LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141314.D
Acq On : 30 Jan 2025 15:37
Operator : RC/JU
Sample : Q1209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141314.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	12	17	27	rVB	63040	100144	2.82%	0.363%
2	5.016	485	497	503	rBV2	50772	90288	2.55%	0.327%
3	5.410	558	564	583	rBV	2335401	3144306	88.66%	11.405%
4	6.422	729	736	750	rBV	2346291	3293843	92.88%	11.948%
5	6.798	794	800	805	rBV	806899	1024250	28.88%	3.715%
6	7.357	888	895	900	rBV	1540780	2091406	58.97%	7.586%
7	7.616	934	939	948	rBV	89089	119613	3.37%	0.434%
8	8.075	1011	1017	1023	rBV	1002755	1365175	38.50%	4.952%
9	8.298	1050	1055	1062	rBV	34834	46134	1.30%	0.167%
10	9.151	1194	1200	1206	rBV	2535290	3546306	100.00%	12.863%
11	9.833	1309	1316	1321	rBV	1195395	1549522	43.69%	5.621%
12	10.551	1431	1438	1444	rBV	483210	633966	17.88%	2.300%
13	10.622	1444	1450	1468	rVV	1692973	2273570	64.11%	8.247%
14	10.857	1485	1490	1501	rVB	27982	37913	1.07%	0.138%
15	11.322	1563	1569	1574	rBV	1213693	1535657	43.30%	5.570%
16	11.857	1654	1660	1673	rBV	225971	395768	11.16%	1.436%
17	12.104	1699	1702	1709	rVB	29957	38792	1.09%	0.141%
18	12.645	1788	1794	1806	rBV	24294	57424	1.62%	0.208%
19	12.910	1833	1839	1845	rBV	2637466	3454497	97.41%	12.530%
20	13.698	1961	1973	1988	rBV5	36941	206037	5.81%	0.747%
21	13.821	1990	1994	1997	rVV	32739	54089	1.53%	0.196%
22	13.904	1999	2008	2014	rVV	42074	188461	5.31%	0.684%
23	13.968	2014	2019	2031	rVB	814821	1105881	31.18%	4.011%
24	14.145	2045	2049	2054	rVB	25936	36389	1.03%	0.132%
25	14.910	2165	2179	2208	rBV5	45064	332644	9.38%	1.207%
26	15.445	2264	2270	2276	rBV	543808	847014	23.88%	3.072%

Sum of corrected areas: 27569089

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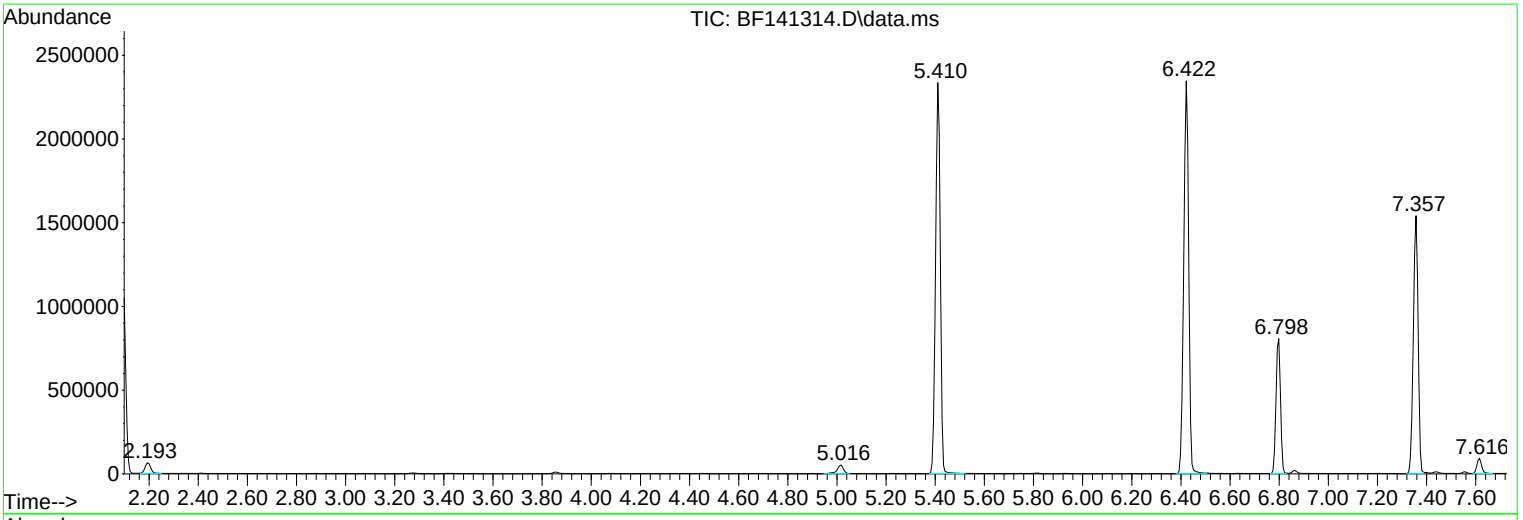
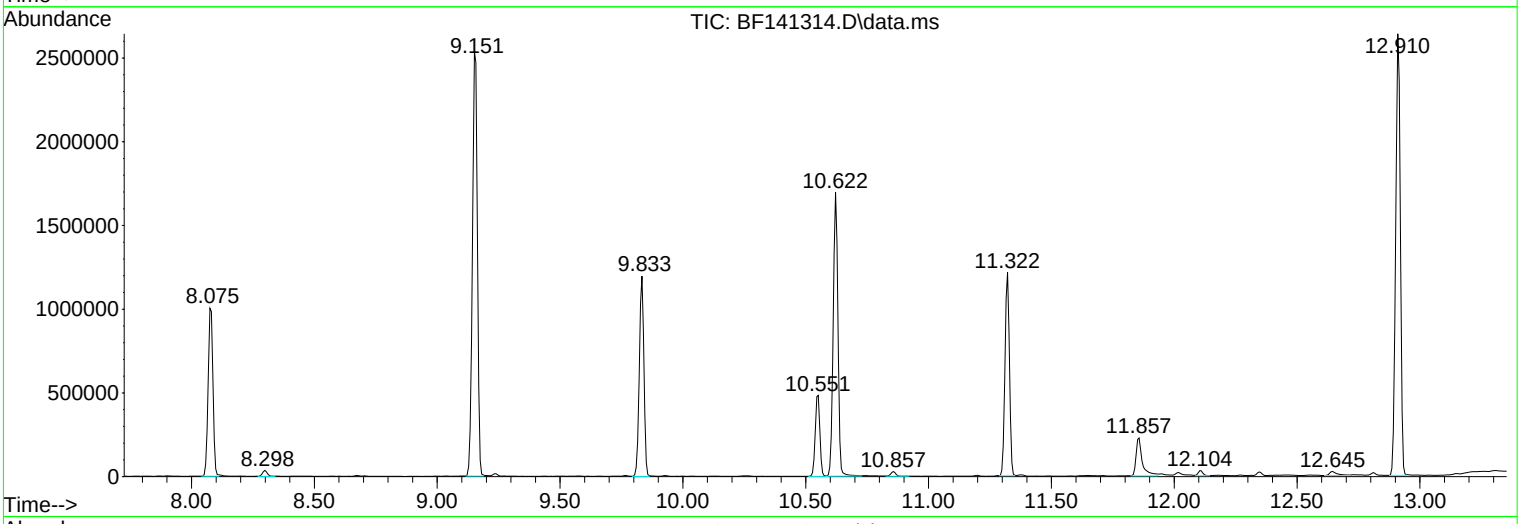
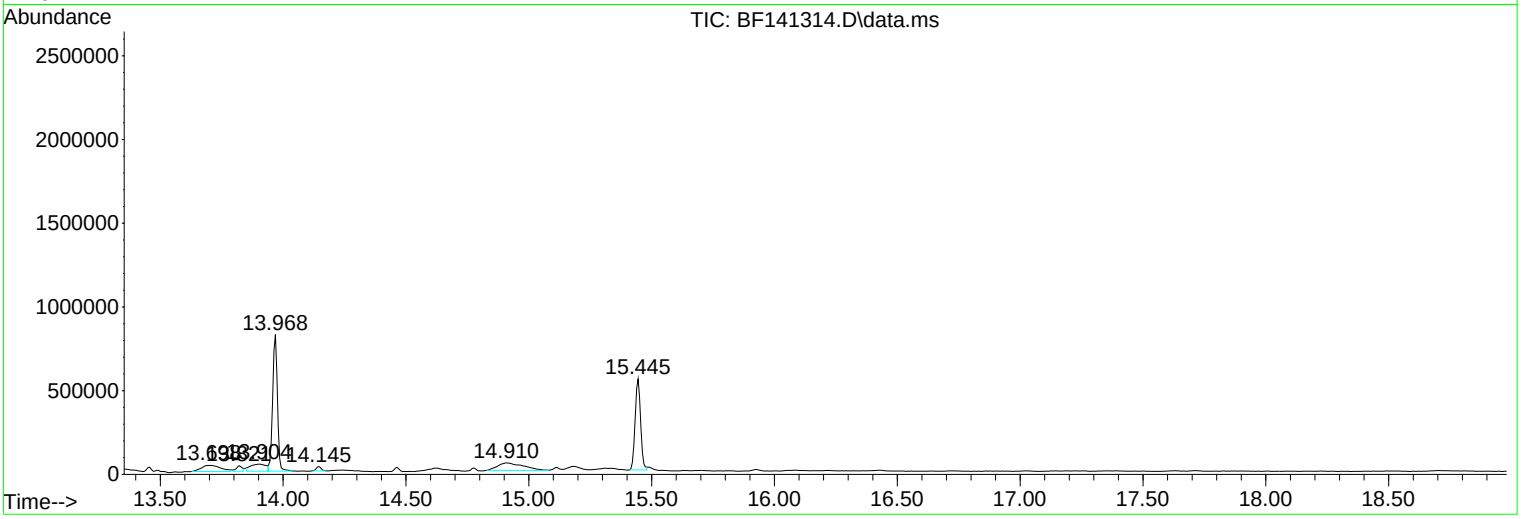
Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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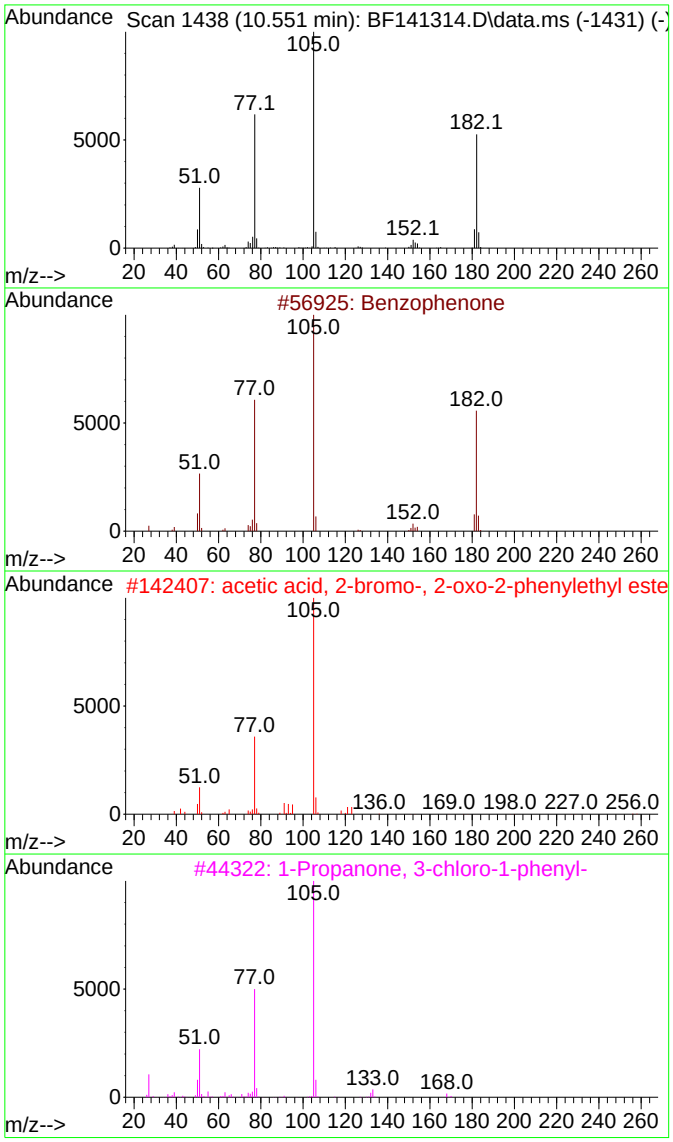
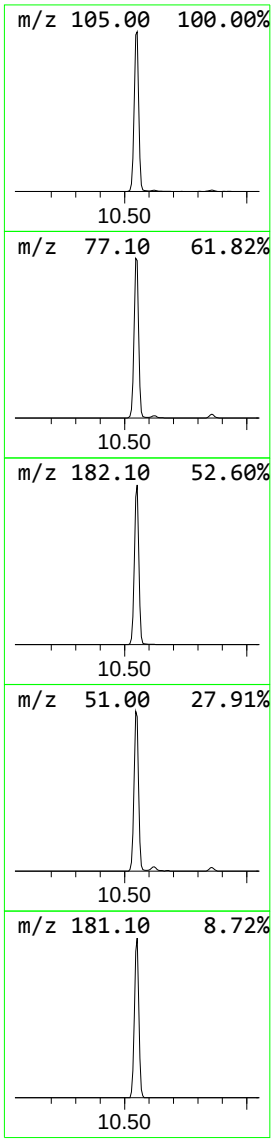
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	8.18 ng	633966	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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Data File : BF141314.D
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Operator : RC/JU
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Misc :
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Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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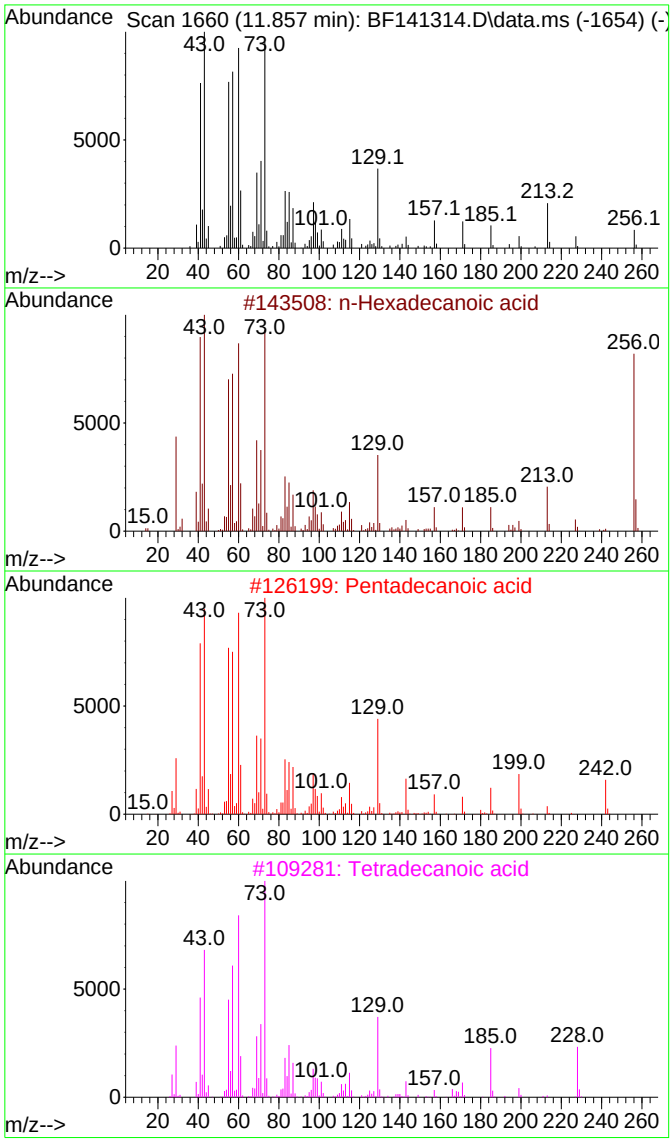
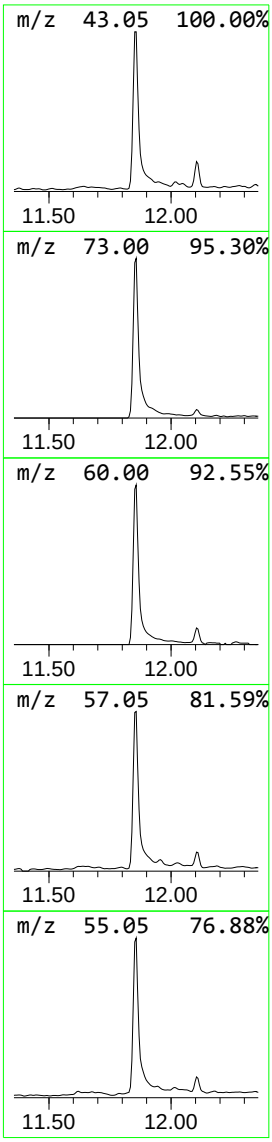
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	5.15 ng	395768	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Operator : RC/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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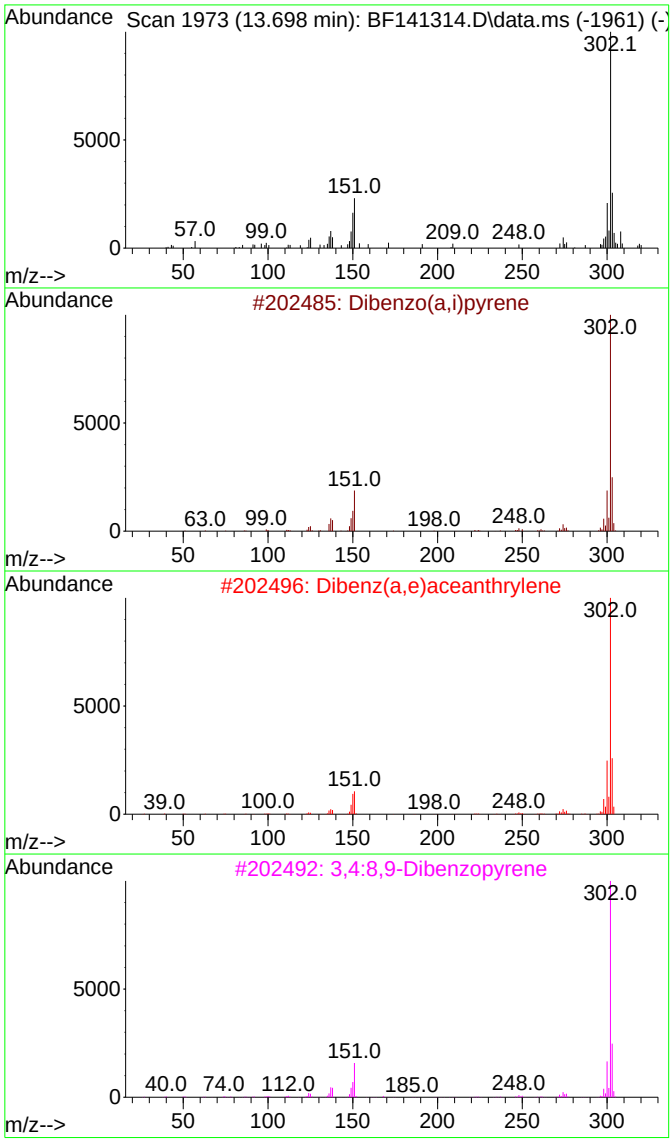
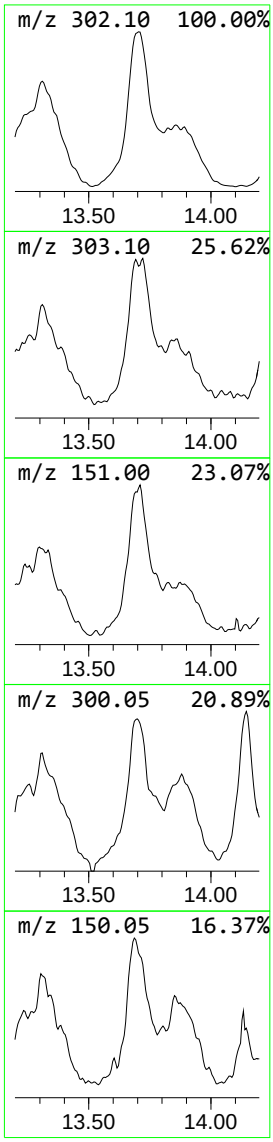
Peak Number 3 Dibenzo(a,i)pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	3.73 ng	206037	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	99
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	89





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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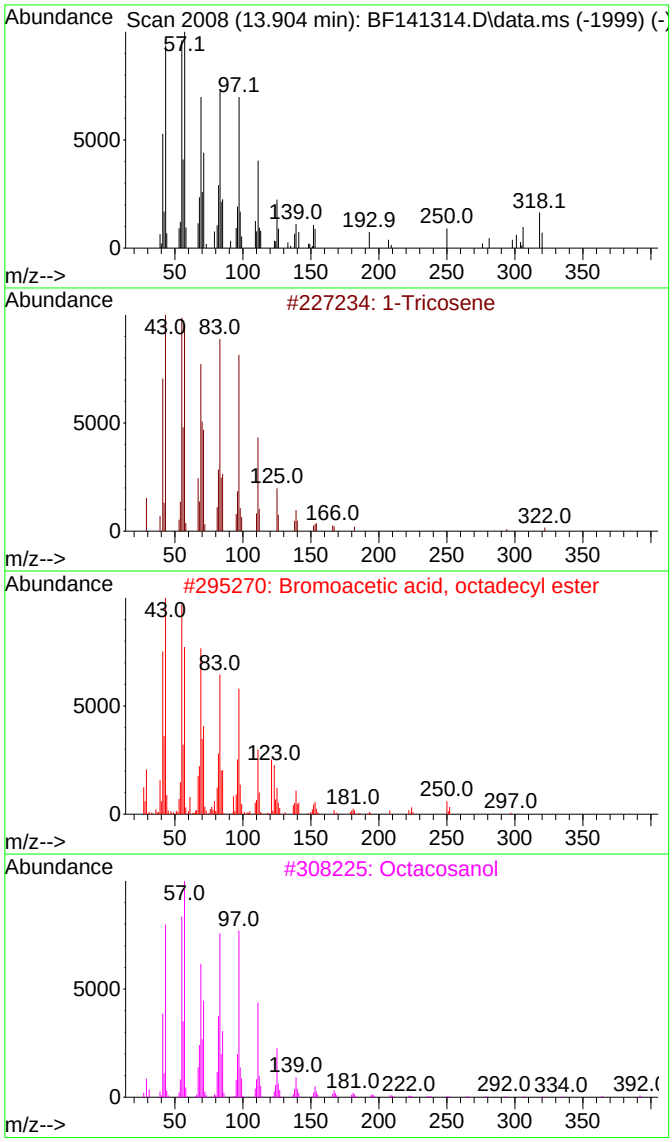
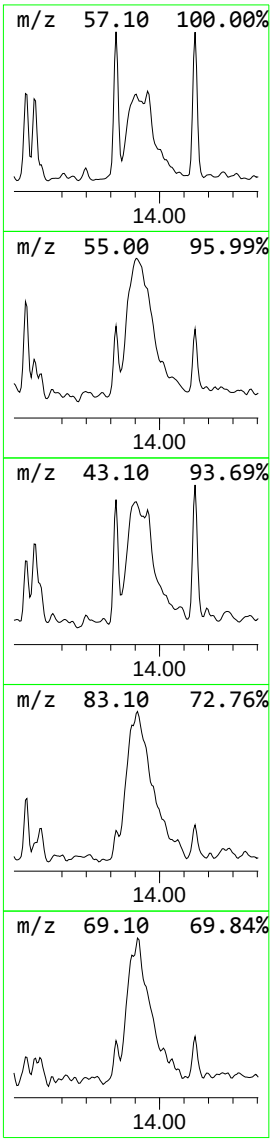
Peak Number 4 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.41 ng	188461	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	89
3	Octacosanol	410	C28H58O	000557-61-9	89
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	87
5	Behenic alcohol	326	C22H46O	000661-19-8	87





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Operator : RC/JU
Sample : Q1209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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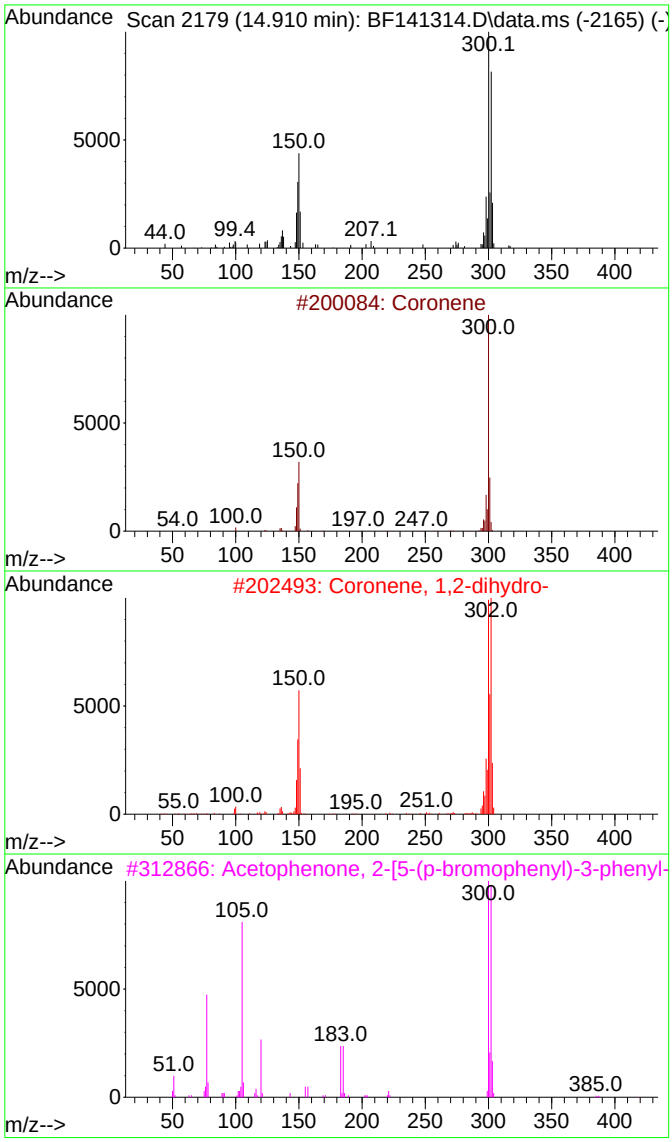
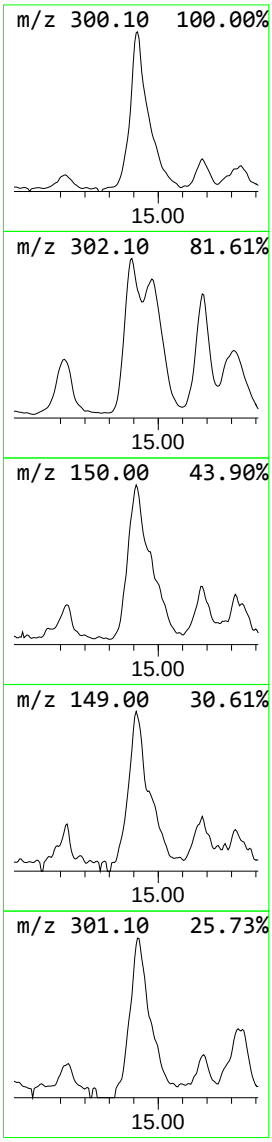
Peak Number 5 Coronene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	7.85 ng	332644	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coronene	300	C24H12	000191-07-1	92
2	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	64
3	Acetophenone, 2-[5-(p-bromopheny...	419	C23H18BrNO2	029809-07-2	50
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	46
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	45





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.551	8.2	ng	633966	3	9.833	1549520	20.0
n-Hexadecanoic ...	11.857	5.2	ng	395768	4	11.322	1535660	20.0
Dibenzo(a,i)pyrene	13.698	3.7	ng	206037	5	13.969	1105880	20.0
1-Tricosene	13.904	3.4	ng	188461	5	13.969	1105880	20.0
Coronene	14.910	7.8	ng	332644	6	15.445	847014	20.0