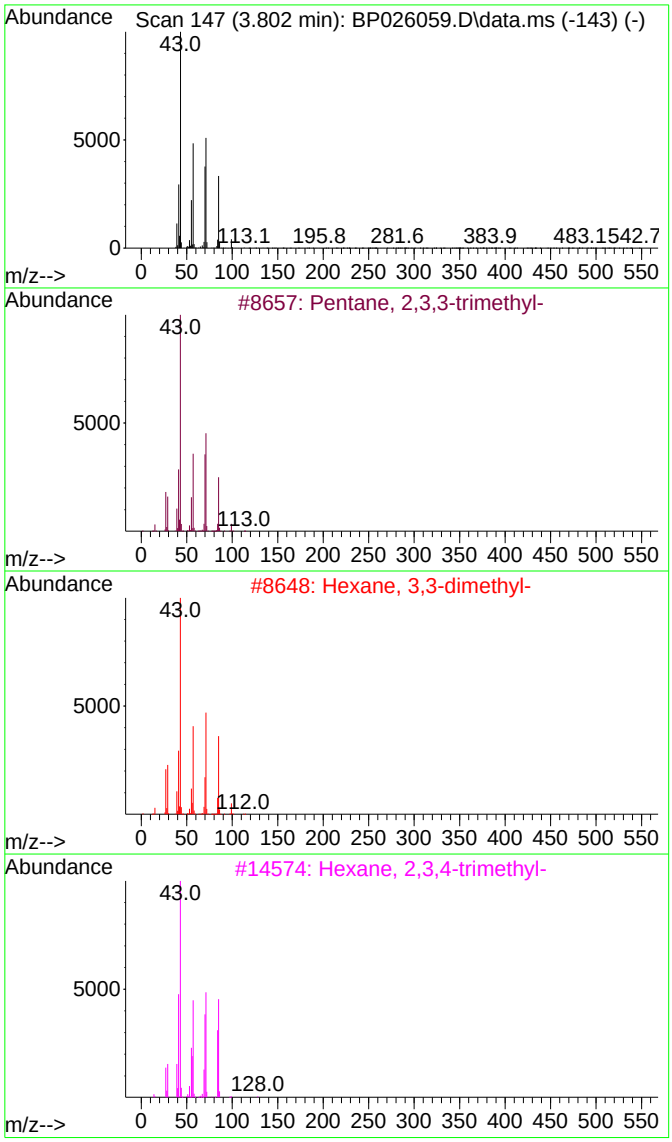
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

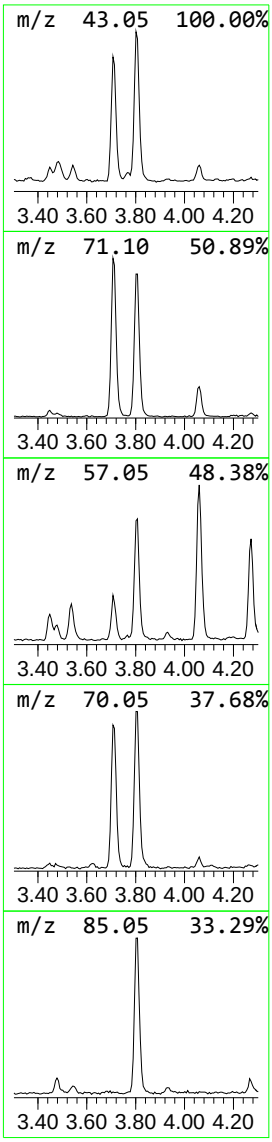
****

Peak Number 3 Hexane, 3,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.802	6.32 ng	662889	1,4-Dichlorobenzene-d4	7.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

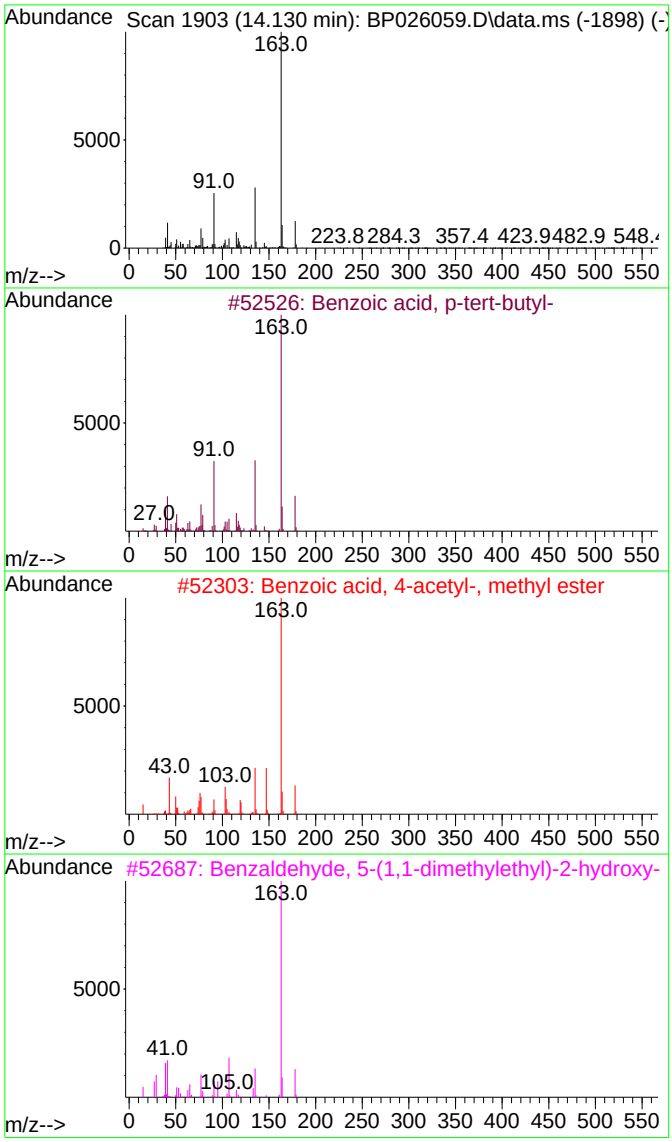
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

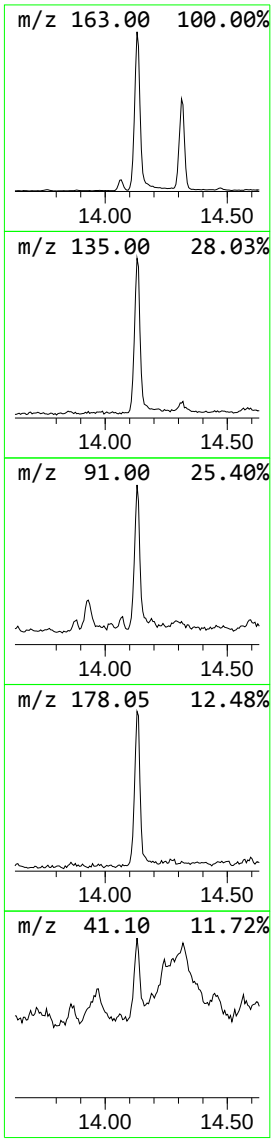
****

Peak Number 12 Benzoic acid, p-tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.130	4.01 ng	773125	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
3	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64
4	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60
5	2-tert-Butyl-4-ethylphenol, O-is...	264	C16H24O3	1000487-42-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

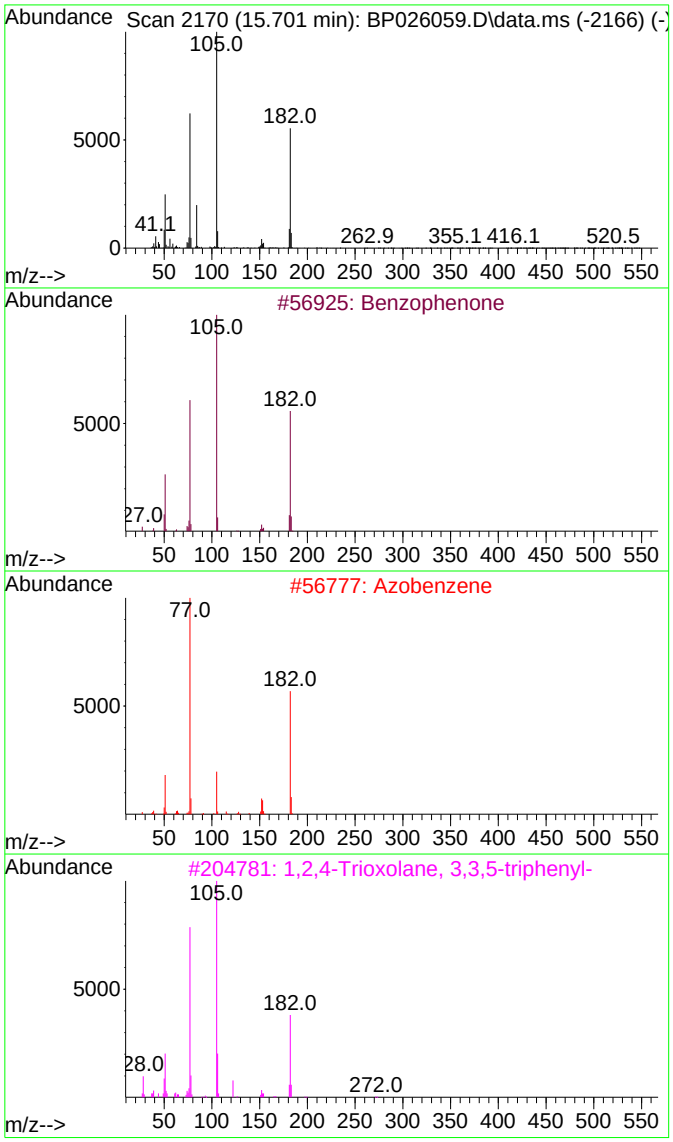
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

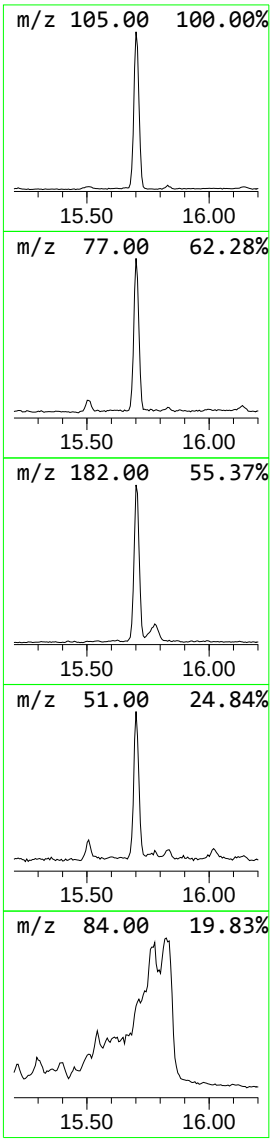
****

Peak Number 14 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	5.71 ng	1100040	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	40
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

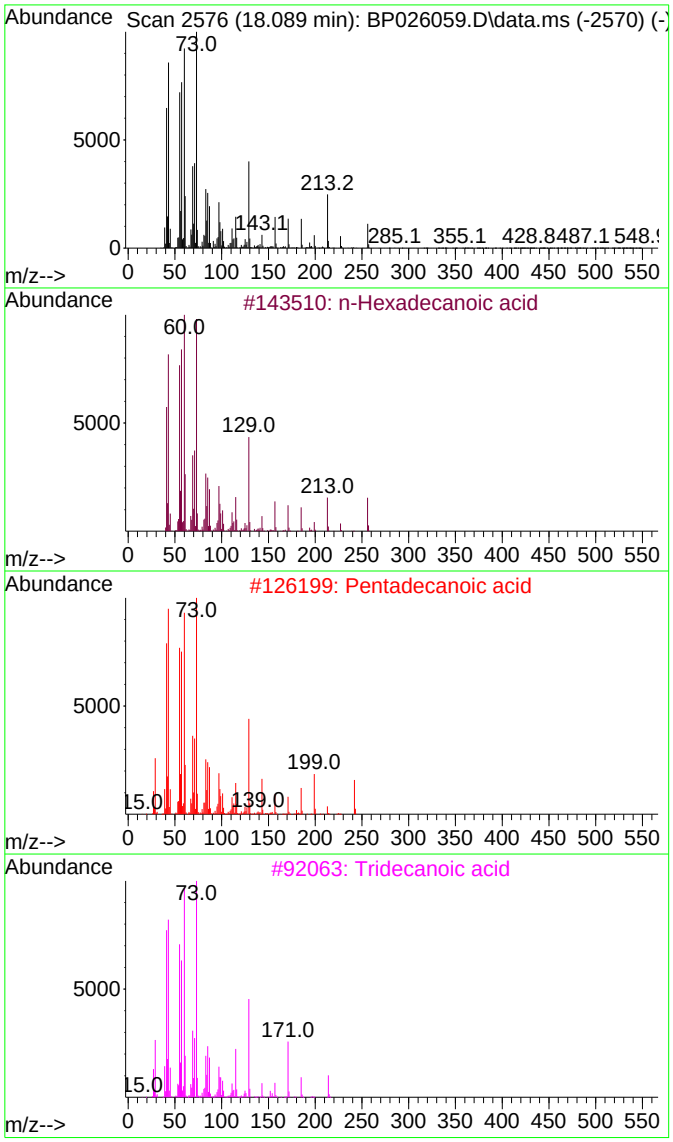
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

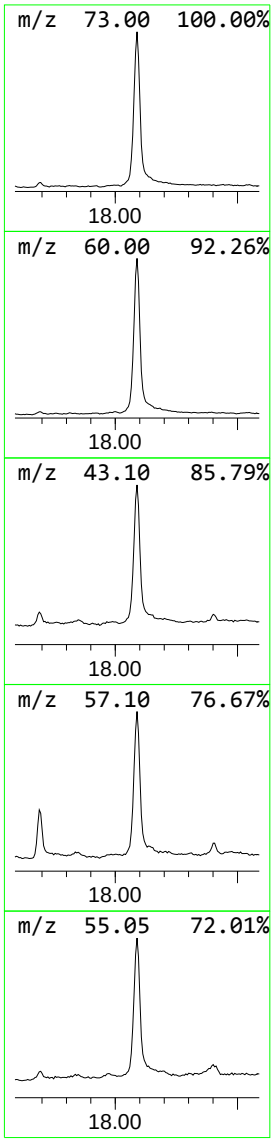
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	27.53 ng	5884620	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

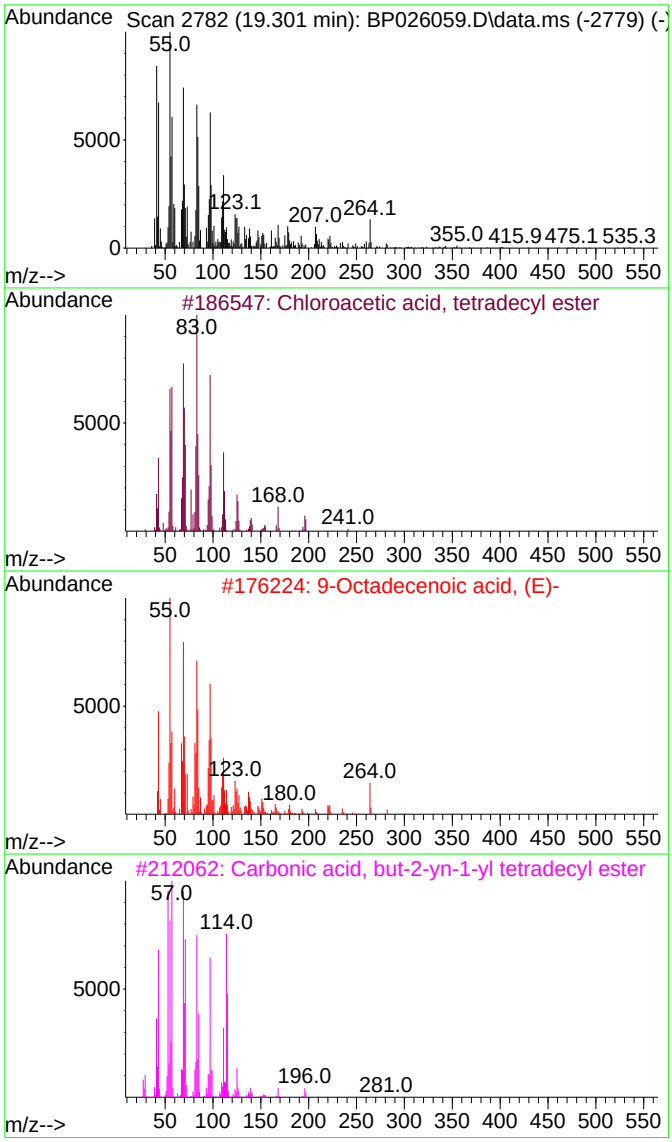
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

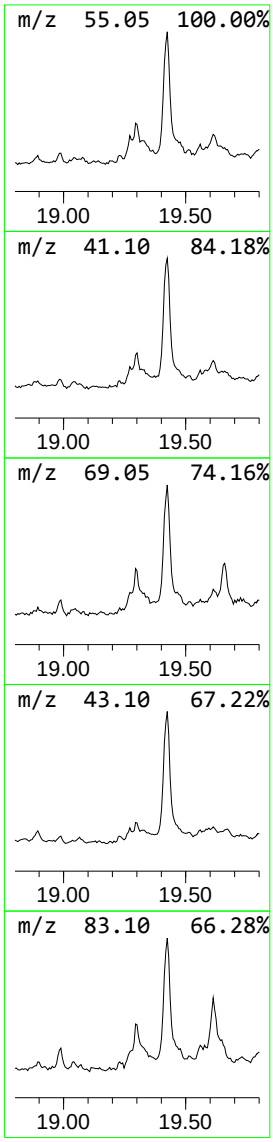
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Chloroacetic acid, tetradec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.301	4.55 ng	973679	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	80
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	68
3	Carbonic acid, but-2-yn-1-yl tet...	310	C19H34O3	1010383-20-9	58
4	1-Tetracosene	336	C24H48	010192-32-2	58
5	Pentacos-1-ene	350	C25H50	016980-85-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

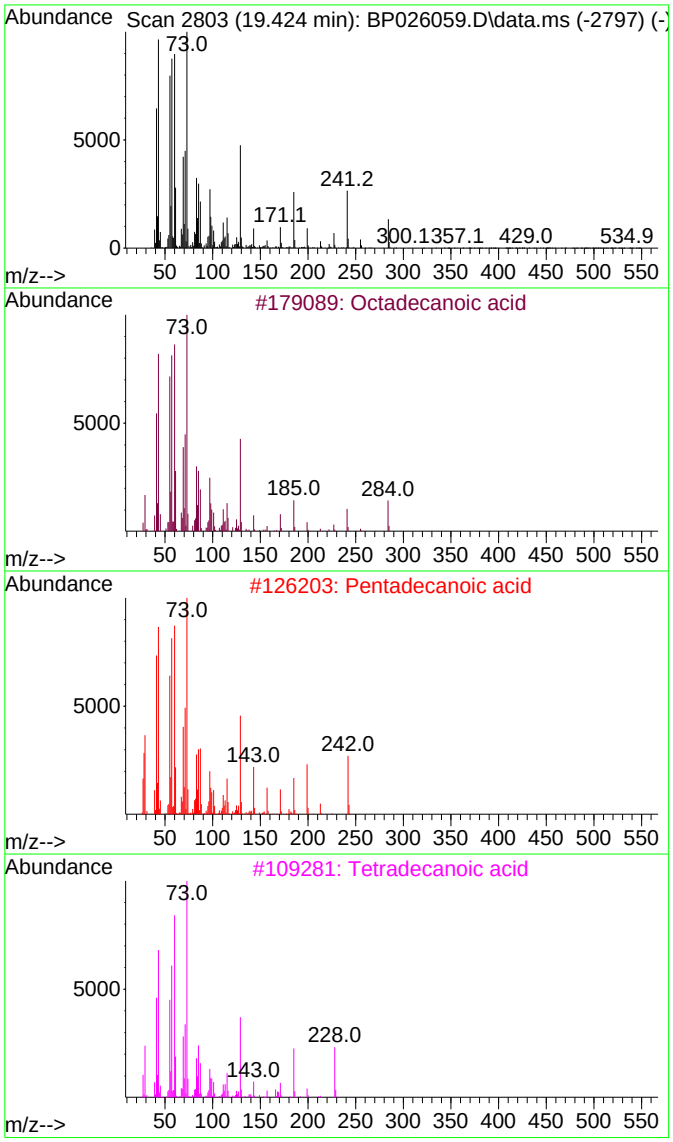
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

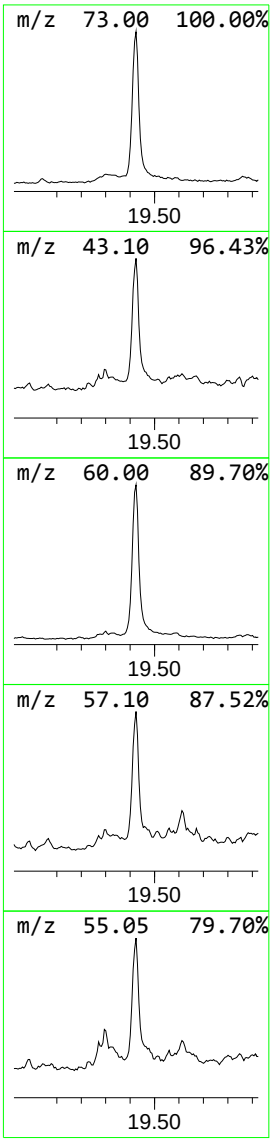
****

Peak Number 19 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.424	21.89 ng	5119460	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026059.D
Acq On : 03 Nov 2025 15:32
Operator : RC/JU
Sample : Q3494-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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
Pentane, 2,3,4-...	3.707	4.1	ng	426619	1	7.684	2097950	20.0
Hexane, 3,3-dim...	3.802	6.3	ng	662889	1	7.684	2097950	20.0
Benzoic acid, p...	14.130	4.0	ng	773125	3	14.313	3852970	20.0
Benzophenone	15.701	5.7	ng	1100040	3	14.313	3852970	20.0
n-Hexadecanoic ...	18.089	27.5	ng	5884620	4	17.119	4275340	20.0
Chloroacetic ac...	19.301	4.5	ng	973679	4	17.119	4275340	20.0
Octadecanoic acid	19.424	21.9	ng	5119460	5	21.571	4677580	20.0