LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024927.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	305	312	322	rBV	470748	682667	3.96%	0.576%
2	5.237	385	391	411	rBV	4803131	7290405	42.27%	6.150%
3	6.819	652	660	681	rBV	4510949	7743242	44.90%	6.532%
4	7.607	782	794	802	rBV	950089	1482029	8.59%	1.250%
5	8.760	982	990	999	rBV	3143534	5008038	29.04%	4.225%
6	10.378	1256	1265	1272	rBV	1187681	2048313	11.88%	1.728%
7	12.860	1679	1687	1705	rBV	7575289	11768904	68.24%	9.928%
8	14.254	1914	1924	1930	rBV	1879491	2776112	16.10%	2.342%
9	14.319	1930	1935	1943	rVB	234834	366018	2.12%	0.309%
10	14.660	1988	1993	1997	rBV	228138	339693	1.97%	0.287%
11	15.319	2100	2105	2117	rVB	276421	422323	2.45%	0.356%
12	15.642	2153	2160	2166	rBV	694090	943408	5.47%	0.796%
13	15.778	2176	2183	2196	rBV	6759263	10027904	58.14%	8.460%
14	17.060	2393	2401	2405	rBV	2372767	3265401	18.93%	2.755%
15	17.101	2405	2408	2415	rVB	1212339	1534848	8.90%	1.295%
16	17.195	2421	2424	2430	rVB	265527	363142	2.11%	0.306%
17	17.489	2464	2474	2487	rBV	154009	471439	2.73%	0.398%
18	17.966	2546	2555	2557	rBV3	150700	359398	2.08%	0.303%
19	18.001	2557	2561	2570	rVV2	2479365	3795897	22.01%	3.202%
20	18.160	2583	2588	2593	rBV2	185685	348972	2.02%	0.294%
21	18.301	2607	2612	2616	rBV6	82834	174178	1.01%	0.147%
22	18.536	2648	2652	2657	rVV	258102	342222	1.98%	0.289%
23	19.066	2738	2742	2749	rVB	162659	285934	1.66%	0.241%
24	19.189	2757	2763	2769	rBV	2297810	3632027	21.06%	3.064%
25	19.330	2782	2787	2798	rBV	1509198	2307281	13.38%	1.946%
26	19.536	2817	2822	2823	rBV	421063	496708	2.88%	0.419%
27	19.566	2823	2827	2831	rVB	1902949	2715229	15.74%	2.291%
28	19.642	2837	2840	2846	rVB2	115536	197444	1.14%	0.167%
29	19.783	2856	2864	2869	rBV	13343059	17247329	100.00%	14.550%
30	19.913	2881	2886	2892	rBV3	165524	363181	2.11%	0.306%
31	20.048	2905	2909	2910	rBV3	157128	201841	1.17%	0.170%
32	20.083	2912	2915	2919	rVV2	362954	595437	3.45%	0.502%
33	20.195	2930	2934	2937	rBV	165516	231268	1.34%	0.195%
34	20.395	2965	2968	2973	rBV	144219	189088	1.10%	0.160%
35	20.454	2974	2978	2982	rVV3	197143	317492	1.84%	0.268%
36	20.636	3007	3009	3012	rVB2	211124	186018	1.08%	0.157%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.877	3046	3050	3055	rVB	365340	472164	2.74%	0.398%
38	21.060	3078	3081	3085	rBV2	197638	246532	1.43%	0.208%
39	21.154	3092	3097	3104	rBV4	1239293	2117299	12.28%	1.786%
40	21.489	3147	3154	3158	rBV3	2544982	5134562	29.77%	4.332%
41	21.530	3158	3161	3175	rVB	1193032	2020206	11.71%	1.704%
42	21.730	3190	3195	3202	rBV2	812625	1361993	7.90%	1.149%
43	22.371	3297	3304	3310	rVB6	496193	1281443	7.43%	1.081%
44	22.724	3359	3364	3374	rBV	1277179	2307676	13.38%	1.947%
45	23.718	3528	3533	3542	rBV	950957	2482704	14.39%	2.094%
46	23.883	3558	3561	3567	rVB3	377548	680241	3.94%	0.574%
47	23.954	3567	3573	3586	rVB3	835588	2129877	12.35%	1.797%
48	24.448	3652	3657	3672	rVB2	522081	1319427	7.65%	1.113%
49	24.601	3679	3683	3696	rVB	562035	1327951	7.70%	1.120%
50	24.748	3700	3708	3716	rBV2	1414743	3736104	21.66%	3.152%
51	26.012	3919	3923	3935	rVB2	603991	1400770	8.12%	1.182%

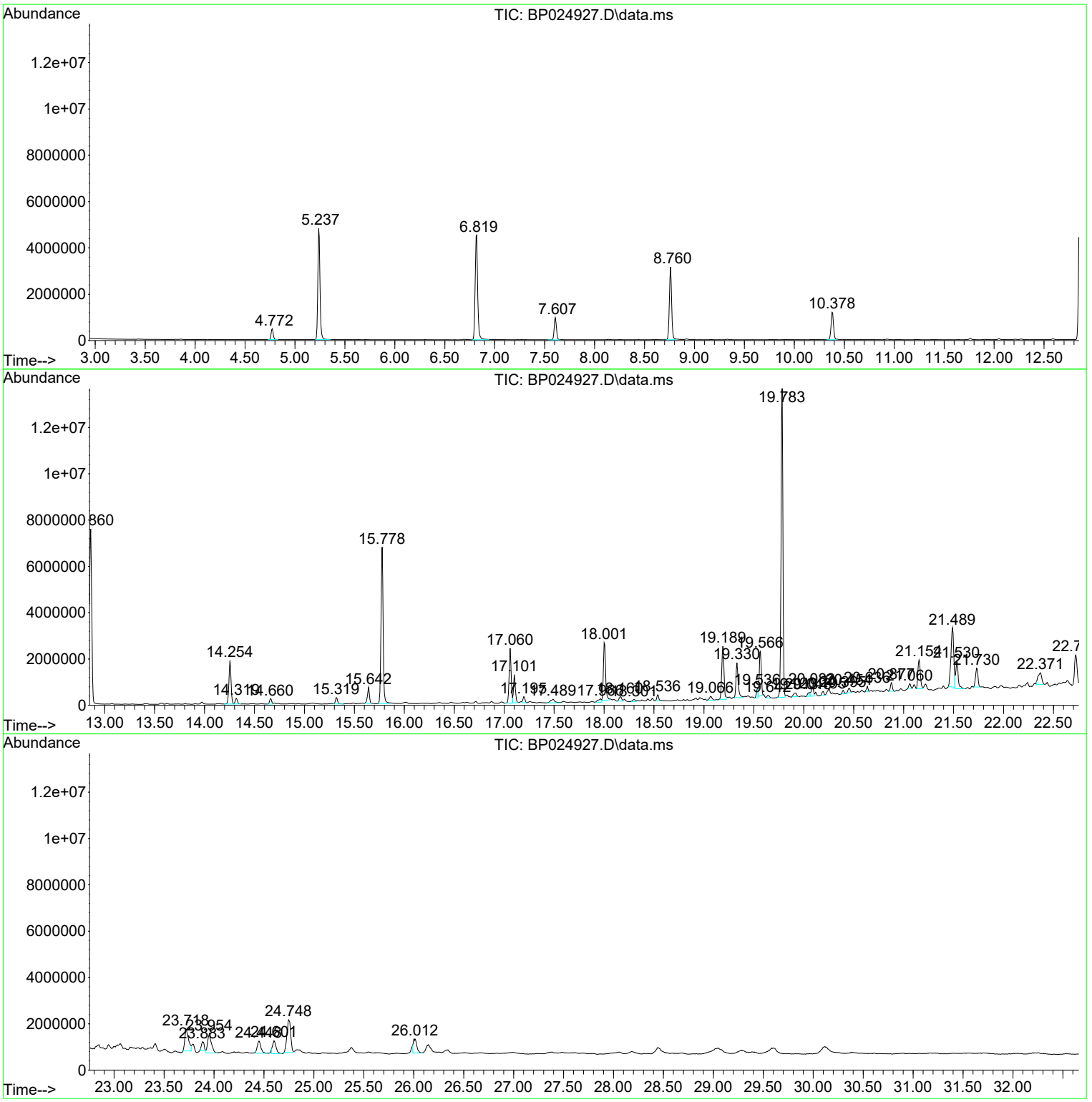
Sum of corrected areas: 118539779

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

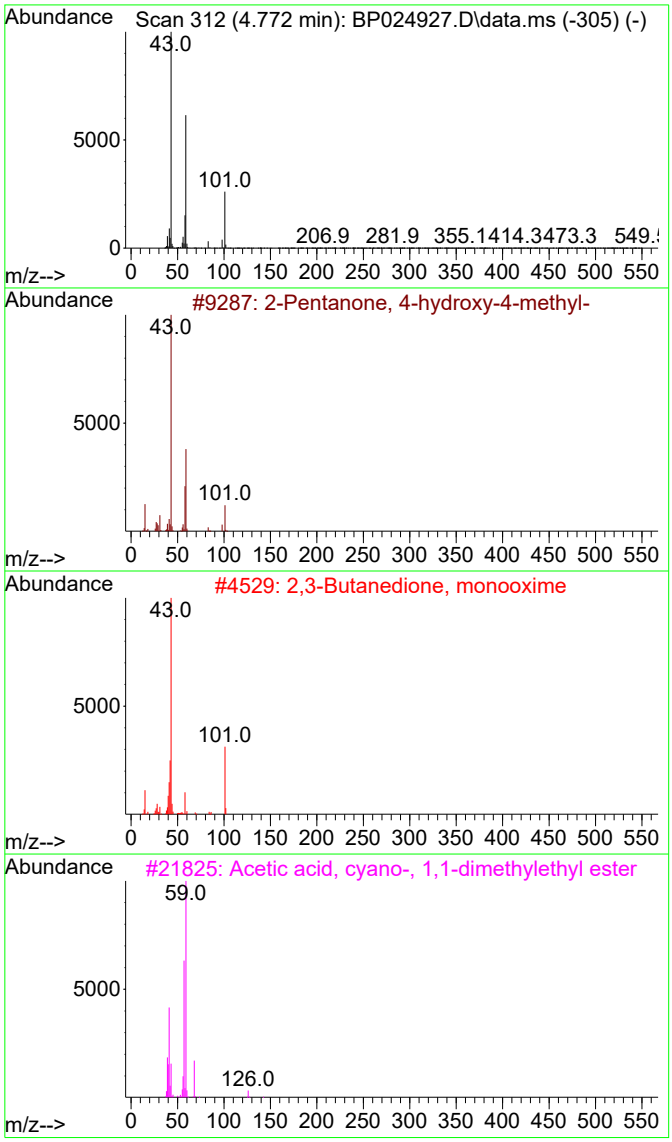
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

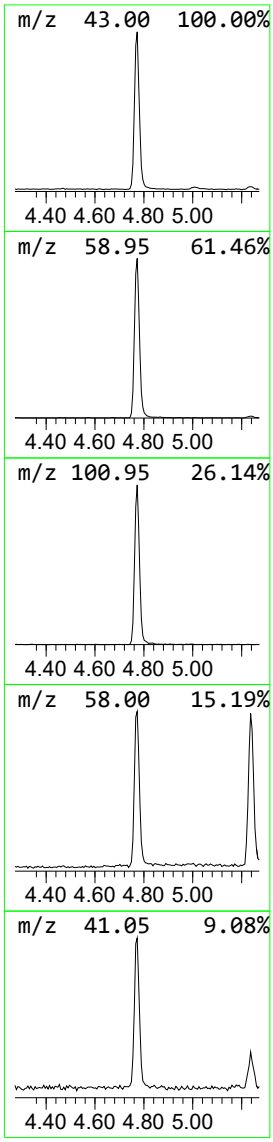
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	9.21 ng	682667	1,4-Dichlorobenzene-d4	7.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

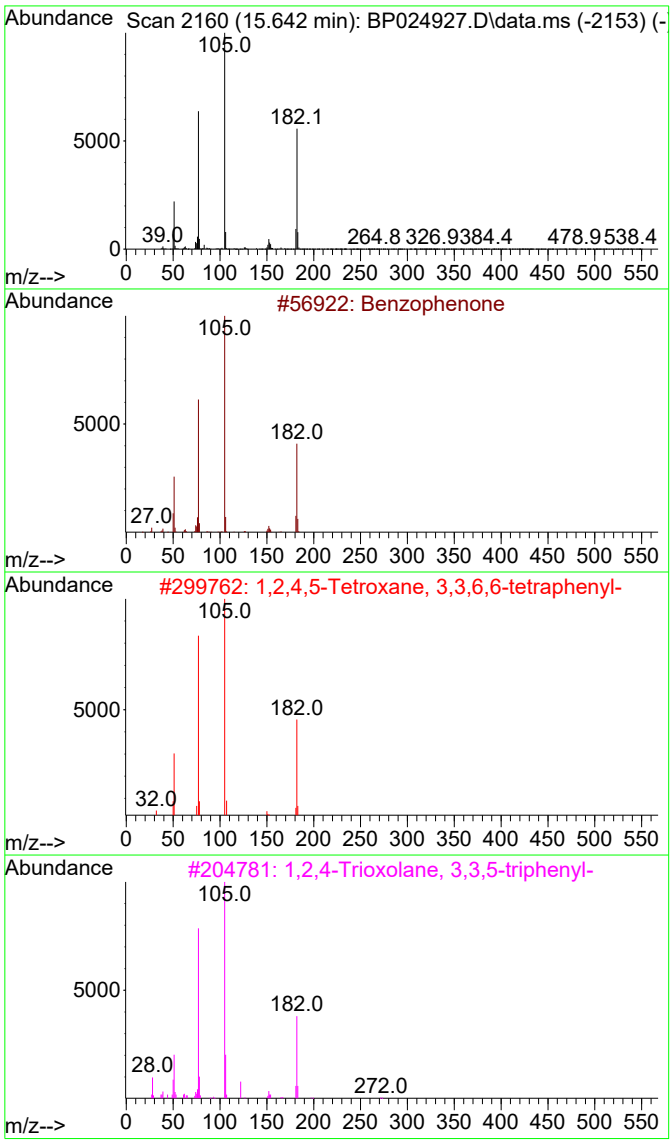
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

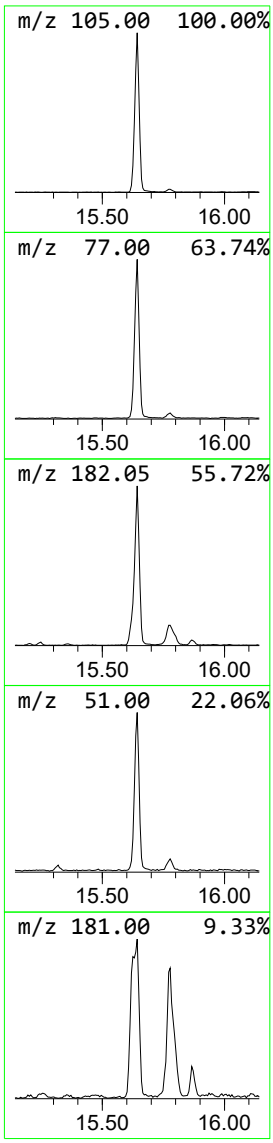
****

Peak Number 2 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.642	6.80 ng	943408	Acenaphthene-d10	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	Azobenzene	182	C12H10N2	000103-33-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

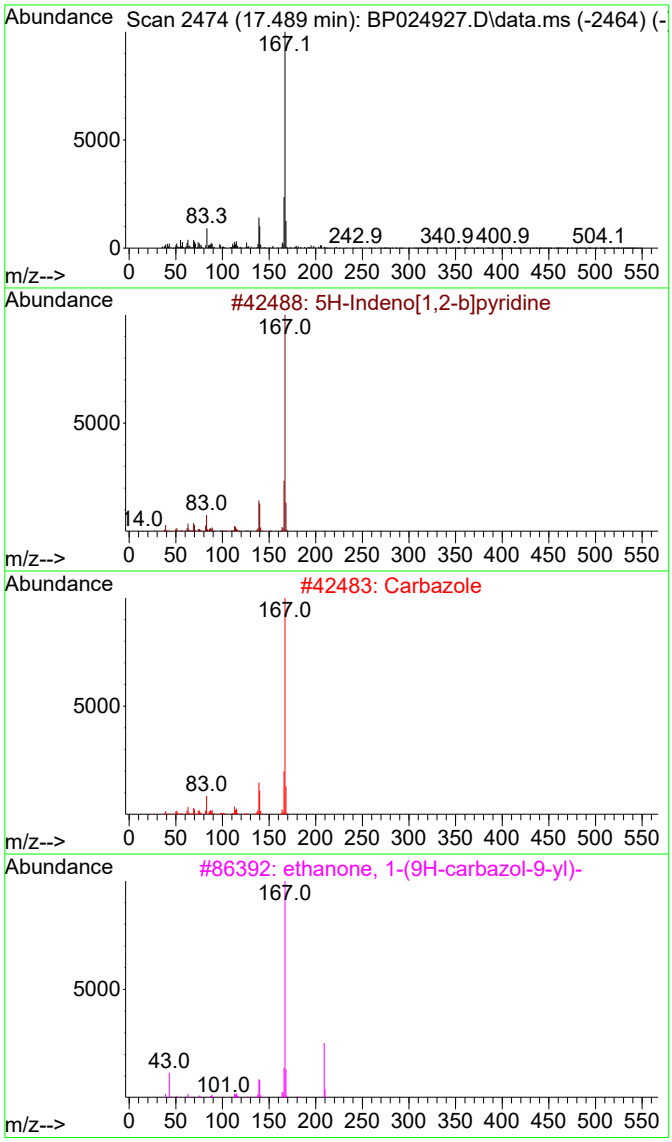
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

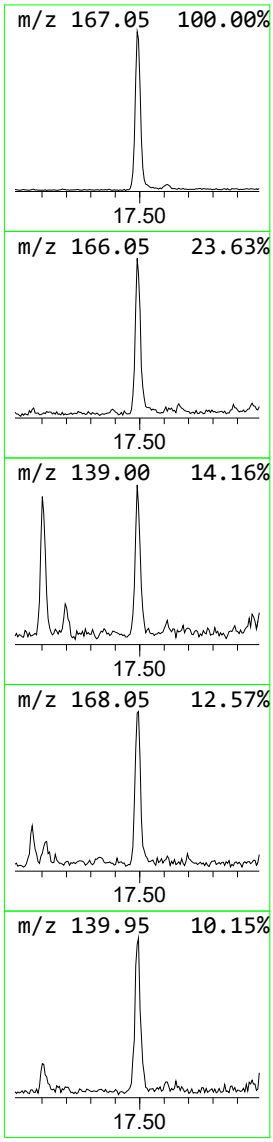
****

Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.489	2.89 ng	471439	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	94
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	81
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

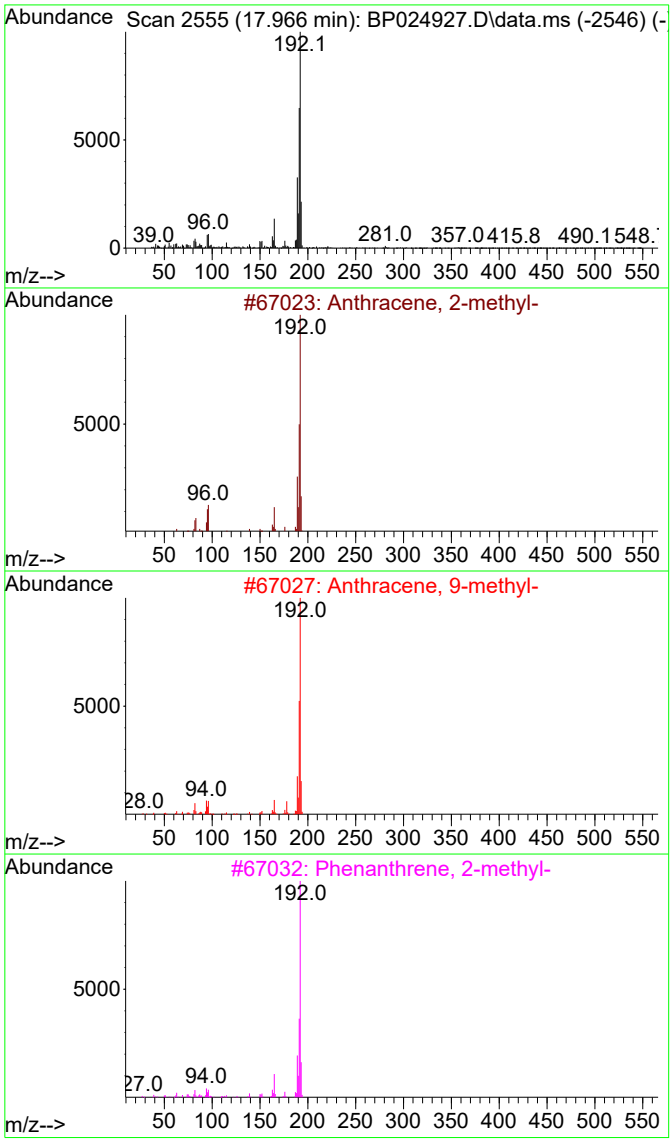
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

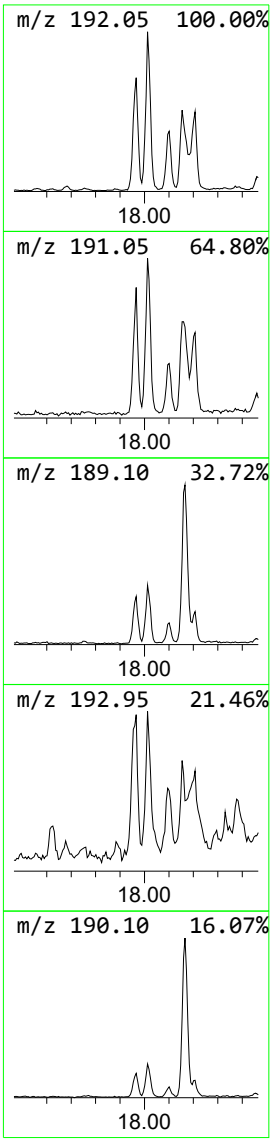
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.966	2.20 ng	359398	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

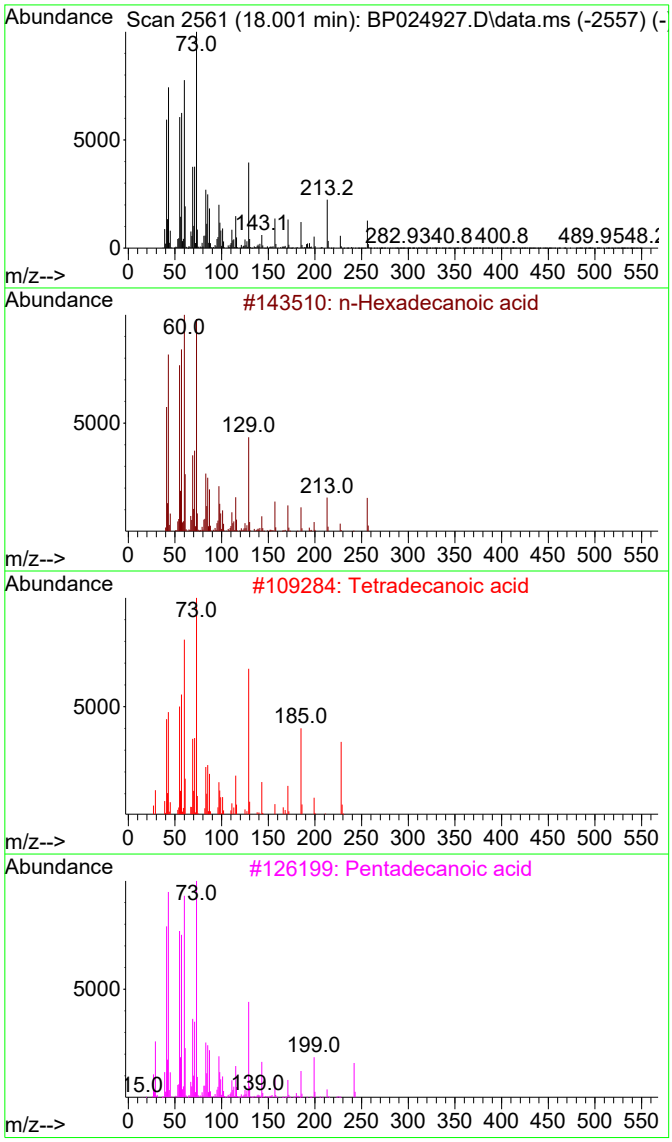
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

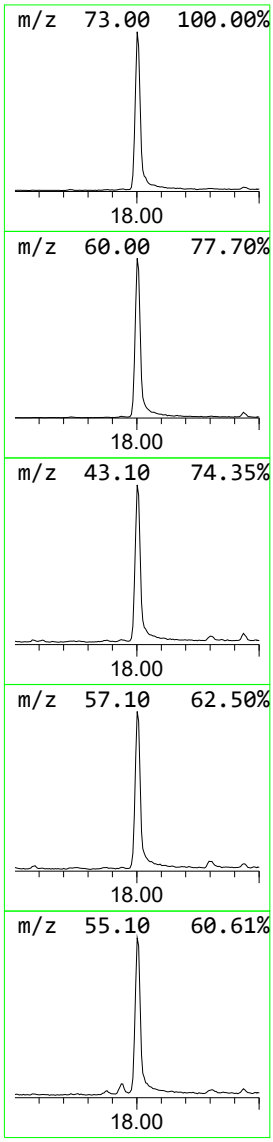
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.001	23.25 ng	3795900	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

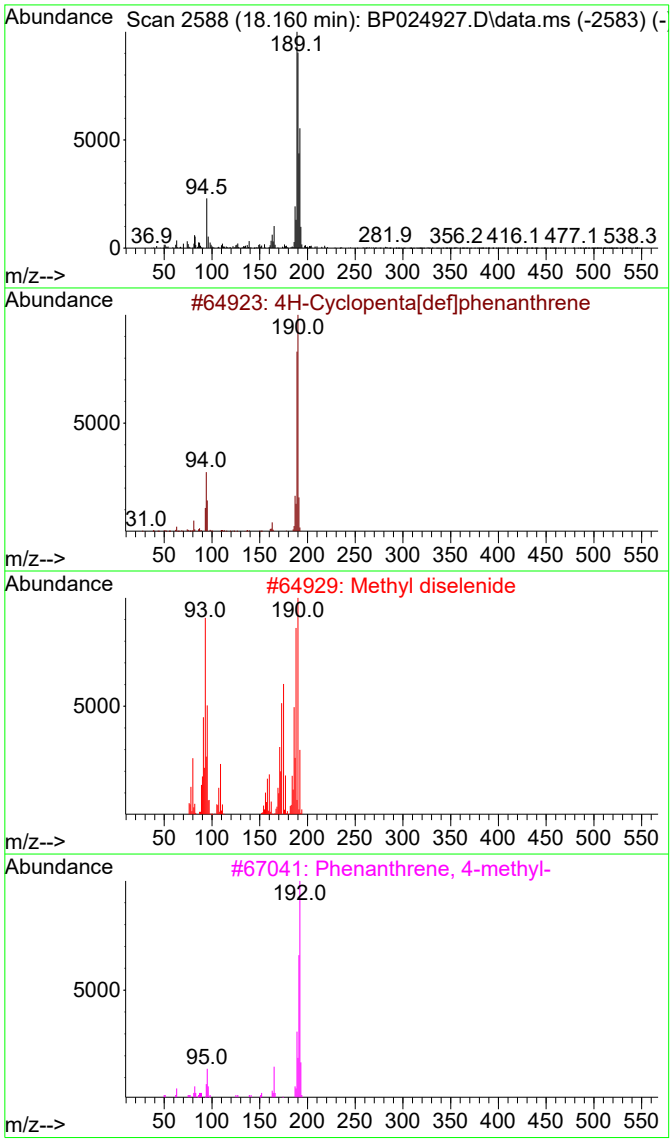
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

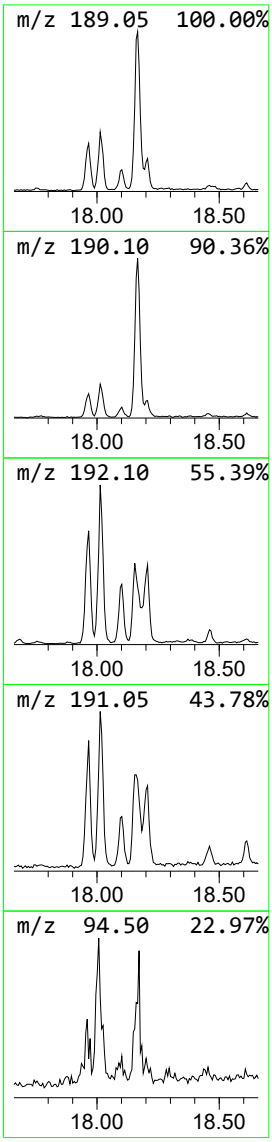
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	2.14 ng	348972	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

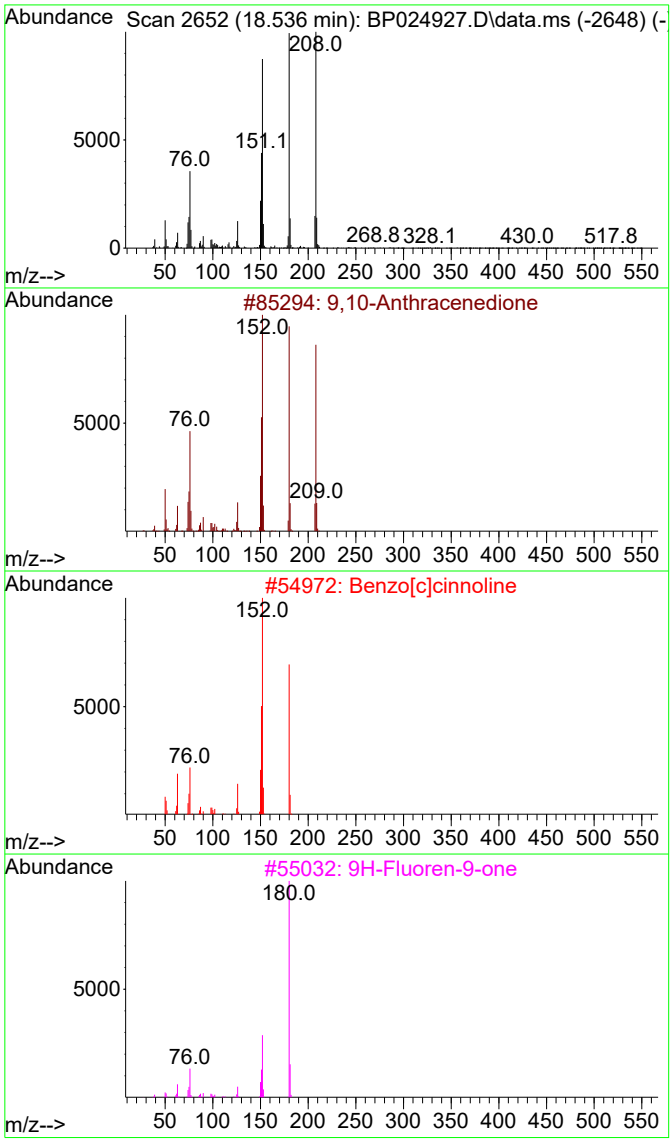
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

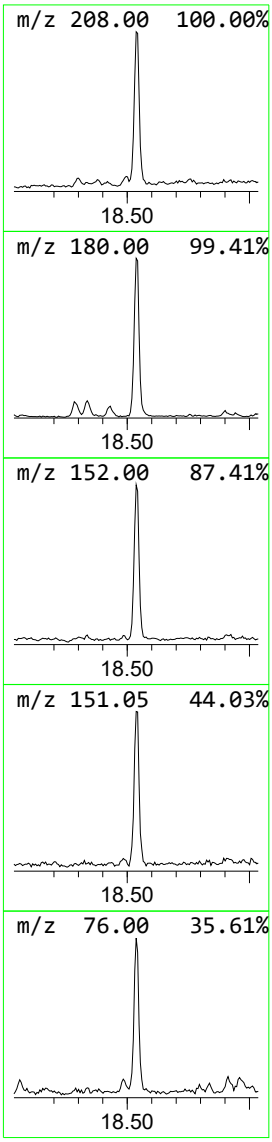
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.536	2.10 ng	342222	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

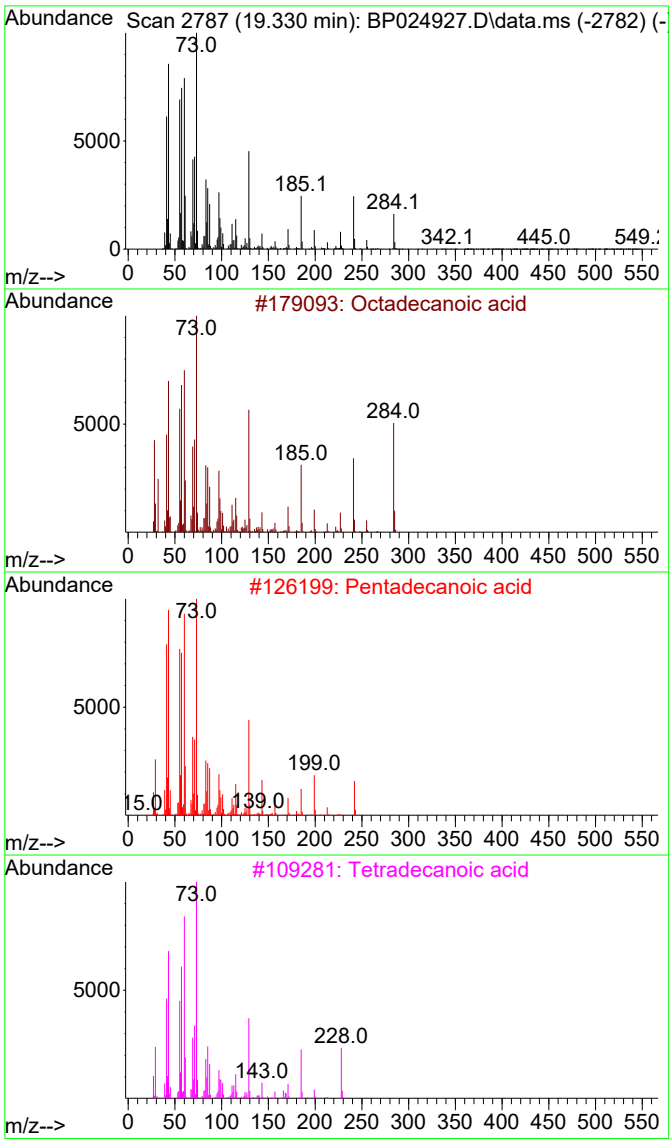
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

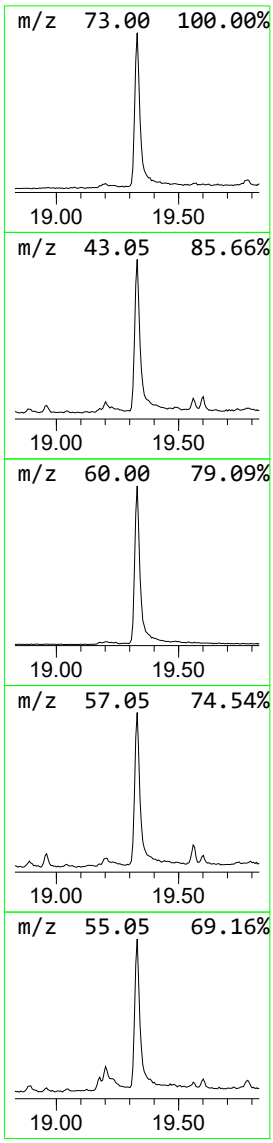
****

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.330	8.99 ng	2307280	Chrysene-d12	21.489

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

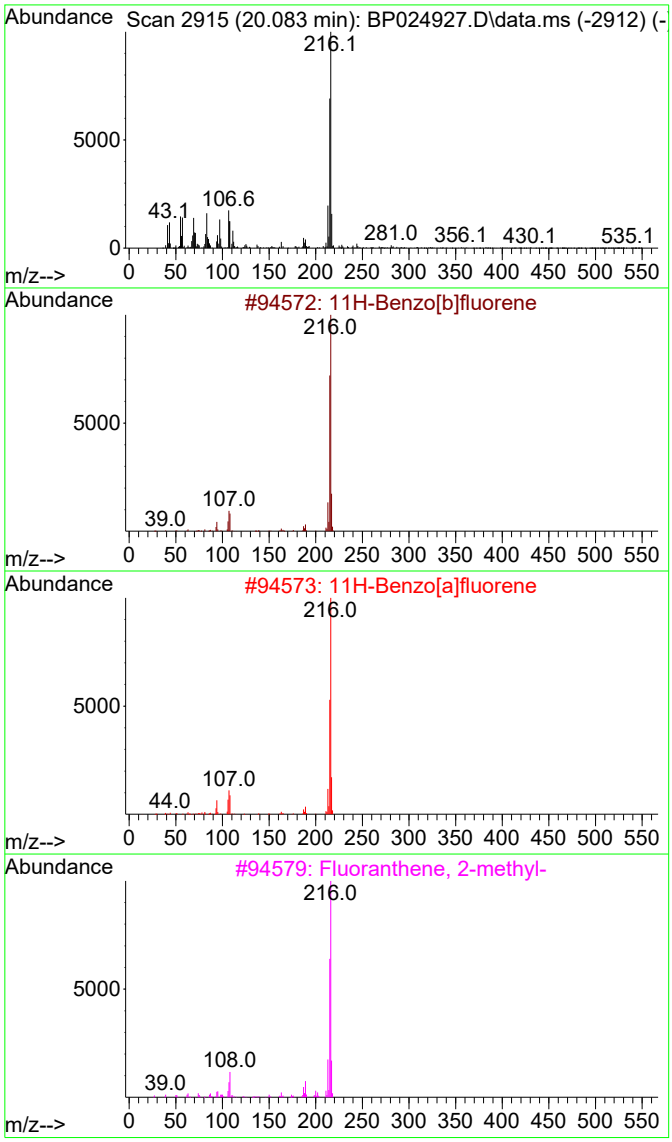
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

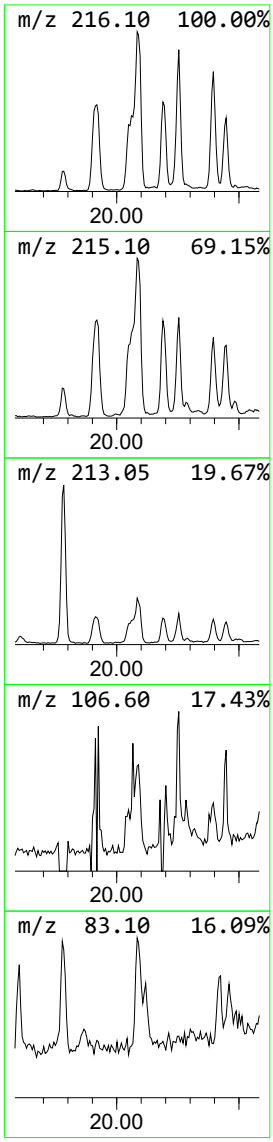
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.083	2.32 ng	595437	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

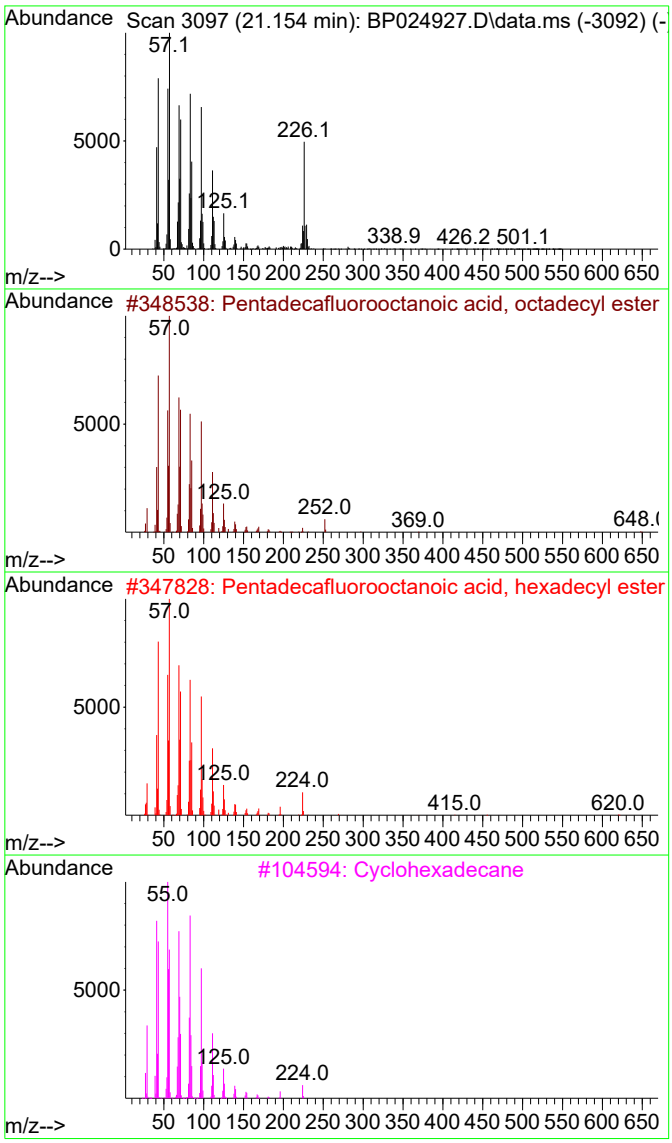
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

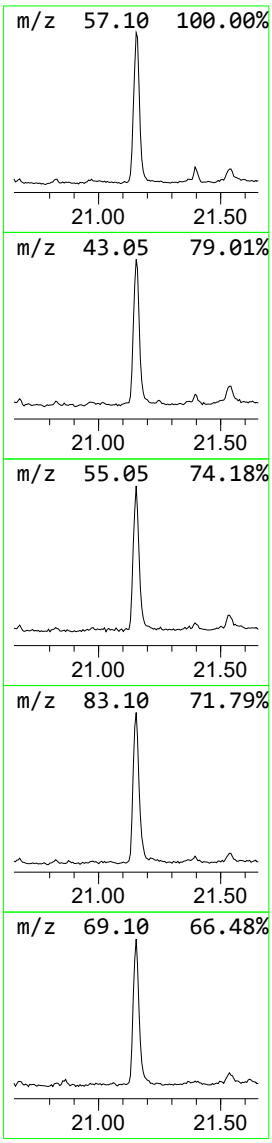
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.154	8.25 ng	2117300	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	90
3	Cyclohexadecane	224	C16H32	000295-65-8	90
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76





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Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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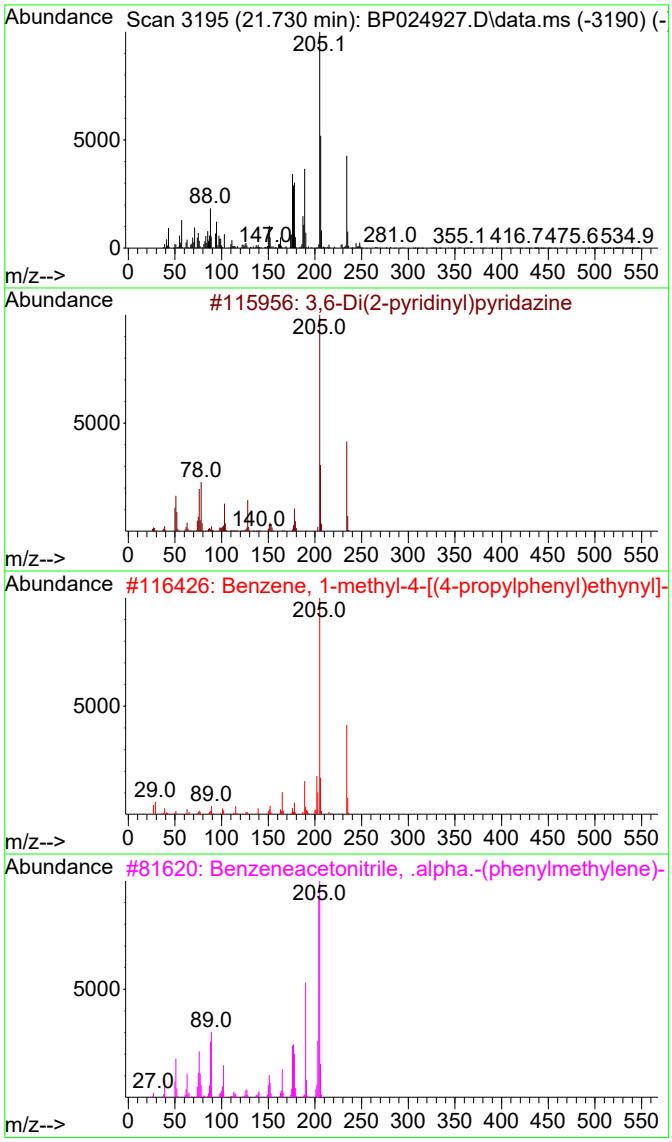
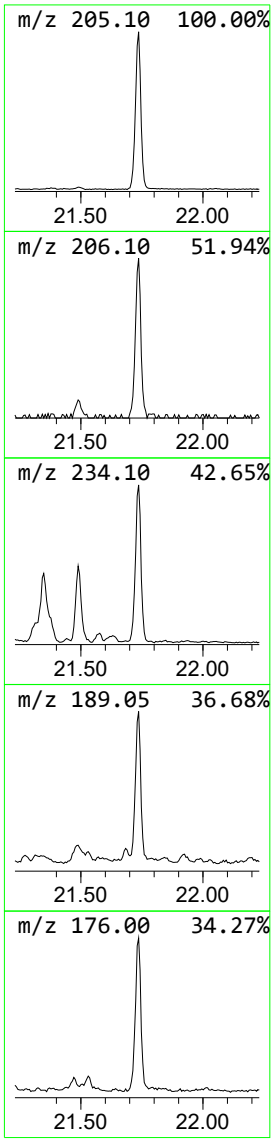
Peak Number 11 unknown21.730 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.730	5.31 ng	1361990	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Di(2-pyridinyl)pyridazine	234	C14H10N4	1000332-52-1	47
2	Benzene, 1-methyl-4-[(4-propylph...	234	C18H18	184161-94-2	46
3	Benzeneacetonitrile, .alpha.-(ph...	205	C15H11N	002510-95-4	46
4	1-(Bromoacetyl)phenanthrene	298	C16H11BrO	026698-40-8	43
5	9,10-Anthracenedicarboxaldehyde	234	C16H10O2	007044-91-9	42





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Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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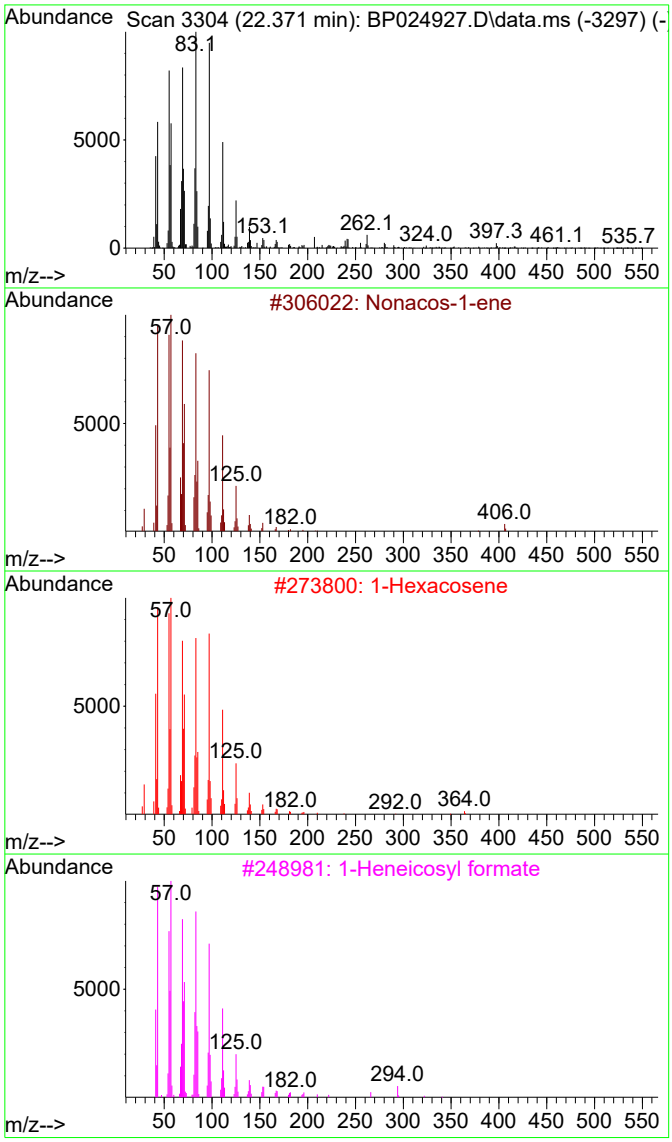
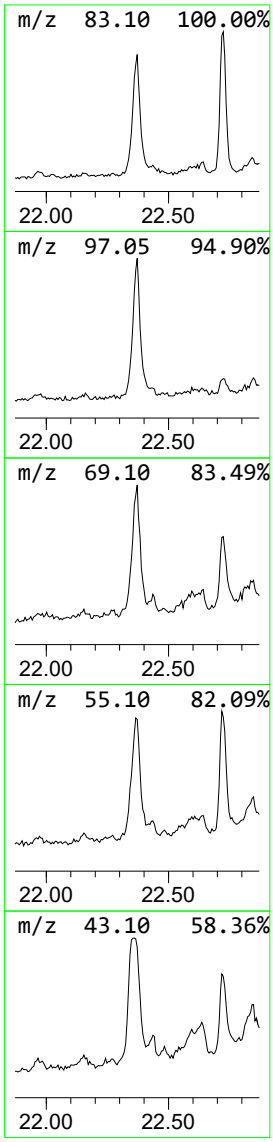
Peak Number 12 Nonacos-1-ene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.371	4.99 ng	1281440	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	91
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	64





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Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

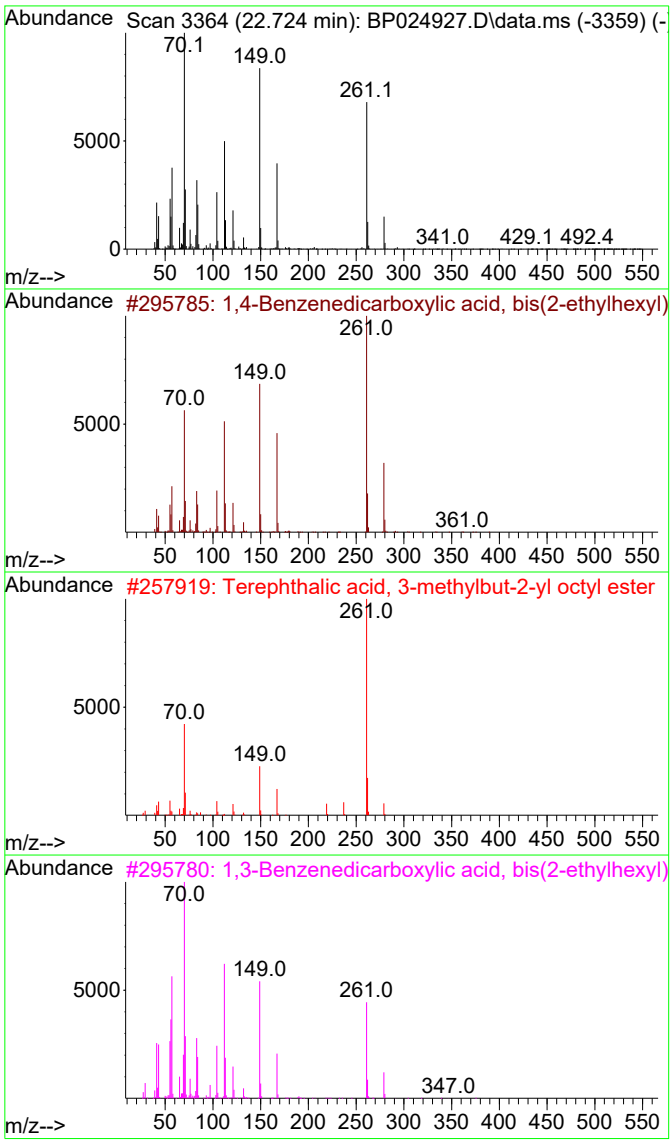
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

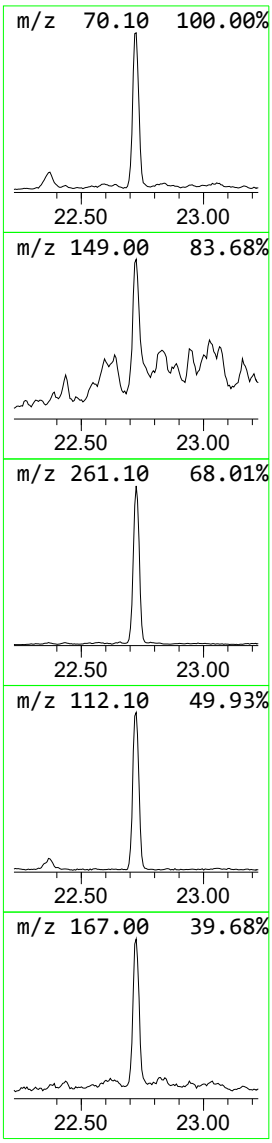
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,4-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.724	8.99 ng	2307680	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	72
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
4	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	50
5	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	43





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Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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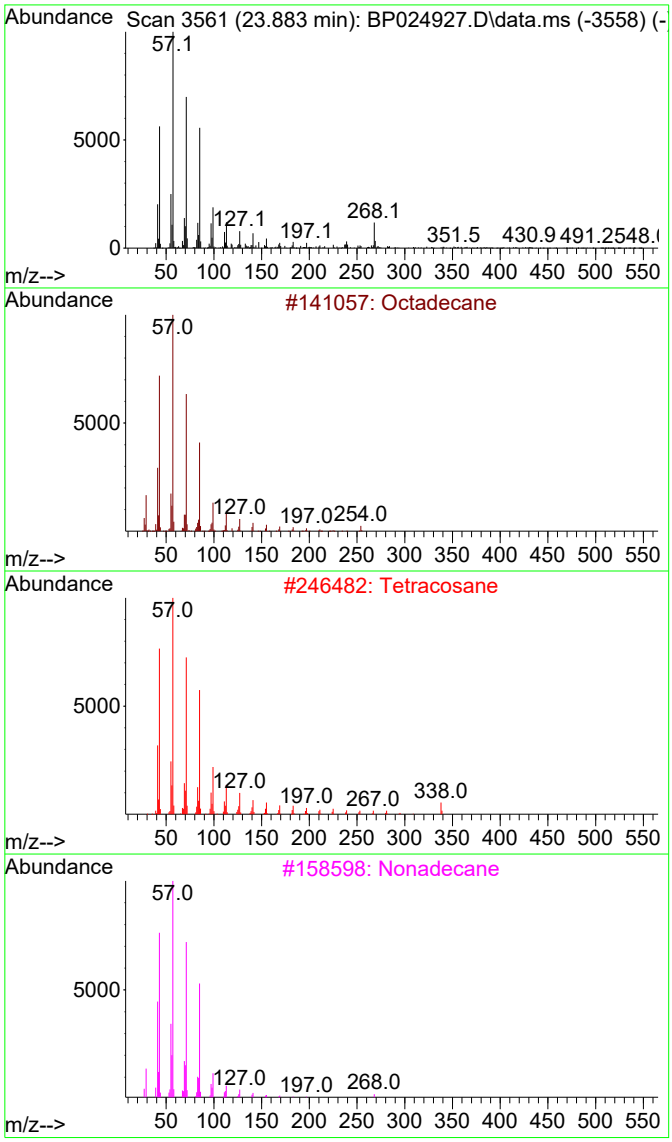
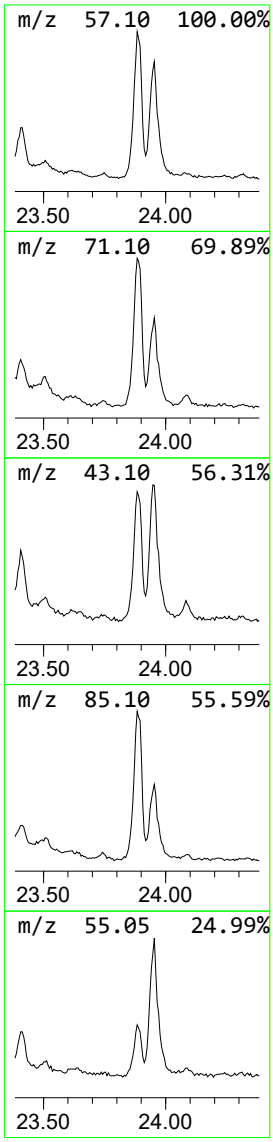
Peak Number 14 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.883	3.64 ng	680241	Perylene-d12	24.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Pentacosane	352	C25H52	000629-99-2	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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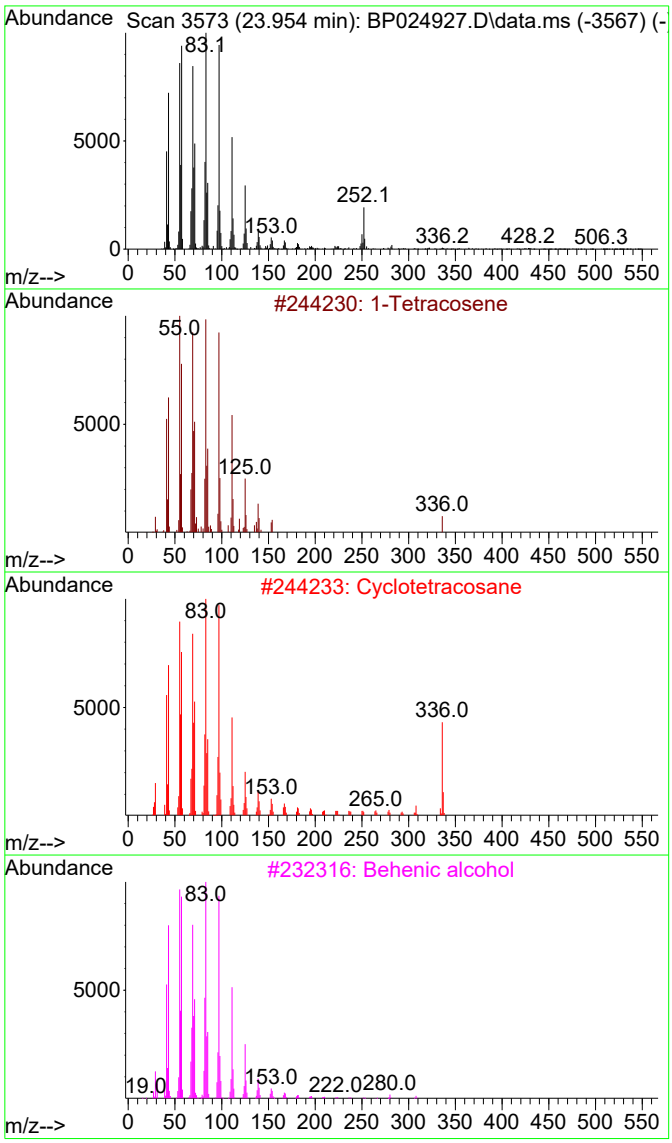
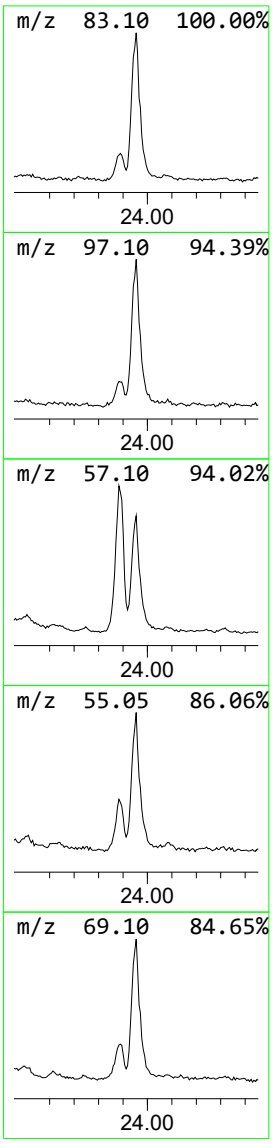
Peak Number 15 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.954	11.40 ng	2129880	Perylene-d12	24.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	Cyclotetracosane	336	C24H48	000297-03-0	98
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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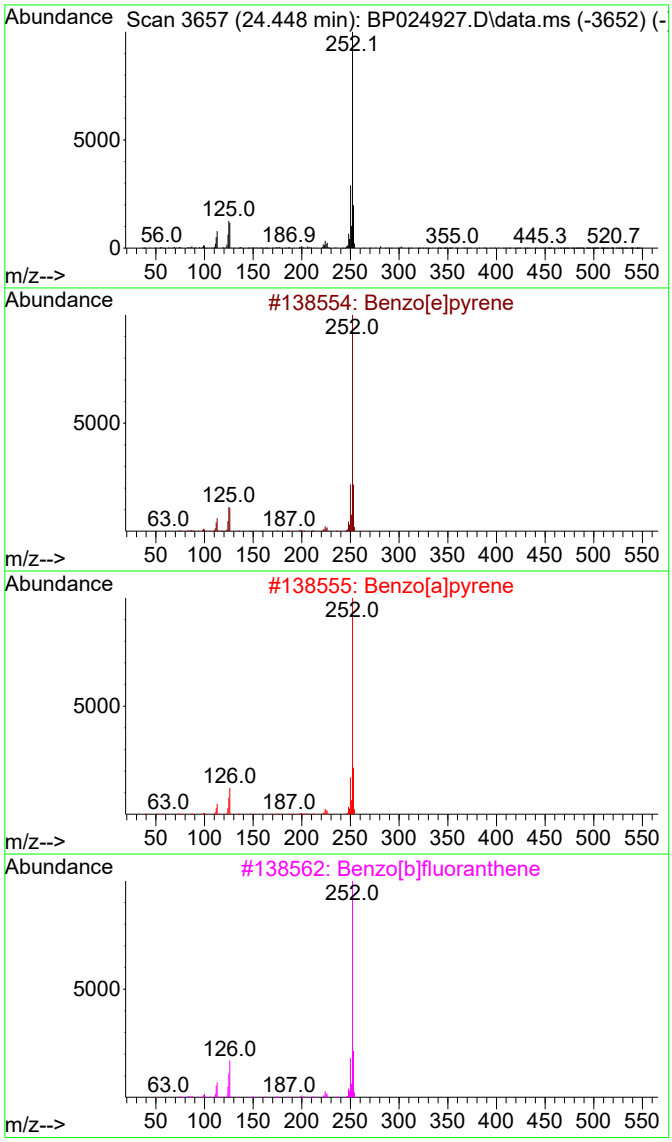
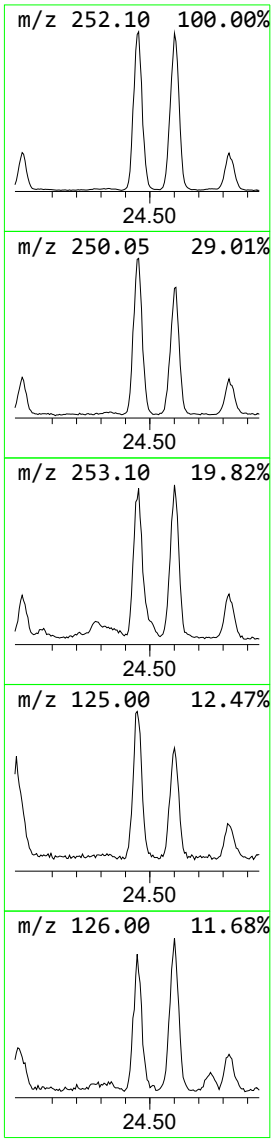
Peak Number 16 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.448	7.06 ng	1319430	Perylene-d12	24.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





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Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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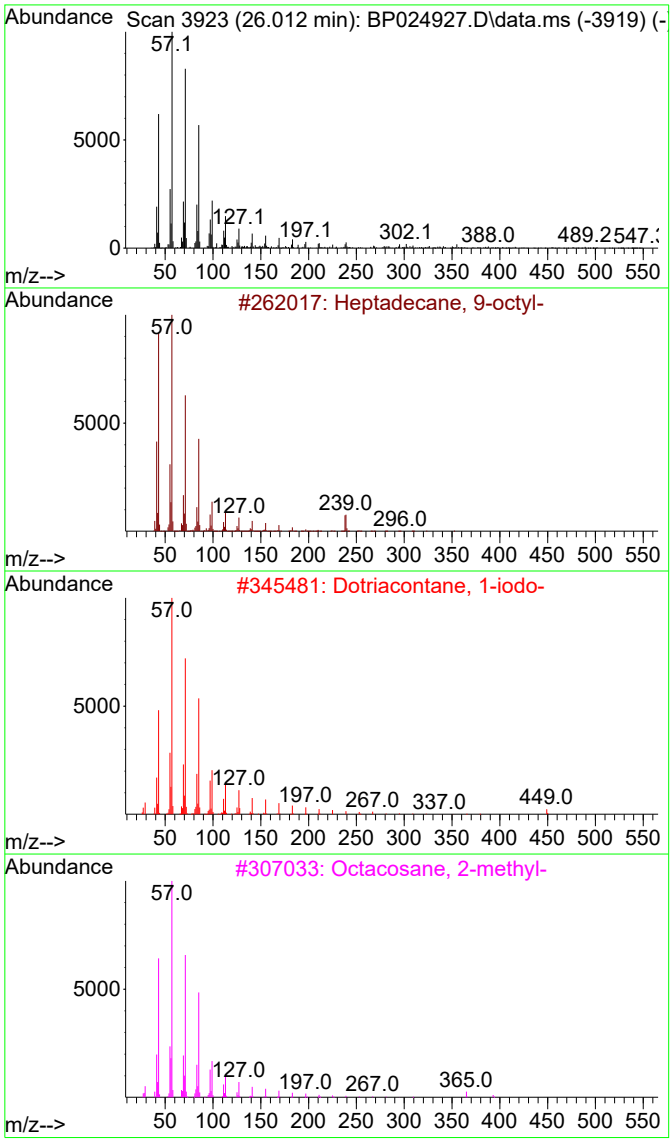
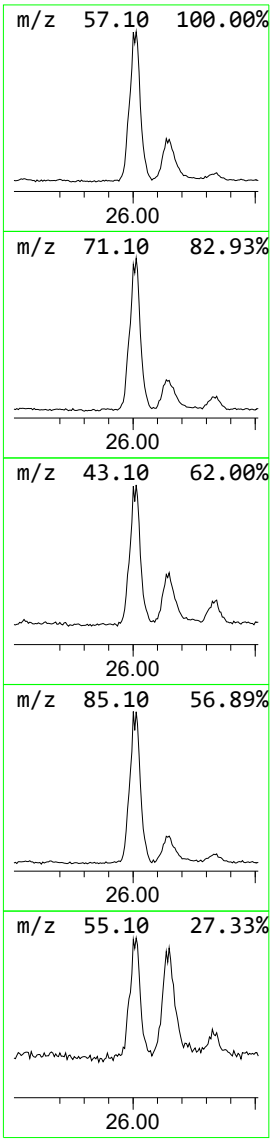
Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.012	7.50 ng	1400770	Perylene-d12	24.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Tritriacontane, 2-methyl-	479	C34H70	066214-27-5	91
5	Octadecane	254	C18H38	000593-45-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024927.D
Acq On : 12 Jun 2025 13:08
Operator : RC/JU
Sample : Q2280-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.772	9.2	ng	682667	1	7.607	1482030	20.0
Benzophenone	15.642	6.8	ng	943408	3	14.254	2776110	20.0
5H-Indeno[1,2-b...	17.489	2.9	ng	471439	4	17.060	3265400	20.0
Anthracene, 2-m...	17.966	2.2	ng	359398	4	17.060	3265400	20.0
n-Hexadecanoic ...	18.001	23.3	ng	3795900	4	17.060	3265400	20.0
4H-Cyclopenta[d...	18.160	2.1	ng	348972	4	17.060	3265400	20.0
9,10-Anthracene...	18.536	2.1	ng	342222	4	17.060	3265400	20.0
Octadecanoic acid	19.330	9.0	ng	2307280	5	21.489	5134560	20.0
11H-Benzo[b]flu...	20.083	2.3	ng	595437	5	21.489	5134560	20.0
Pentadecafluoro...	21.154	8.3	ng	2117300	5	21.489	5134560	20.0
unknown21.730	21.730	5.3	ng	1361990	5	21.489	5134560	20.0
Nonacos-1-ene	22.371	5.0	ng	1281440	5	21.489	5134560	20.0
1,4-Benzenedica...	22.724	9.0	ng	2307680	5	21.489	5134560	20.0
Octadecane	23.883	3.6	ng	680241	6	24.748	3736100	20.0
1-Tetracosene	23.954	11.4	ng	2129880	6	24.748	3736100	20.0
Benzo[e]pyrene	24.448	7.1	ng	1319430	6	24.748	3736100	20.0
Heptadecane, 9-...	26.012	7.5	ng	1400770	6	24.748	3736100	20.0