LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143326.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	11	17	34	rVB	503755	855294	52.63%	3.987%
2	4.104	314	325	330	rBV	8942	17472	1.08%	0.081%
3	4.669	412	421	428	rBV5	8466	22820	1.40%	0.106%
4	5.140	493	501	502	rBV3	9947	17044	1.05%	0.079%
5	5.193	505	510	518	rVB	106980	181101	11.14%	0.844%
6	5.404	542	546	551	rBV2	15041	22865	1.41%	0.107%
7	5.598	567	579	586	rBV	1017185	1367190	84.12%	6.374%
8	5.757	602	606	610	rBV3	14172	22299	1.37%	0.104%
9	6.004	642	648	652	rVB4	18886	32081	1.97%	0.150%
10	6.140	663	671	675	rVB3	20765	32694	2.01%	0.152%
11	6.228	680	686	692	rBV3	26734	55928	3.44%	0.261%
12	6.410	712	717	721	rBV4	13563	21593	1.33%	0.101%
13	6.510	729	734	739	rBV3	25149	43307	2.66%	0.202%
14	6.587	739	747	755	rBV	932713	1302494	80.14%	6.072%
15	6.798	779	783	787	rBV4	13502	22527	1.39%	0.105%
16	6.922	798	804	806	rBV3	10275	17338	1.07%	0.081%
17	6.963	806	811	818	rVB	285248	368938	22.70%	1.720%
18	7.210	848	853	856	rBV3	18606	30925	1.90%	0.144%
19	7.281	861	865	872	rBV4	11330	22328	1.37%	0.104%
20	7.363	875	879	882	rBV	21956	28069	1.73%	0.131%
21	7.516	897	905	916	rBV	746463	1030555	63.41%	4.804%
22	7.604	916	920	924	rVB4	24681	35691	2.20%	0.166%
23	7.769	945	948	956	rVB5	19474	29668	1.83%	0.138%
24	7.845	957	961	965	rBV4	9322	19899	1.22%	0.093%
25	7.886	965	968	972	rVB3	21510	25626	1.58%	0.119%
26	7.981	977	984	994	rVB2	16227	38625	2.38%	0.180%
27	8.239	1022	1028	1035	rBV	340024	465663	28.65%	2.171%
28	9.192	1187	1190	1199	rBV7	8992	20689	1.27%	0.096%
29	9.310	1205	1210	1220	rVB	1068711	1384741	85.20%	6.455%
30	9.398	1221	1225	1231	rBV4	12143	22592	1.39%	0.105%
31	9.457	1231	1235	1240	rVB4	8524	16301	1.00%	0.076%
32	9.580	1252	1256	1260	rBV	12550	21480	1.32%	0.100%
33	9.651	1265	1268	1272	rVV	15917	23615	1.45%	0.110%
34	9.704	1274	1277	1285	rVB2	24377	40778	2.51%	0.190%
35	9.775	1285	1289	1291	rBV3	11037	16309	1.00%	0.076%
36	9.857	1299	1303	1308	rBV	23132	31812	1.96%	0.148%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.922	1310	1314	1320	rVB2	17184	27099	1.67%	0.126%
38	9.998	1321	1327	1330	rVV	356231	458681	28.22%	2.138%
39	10.028	1330	1332	1340	rVB	57400	70526	4.34%	0.329%
40	10.198	1357	1361	1365	rVB2	30076	41658	2.56%	0.194%
41	10.404	1393	1396	1404	rVB2	32302	59574	3.67%	0.278%
42	10.545	1416	1420	1426	rBV	50639	69103	4.25%	0.322%
43	10.704	1443	1447	1452	rBV	139868	172022	10.58%	0.802%
44	10.786	1456	1461	1474	rBV	743940	976218	60.07%	4.551%
45	10.910	1477	1482	1488	rBV4	35572	66413	4.09%	0.310%
46	11.022	1497	1501	1506	rBV3	45494	65315	4.02%	0.304%
47	11.127	1516	1519	1525	rVB5	34927	63019	3.88%	0.294%
48	11.380	1559	1562	1567	rVB	29085	37826	2.33%	0.176%
49	11.486	1575	1580	1582	rBV	416636	581101	35.76%	2.709%
50	11.510	1582	1584	1589	rVV	324742	357107	21.97%	1.665%
51	11.557	1589	1592	1596	rVB	65855	81733	5.03%	0.381%
52	11.710	1614	1618	1622	rBV2	61465	86464	5.32%	0.403%
53	12.010	1661	1669	1680	rBV3	579460	1078612	66.37%	5.028%
54	12.104	1681	1685	1690	rVV2	73551	138113	8.50%	0.644%
55	12.704	1782	1787	1791	rBV	737324	950338	58.47%	4.430%
56	12.739	1791	1793	1798	rVV	173936	224272	13.80%	1.046%
57	12.792	1798	1802	1810	rVB	479818	695458	42.79%	3.242%
58	12.933	1820	1826	1832	rVB	530242	815569	50.18%	3.802%
59	13.069	1844	1849	1857	rVB	1216434	1625226	100.00%	7.576%
60	13.210	1870	1873	1877	rBV	204736	252334	15.53%	1.176%
61	13.345	1890	1896	1907	rVB5	175469	456365	28.08%	2.127%
62	13.657	1944	1949	1959	rVB	413749	725380	44.63%	3.382%
63	13.963	1998	2001	2011	rVB3	240526	406501	25.01%	1.895%
64	14.104	2021	2025	2027	rBV	653091	979326	60.26%	4.565%
65	15.192	2206	2210	2219	rVB	312830	682434	41.99%	3.181%
66	15.510	2261	2264	2270	rVB	187068	285602	17.57%	1.331%
67	15.574	2271	2275	2281	rVV	264942	420217	25.86%	1.959%
68	15.645	2282	2287	2297	rVB2	378121	792940	48.79%	3.697%

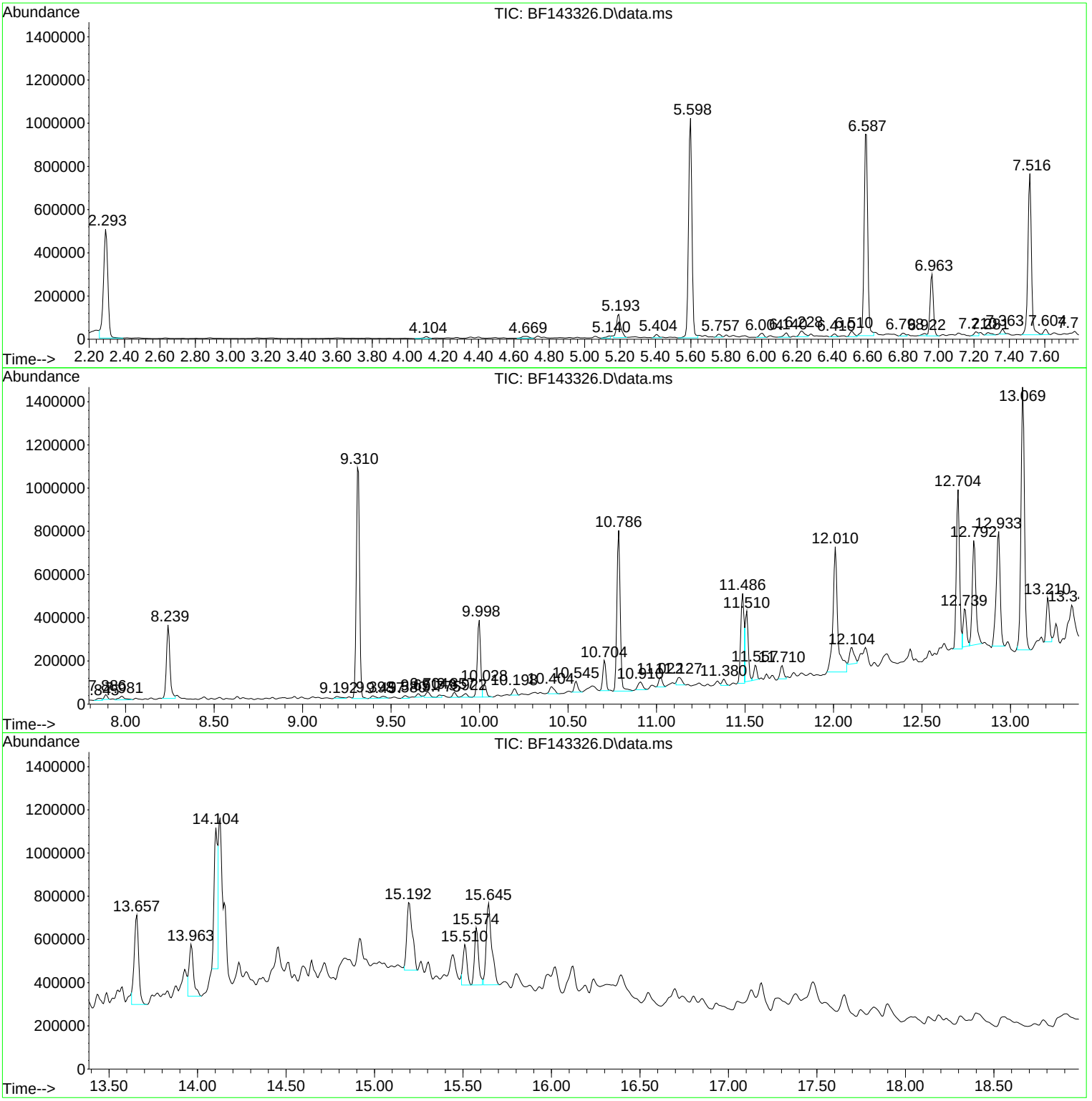
Sum of corrected areas: 21450897

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

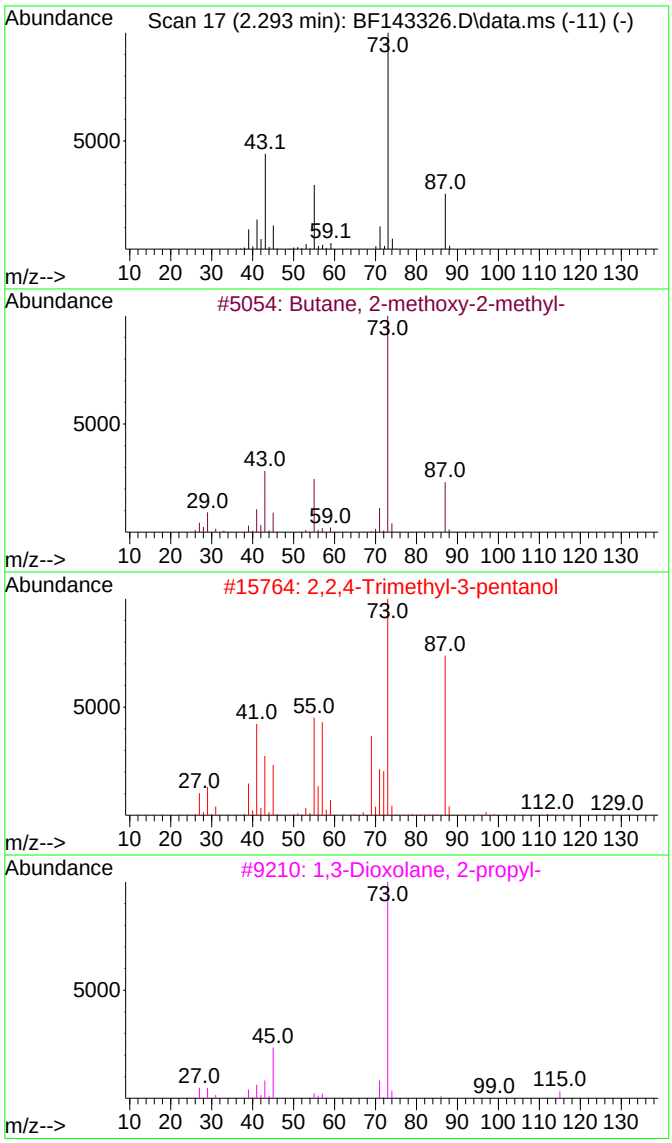
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

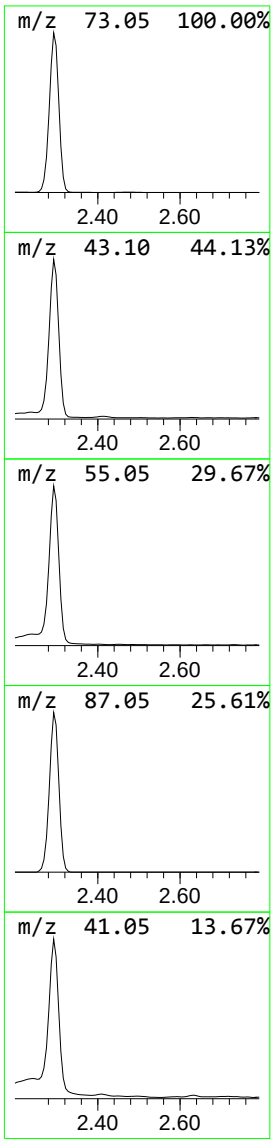
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.293	46.37 ng	855294	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

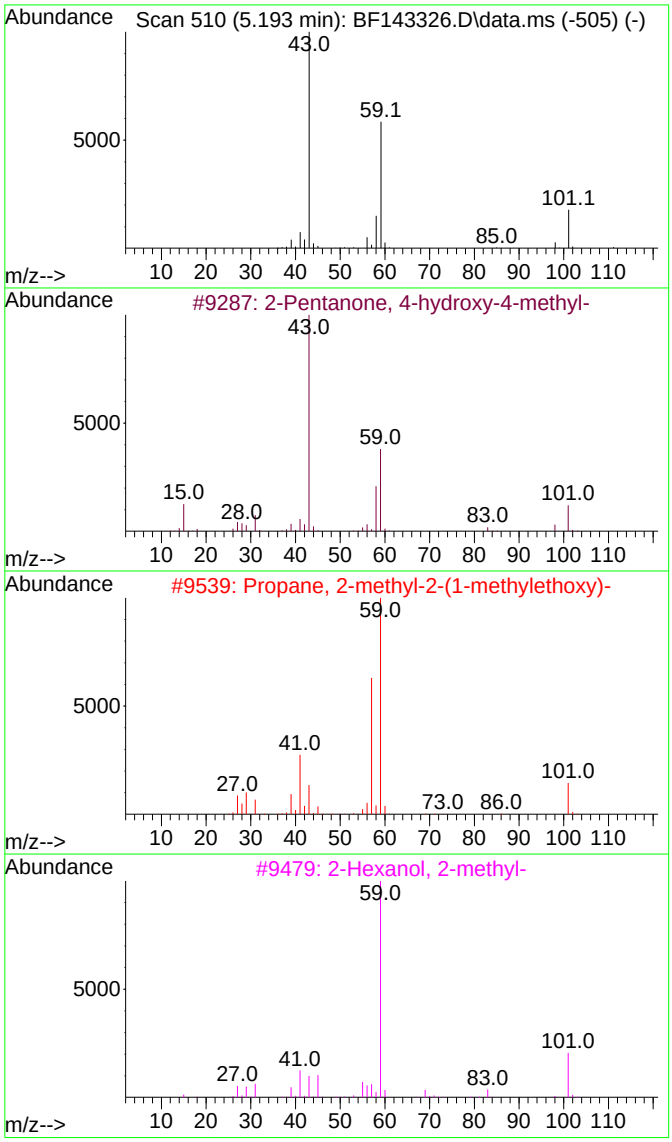
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

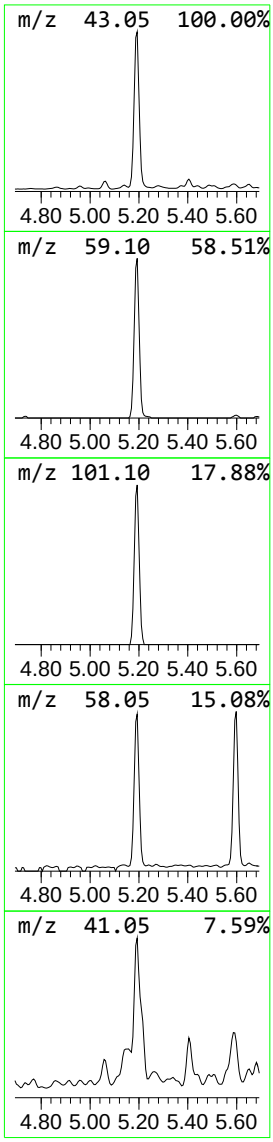
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.193	9.82 ng	181101	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1,2-Butanediol	90	C4H10O2	000584-03-2	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

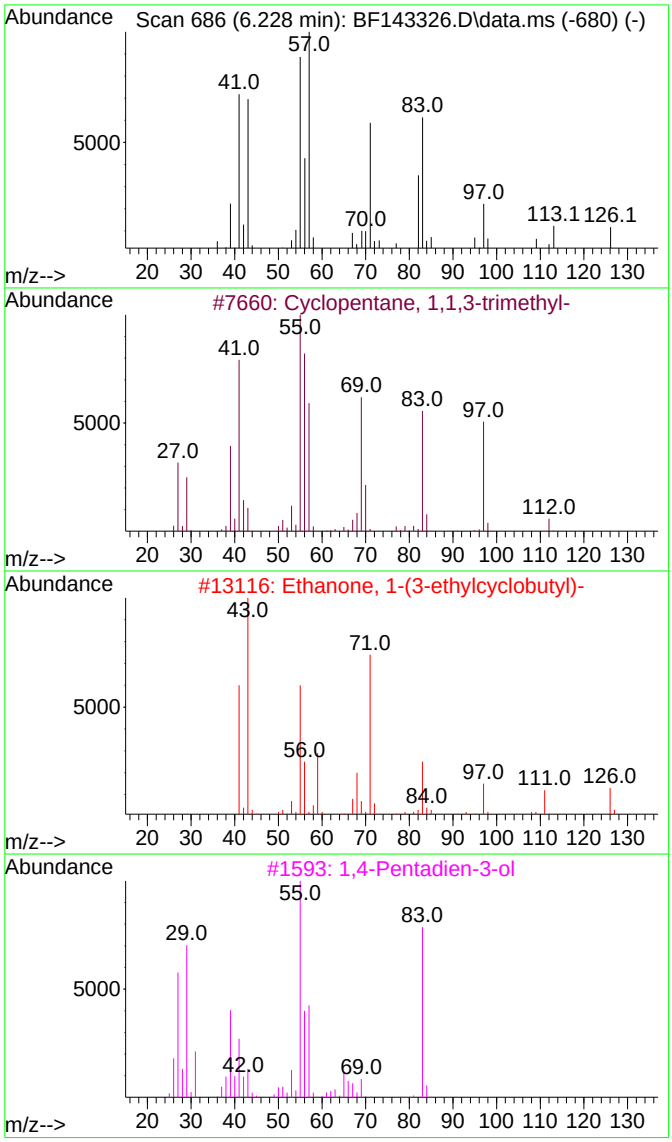
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

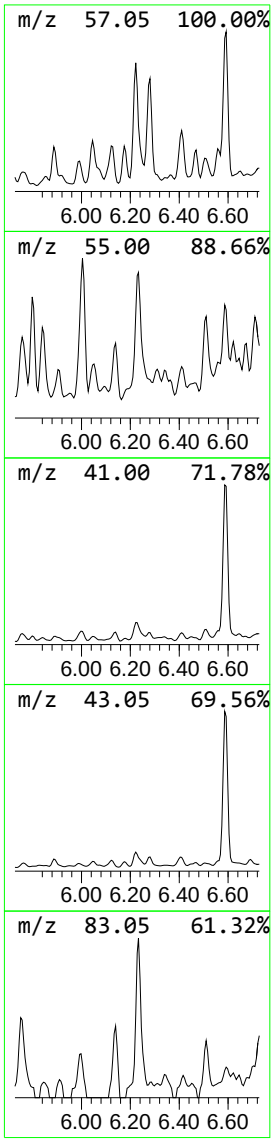
****

Peak Number 3 unknown6.228 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.228	3.03 ng	55928	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
2	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	35
3	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	35
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

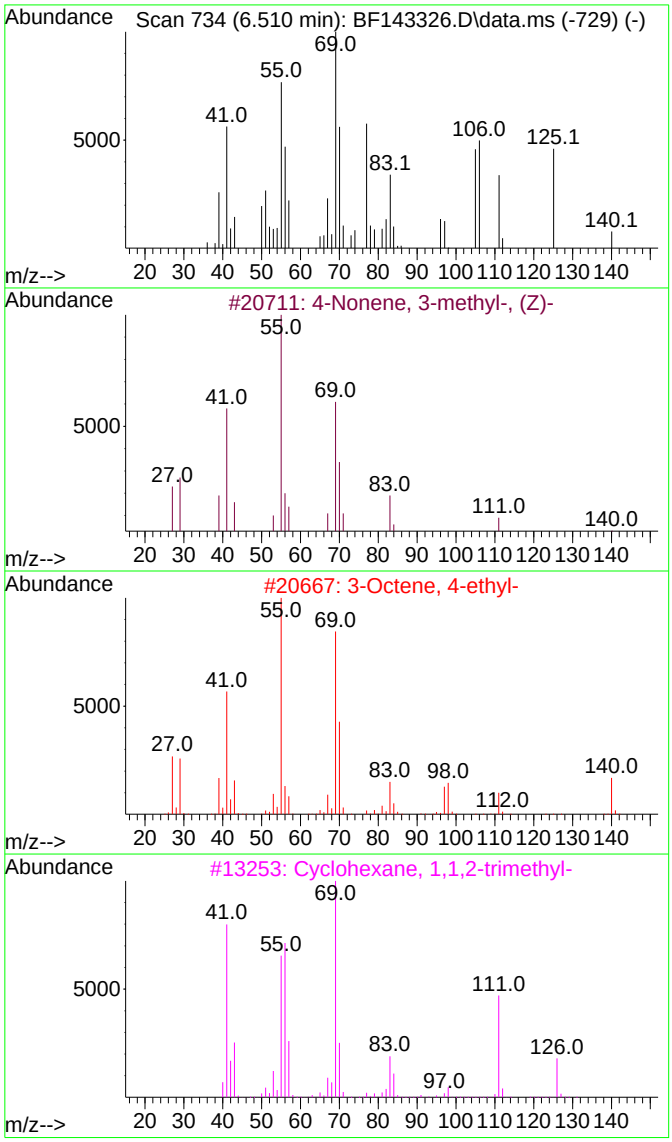
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

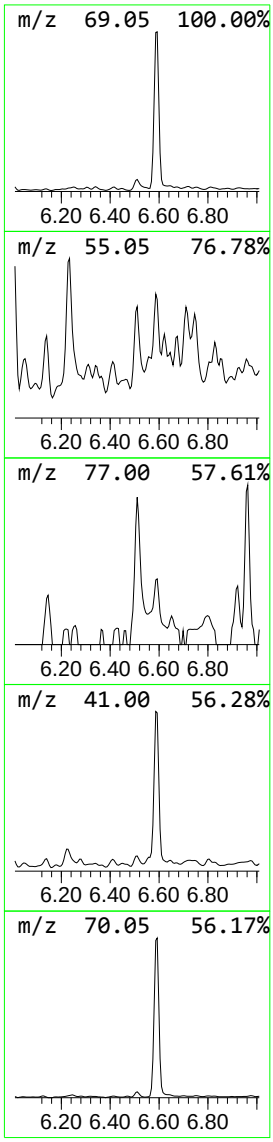
****

Peak Number 4 unknown6.510 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	2.35 ng	43307	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	46
2	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	35
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

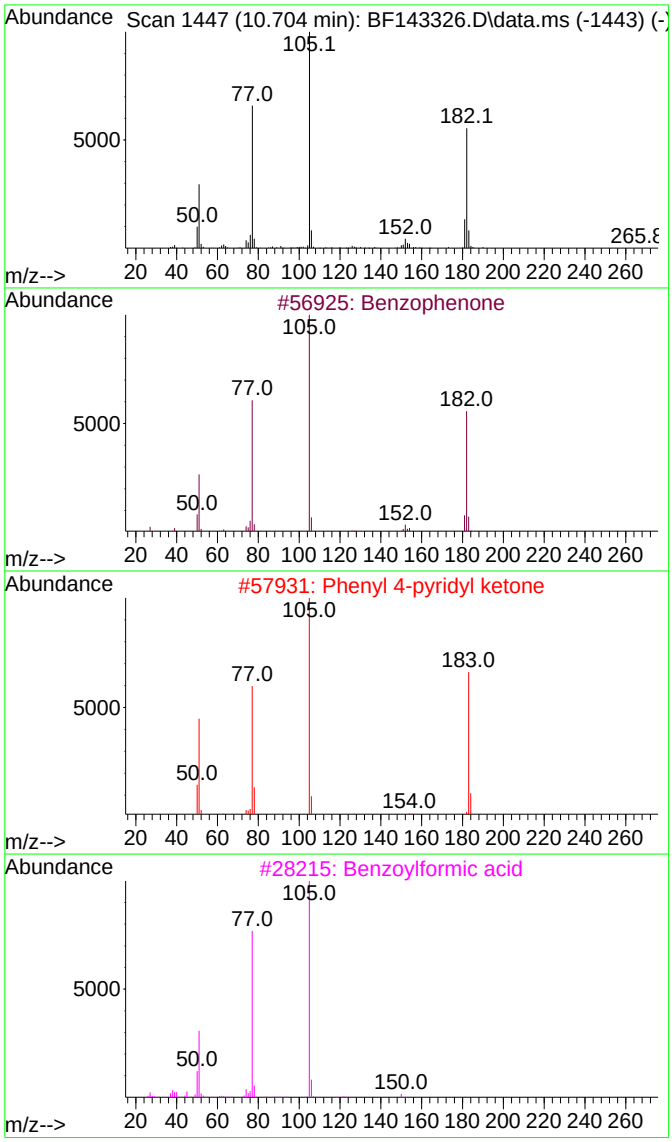
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

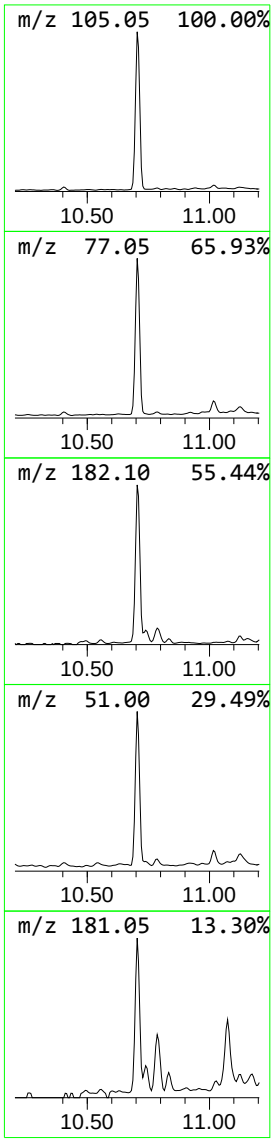
****

Peak Number 6 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	7.50 ng	172022	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

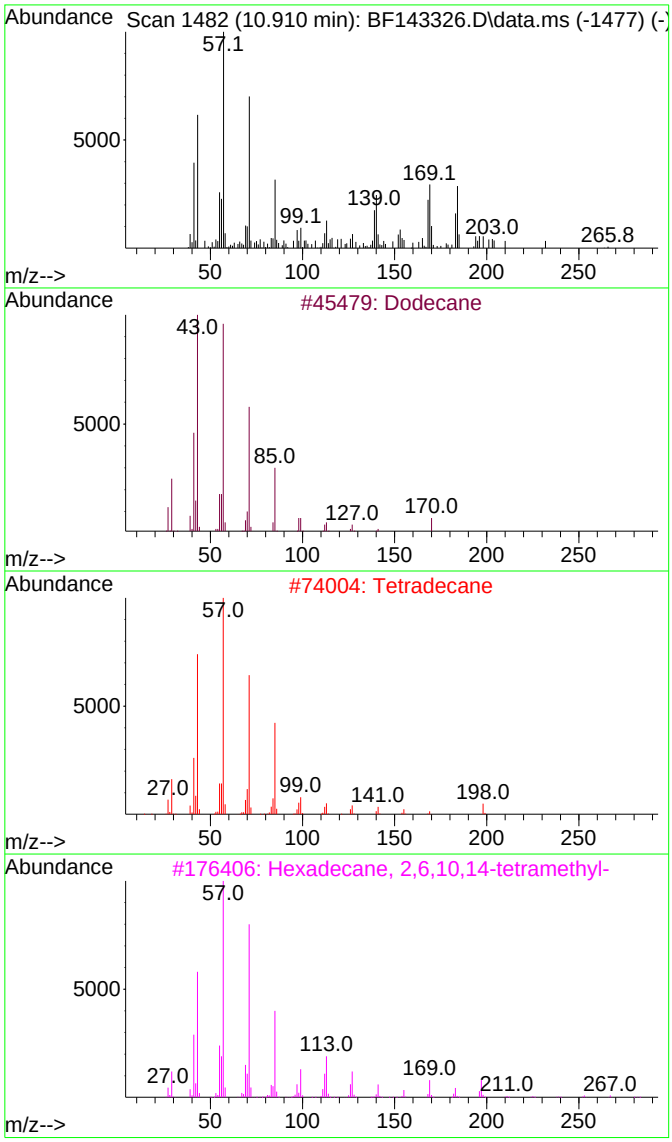
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

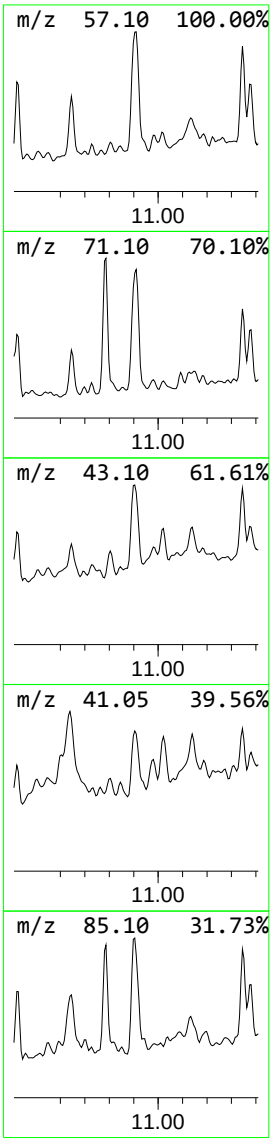
****

Peak Number 7 unknown10.910 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	2.29 ng	66413	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	42
2	Tetradecane	198	C14H30	000629-59-4	30
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27
4	Heptacosane	380	C27H56	000593-49-7	25
5	Tetracosane	338	C24H50	000646-31-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

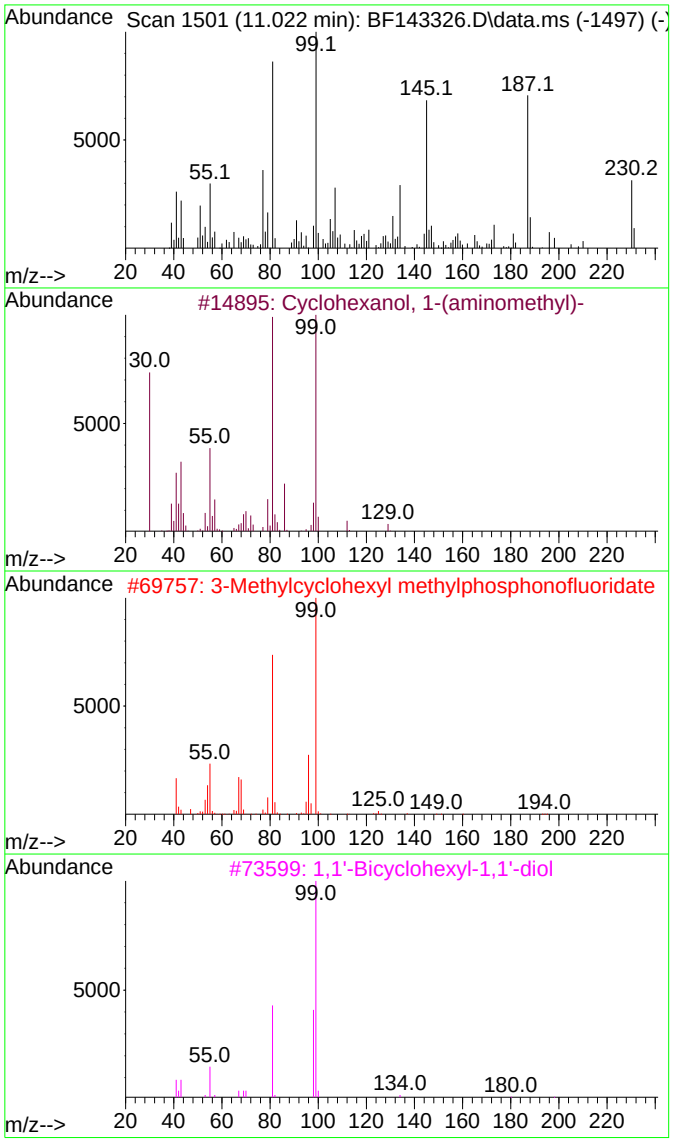
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

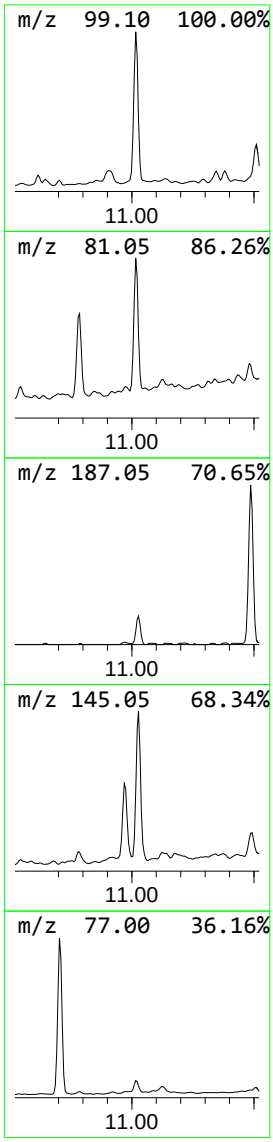
****

Peak Number 8 unknown11.022 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	2.25 ng	65315	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	38
2	3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	38
3	1,1'-Bicyclohexyl-1,1'-diol	198	C12H22O2	002888-11-1	38
4	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	38
5	2,2'-Bioxepane	198	C12H22O2	074793-02-5	32





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Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

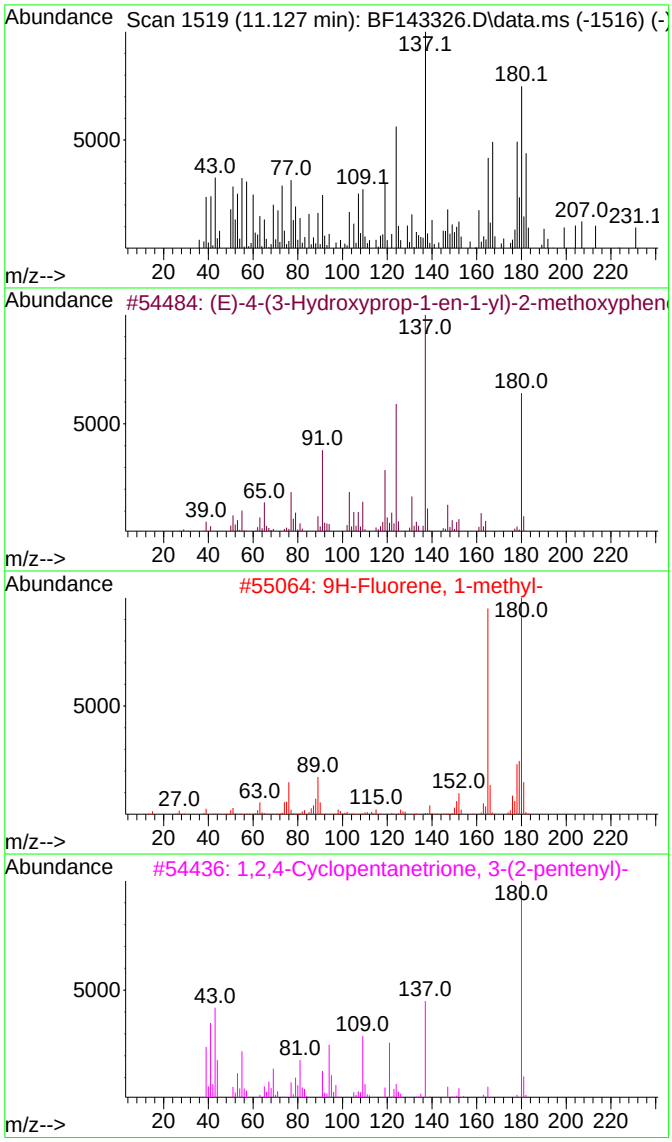
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

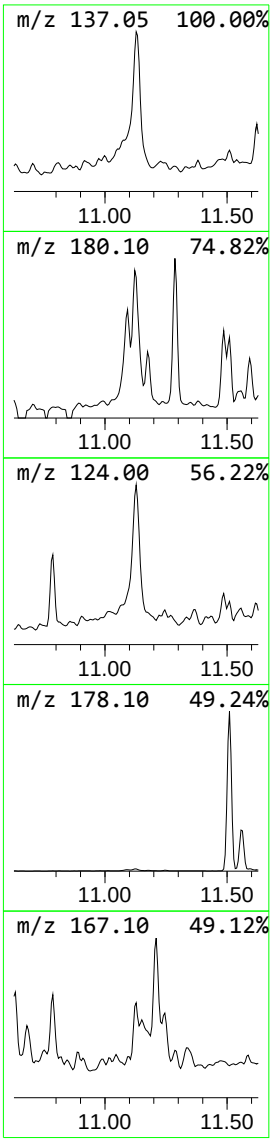
****

Peak Number 9 unknown11.128 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	2.17 ng	63019	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	46
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	41
3	1,2,4-Cyclopentanetrione, 3-(2-p...	180	C10H12O3	054644-27-8	38
4	Ethyl 3,5-dihydroxybenzoate	182	C9H10O4	004142-98-7	30
5	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	30





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Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

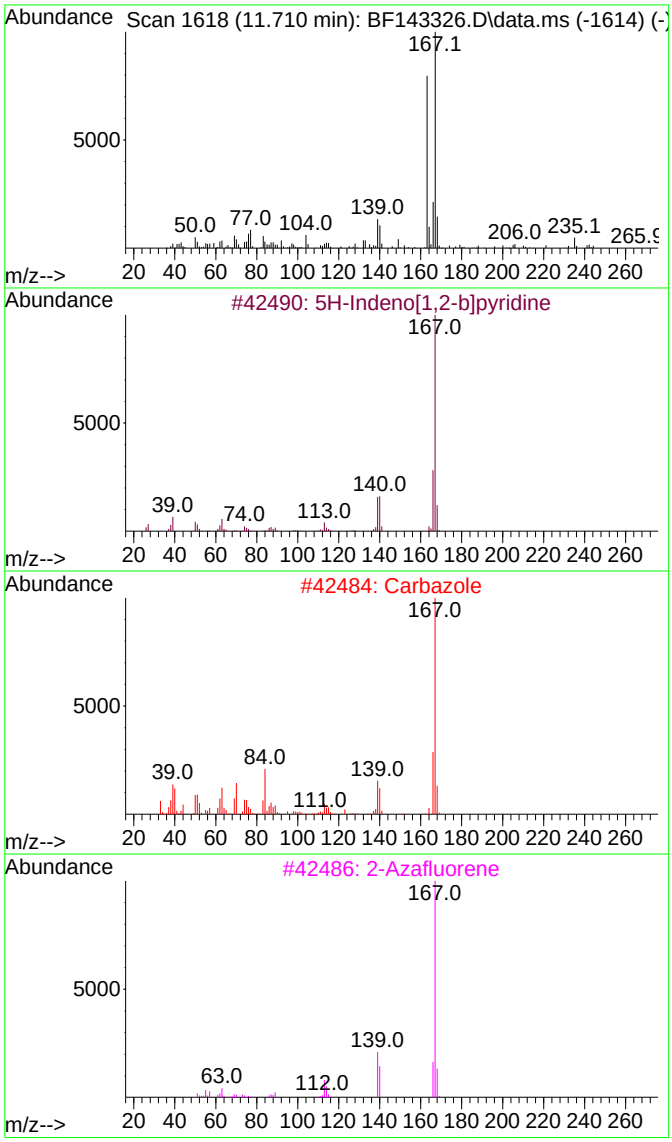
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

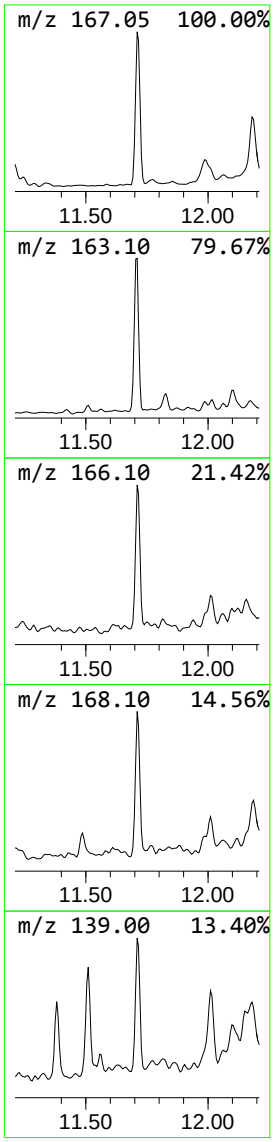
****

Peak Number 10 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	2.98 ng	86464	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	55
2	Carbazole	167	C12H9N	000086-74-8	55
3	2-Azafluorene	167	C12H9N	000244-40-6	46
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	46
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	43





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Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

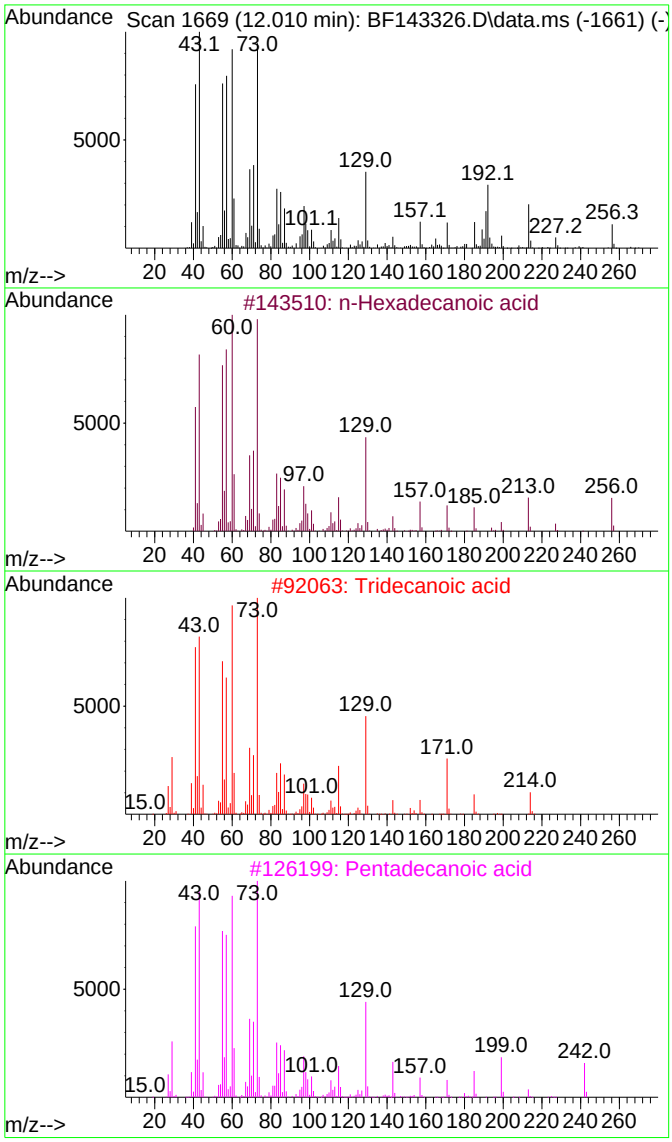
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

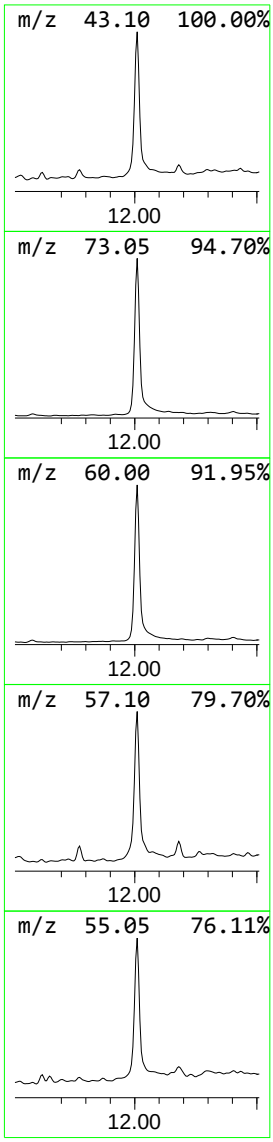
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	37.12 ng	1078610	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

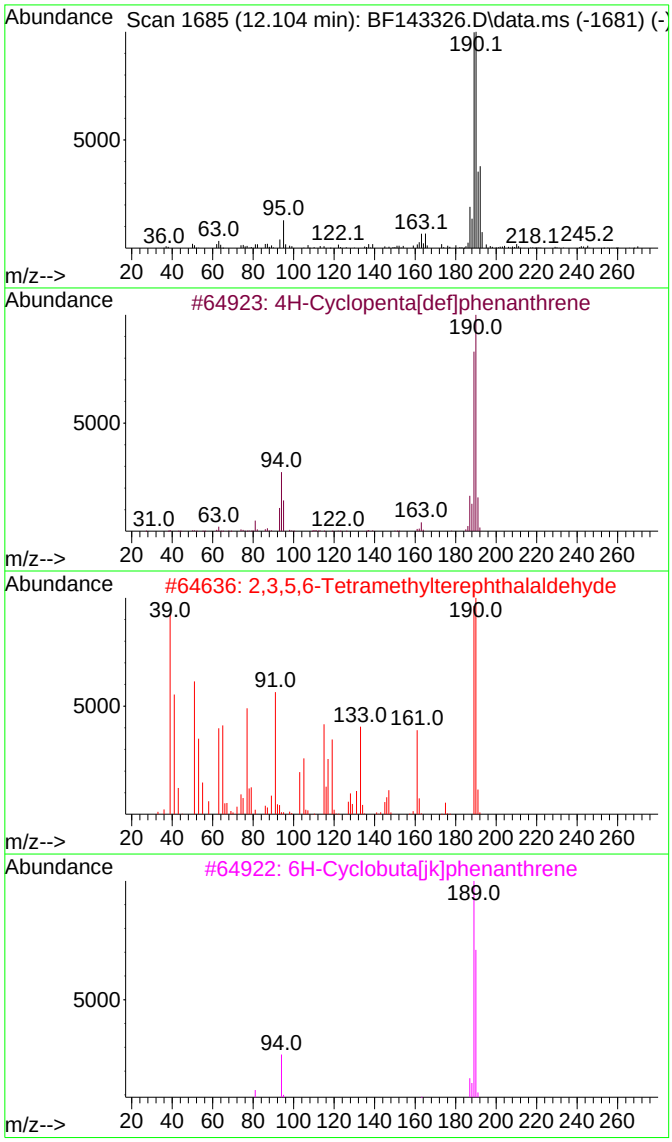
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

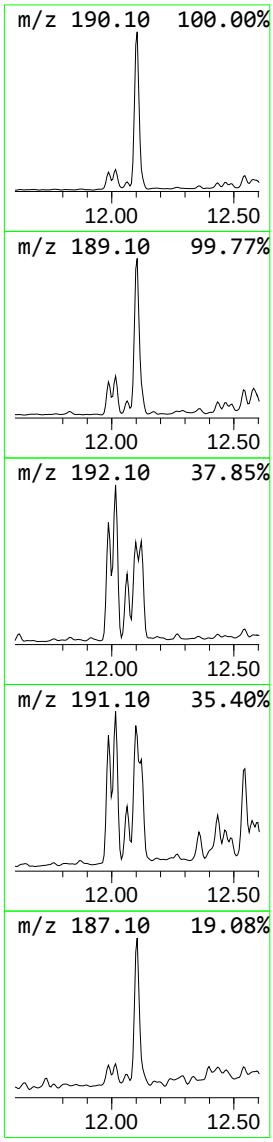
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.75 ng	138113	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	33





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Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

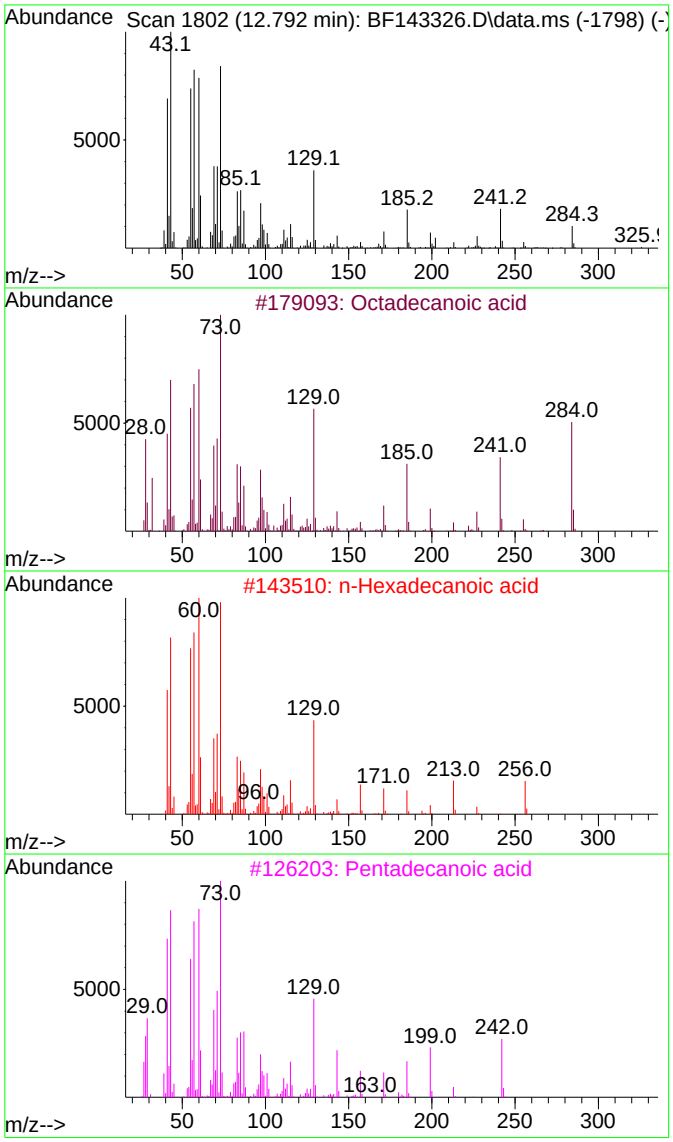
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

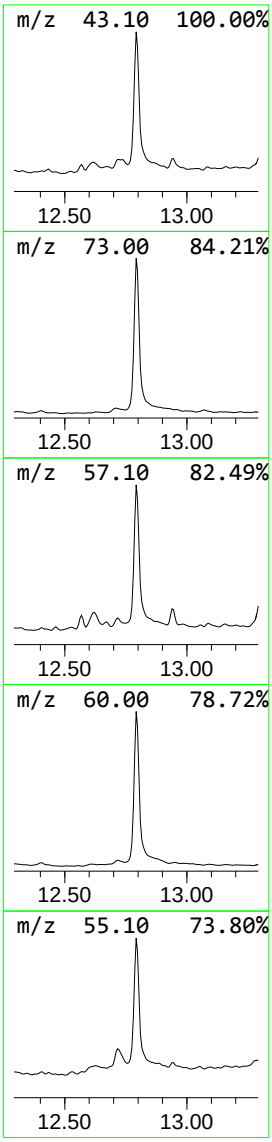
****

Peak Number 13 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	23.94 ng	695458	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

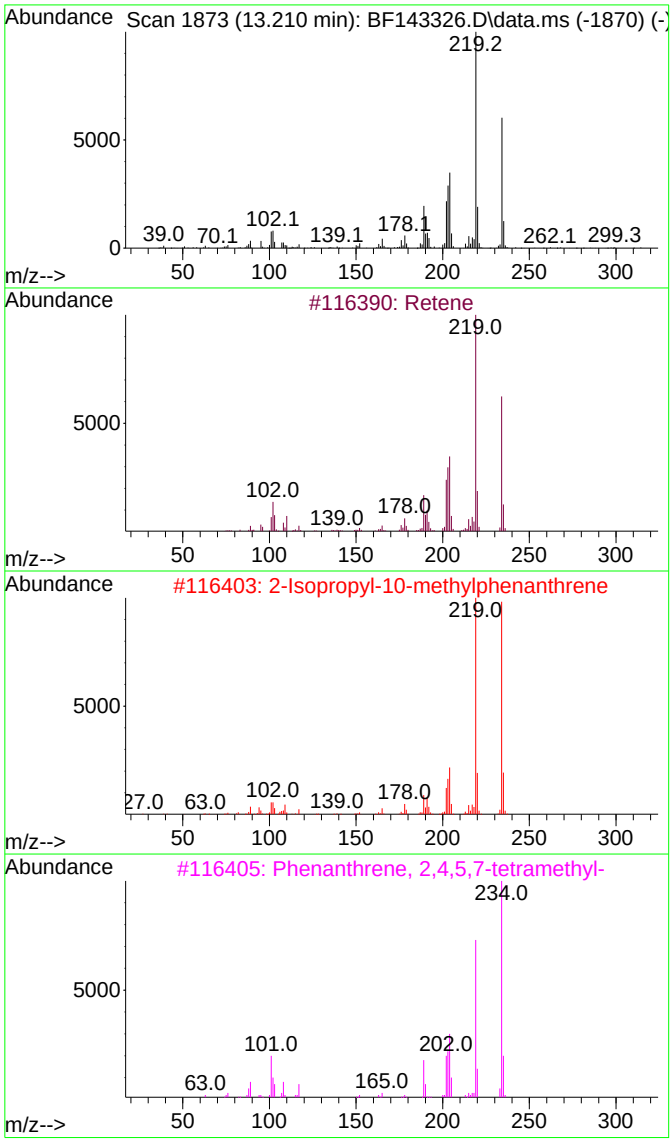
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

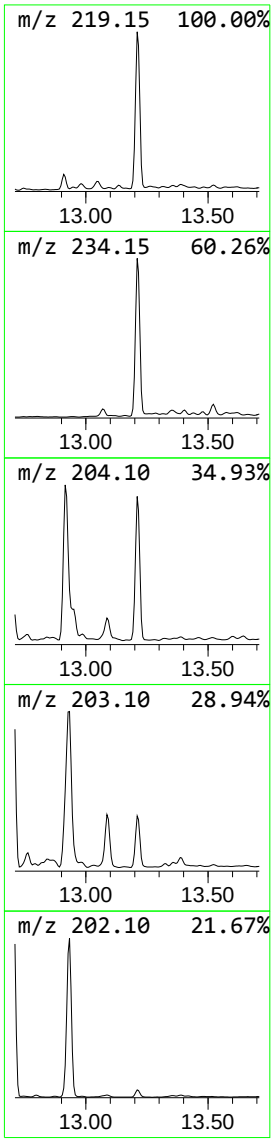
****

Peak Number 14 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	5.15 ng	252334	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	52





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Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

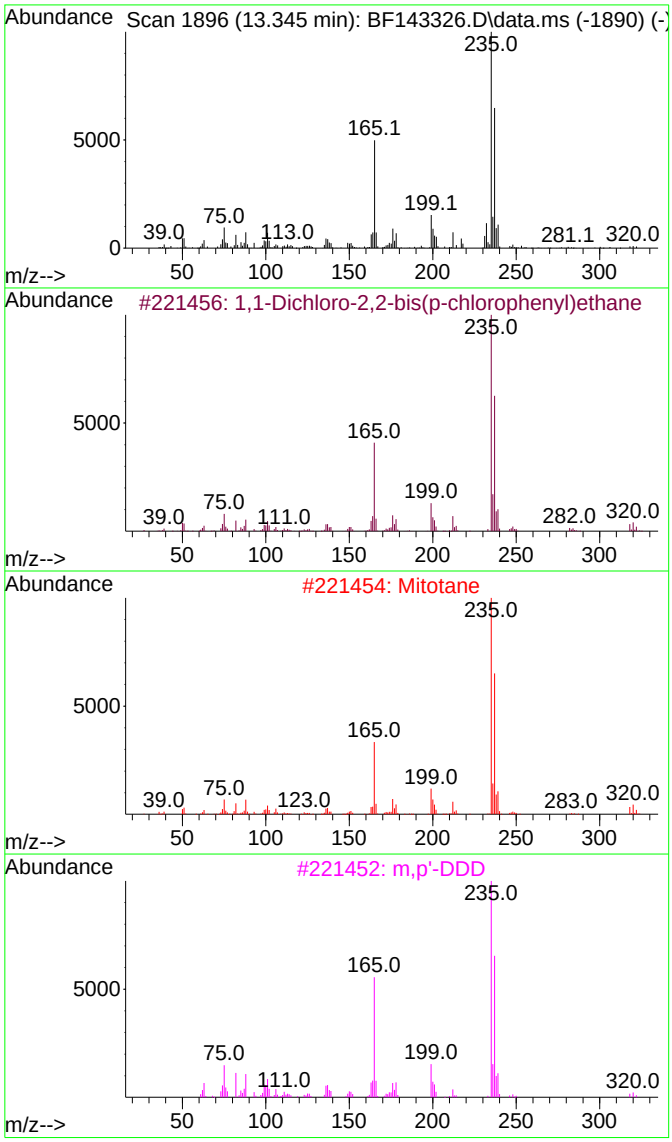
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

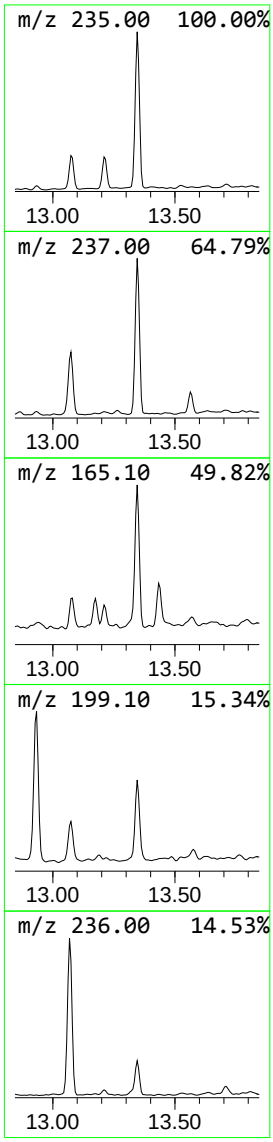
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	9.32 ng	456365	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93
2	Mitotane	318	C14H10Cl4	000053-19-0	91
3	m,p'-DDD	318	C14H10Cl4	004329-12-8	91
4	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	80
5	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	80





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

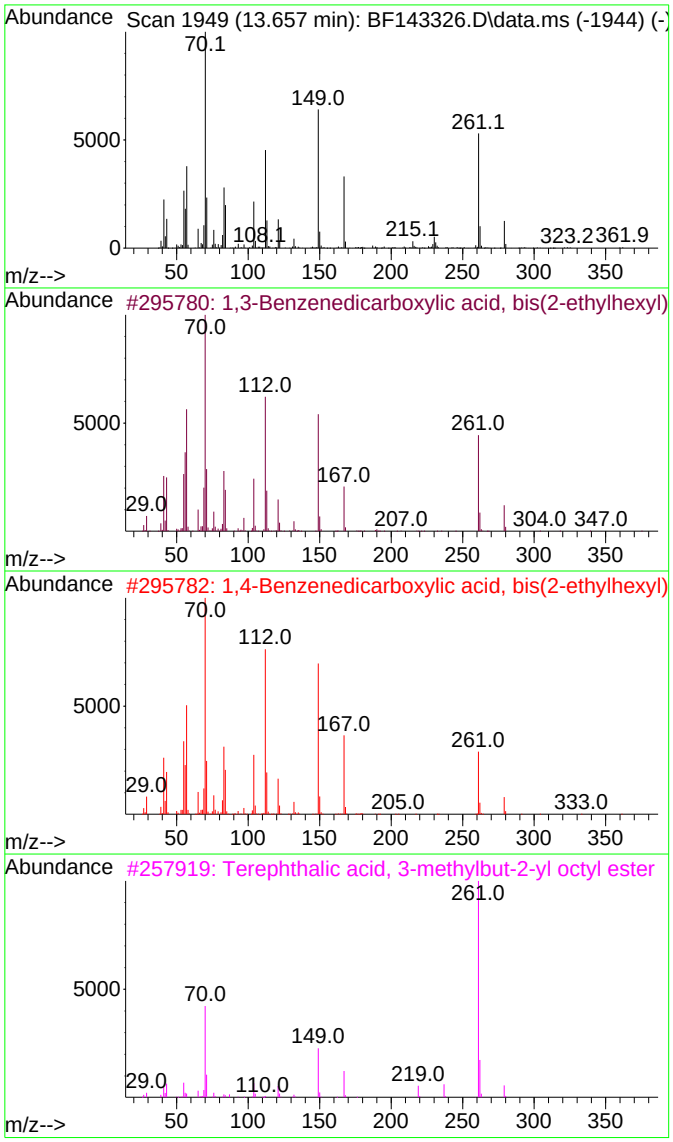
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

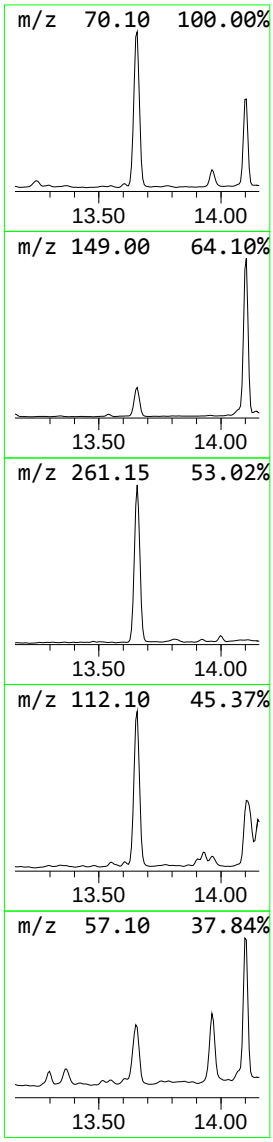
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,3-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	14.81 ng	725380	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43
5	Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	30





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Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

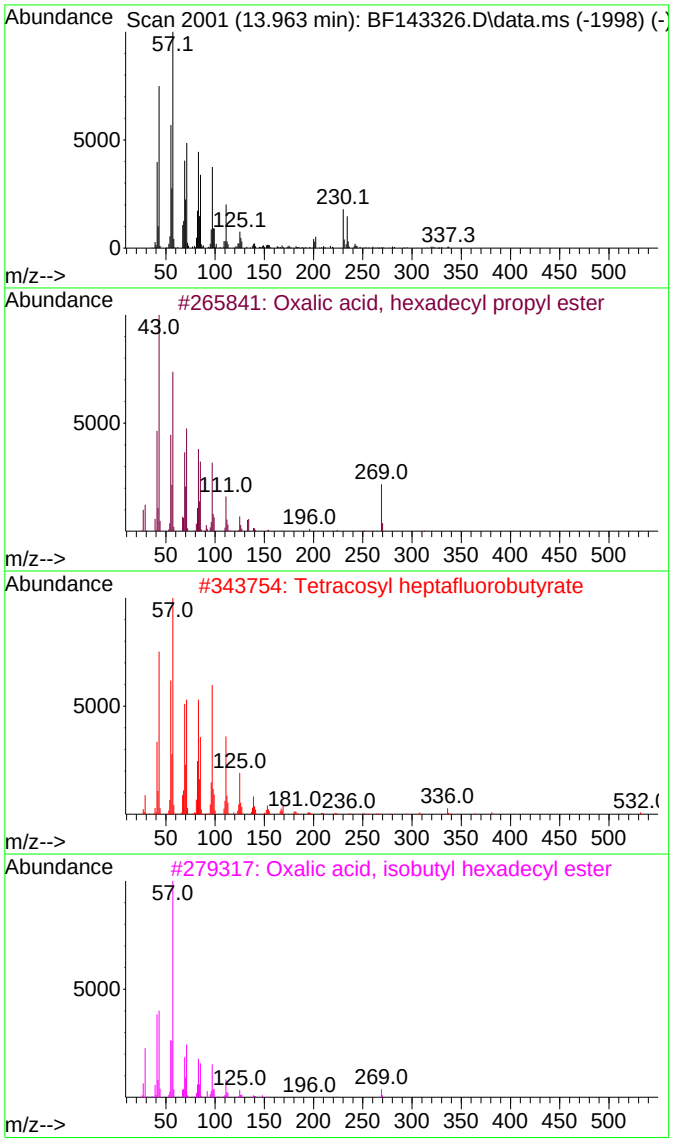
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

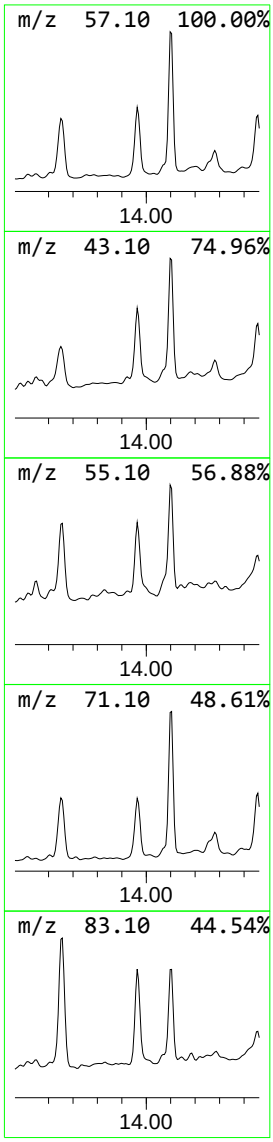
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Oxalic acid, hexadecyl prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	8.30 ng	406501	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	87
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	87
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	87





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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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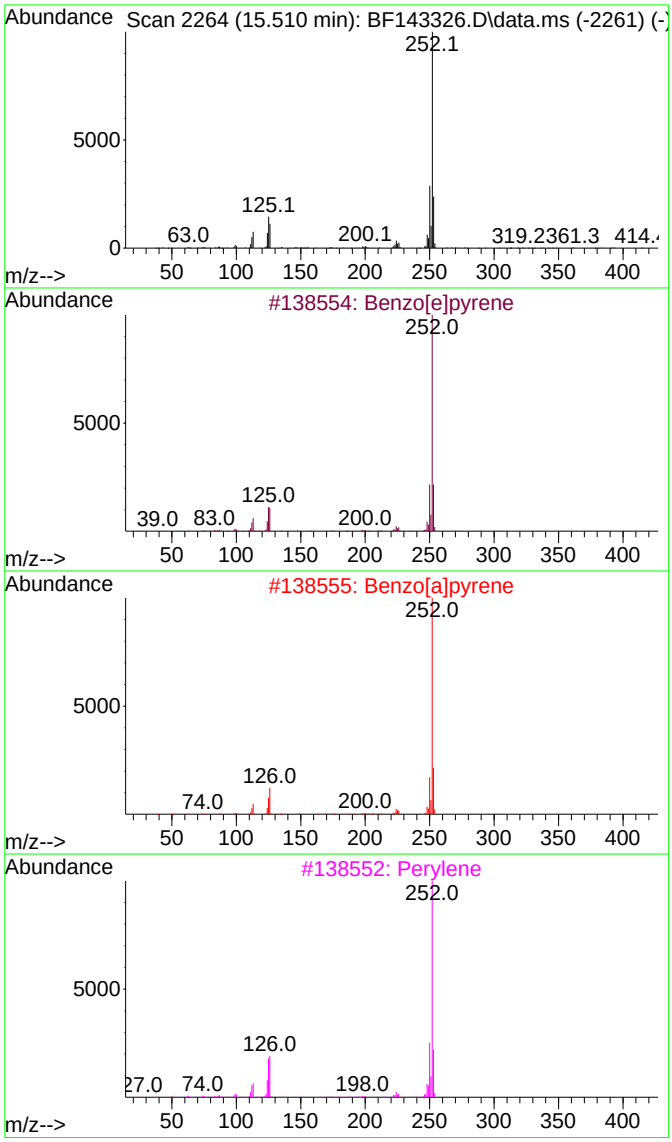
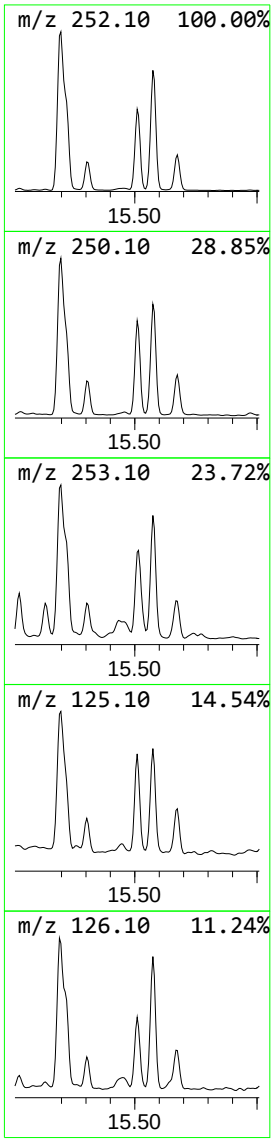
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.509	7.20 ng	285602	Perylene-d12	15.645

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	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143326.D
Acq On : 06 Aug 2025 13:20
Operator : RC/JU
Sample : Q2763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.293	46.4	ng	855294	1	6.963	368938	20.0
2-Pentanone, 4-...	5.193	9.8	ng	181101	1	6.963	368938	20.0
unknown6.228	6.228	3.0	ng	55928	1	6.963	368938	20.0
unknown6.510	6.510	2.4	ng	43307	1	6.963	368938	20.0
Benzophenone	10.704	7.5	ng	172022	3	9.998	458681	20.0
unknown10.910	10.910	2.3	ng	66413	4	11.486	581101	20.0
unknown11.022	11.022	2.3	ng	65315	4	11.486	581101	20.0
unknown11.128	11.128	2.2	ng	63019	4	11.486	581101	20.0
5H-Indeno[1,2-b...	11.710	3.0	ng	86464	4	11.486	581101	20.0
n-Hexadecanoic ...	12.010	37.1	ng	1078610	4	11.486	581101	20.0
4H-Cyclopenta[d...	12.104	4.8	ng	138113	4	11.486	581101	20.0
Octadecanoic acid	12.792	23.9	ng	695458	4	11.486	581101	20.0
Retene	13.210	5.2	ng	252334	5	14.127	979326	20.0
1,1-Dichloro-2,...	13.345	9.3	ng	456365	5	14.127	979326	20.0
1,3-Benzenedica...	13.657	14.8	ng	725380	5	14.127	979326	20.0
Oxalic acid, he...	13.963	8.3	ng	406501	5	14.127	979326	20.0
Benzo[e]pyrene	15.509	7.2	ng	285602	6	15.645	792940	20.0