LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VEOLIA-VNJ-204

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_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	378	383	397	rBB	218077	310580	57.63%	8.263%
2	6.869	653	660	674	rVB	209562	329132	61.07%	8.757%
3	7.675	791	797	804	rBB	39859	58042	10.77%	1.544%
4	8.851	989	997	1007	rBB	125865	198540	36.84%	5.282%
5	10.469	1266	1272	1278	rBV	49271	75440	14.00%	2.007%
6	12.957	1688	1695	1704	rVB	271030	370849	68.81%	9.866%
7	13.233	1737	1742	1747	rVB	5626	7494	1.39%	0.199%
8	13.810	1836	1840	1845	rVB	8154	9122	1.69%	0.243%
9	14.345	1925	1931	1936	rVB	64792	89862	16.67%	2.391%
10	14.410	1936	1942	1946	rBV	5632	7646	1.42%	0.203%
11	15.398	2106	2110	2115	rVB	7336	9309	1.73%	0.248%
12	15.839	2180	2185	2192	rBV	225913	298341	55.36%	7.937%
13	17.092	2392	2398	2401	rBV	73757	102864	19.09%	2.737%
14	17.133	2401	2405	2410	rVV	93262	119625	22.20%	3.183%
15	17.221	2412	2420	2426	rVB	16419	20898	3.88%	0.556%
16	17.963	2540	2546	2547	rBV	12644	14413	2.67%	0.383%
17	17.986	2547	2550	2552	rVV	29290	36329	6.74%	0.967%
18	18.010	2552	2554	2559	rVB	17456	19787	3.67%	0.526%
19	18.092	2564	2568	2572	rVV2	4334	6657	1.24%	0.177%
20	18.157	2572	2579	2582	rVV3	15568	27032	5.02%	0.719%
21	18.192	2582	2585	2591	rVB	7849	11260	2.09%	0.300%
22	18.462	2624	2631	2637	rBV	8165	11556	2.14%	0.307%
23	18.727	2669	2676	2680	rBV2	13043	19188	3.56%	0.510%
24	18.880	2698	2702	2706	rBV	6252	8539	1.58%	0.227%
25	19.145	2738	2747	2754	rBV	97409	126696	23.51%	3.371%
26	19.268	2761	2768	2772	rBV3	9089	12724	2.36%	0.339%
27	19.509	2799	2809	2817	rBV	98943	140566	26.08%	3.740%
28	19.715	2839	2844	2849	rVB	441795	538915	100.00%	14.338%
29	19.839	2859	2865	2871	rBV5	5080	11316	2.10%	0.301%
30	20.009	2883	2894	2899	rBV	12225	26298	4.88%	0.700%
31	20.104	2906	2910	2915	rVB	9398	11428	2.12%	0.304%
32	20.162	2915	2920	2925	rBV2	8734	13559	2.52%	0.361%
33	20.304	2940	2944	2947	rVB	6125	6821	1.27%	0.181%
34	20.345	2947	2951	2955	rBV	6509	8762	1.63%	0.233%
35	20.909	3044	3047	3051	rBV3	5731	6906	1.28%	0.184%
36	20.951	3051	3054	3056	rBV2	8403	10384	1.93%	0.276%

LSC Area Percent Report

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Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VEOLIA-VNJ-204

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_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.980	3056	3059	3066	rVB3	62125	77386	14.36%	2.059%
38	21.262	3101	3107	3111	rBV2	137635	216056	40.09%	5.748%
39	21.298	3111	3113	3119	rVB	45061	51867	9.62%	1.380%
40	21.415	3129	3133	3137	rBV4	12250	15932	2.96%	0.424%
41	21.803	3196	3199	3202	rBV2	7405	8321	1.54%	0.221%
42	22.786	3361	3366	3379	rVB	29762	89046	16.52%	2.369%
43	23.239	3440	3443	3449	rVB2	16339	25159	4.67%	0.669%
44	23.333	3455	3459	3466	rVB	30475	51758	9.60%	1.377%
45	23.427	3469	3475	3480	rBV2	85728	146289	27.15%	3.892%

Sum of corrected areas: 3758694

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Acq On : 05 Mar 2021 21:56
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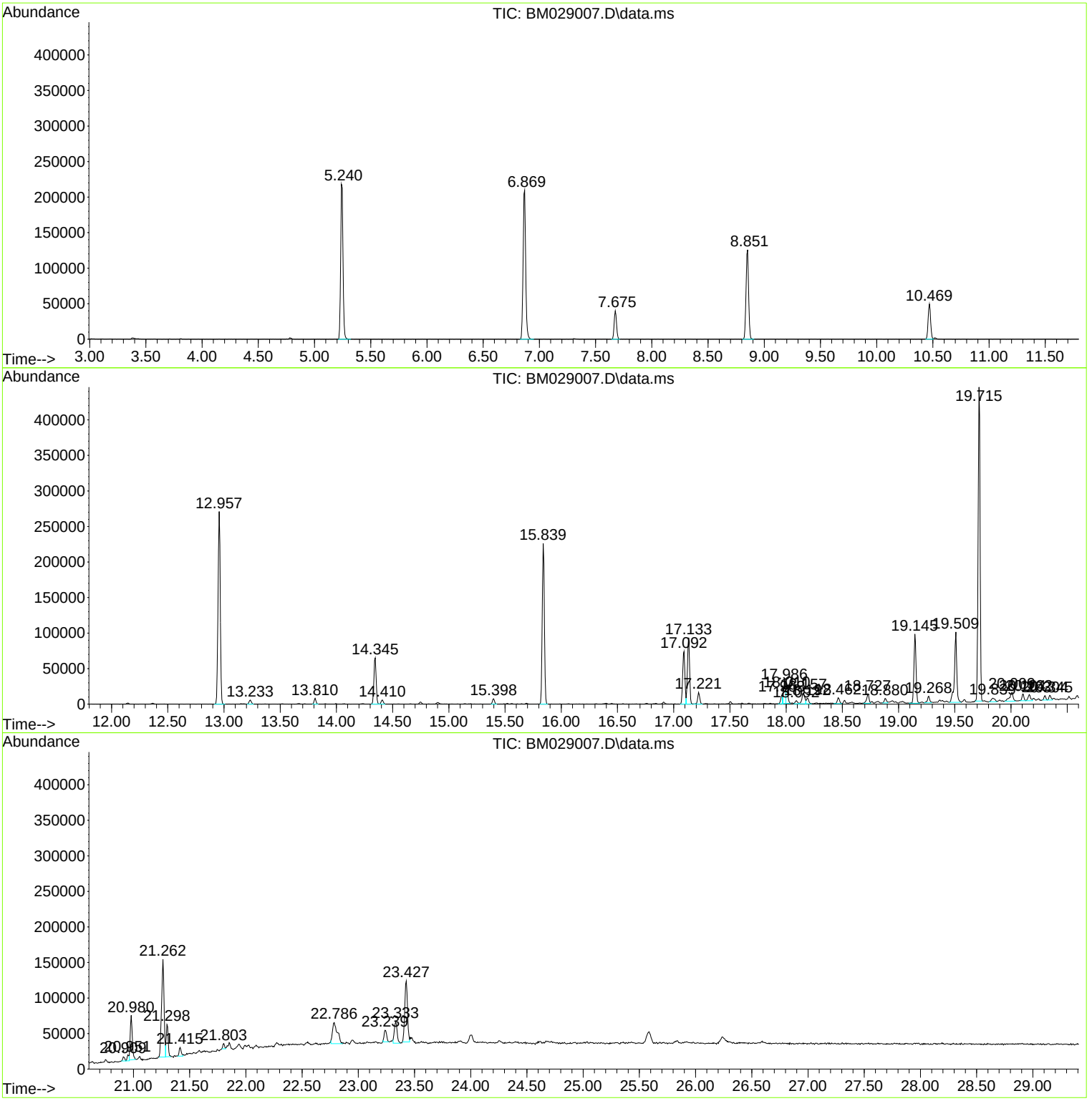
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

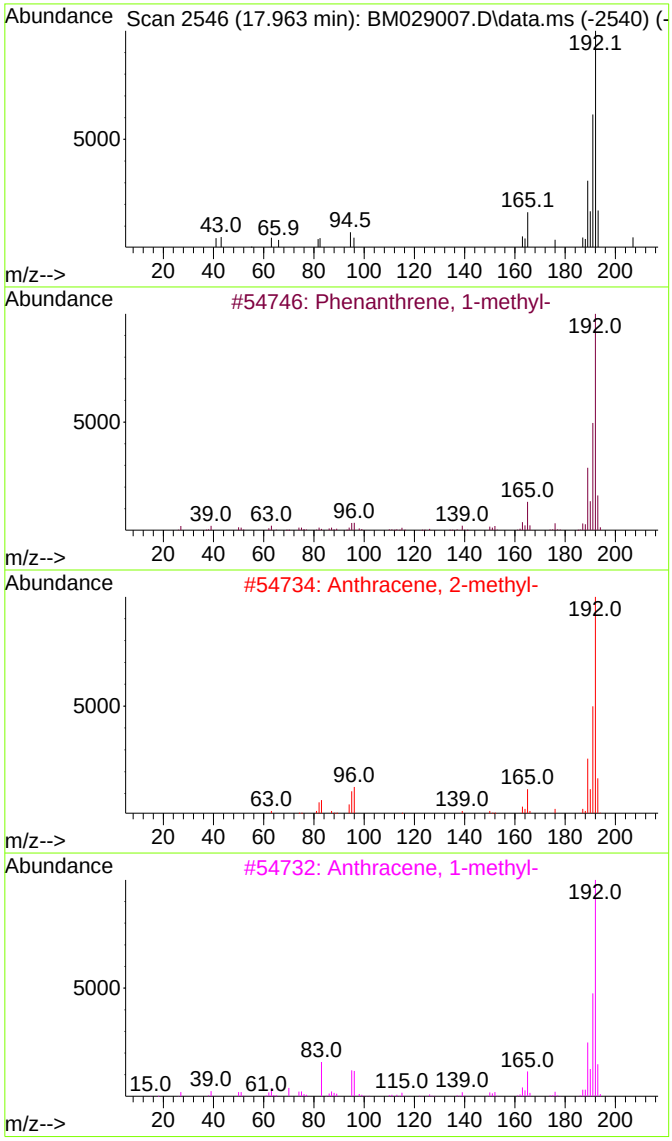
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

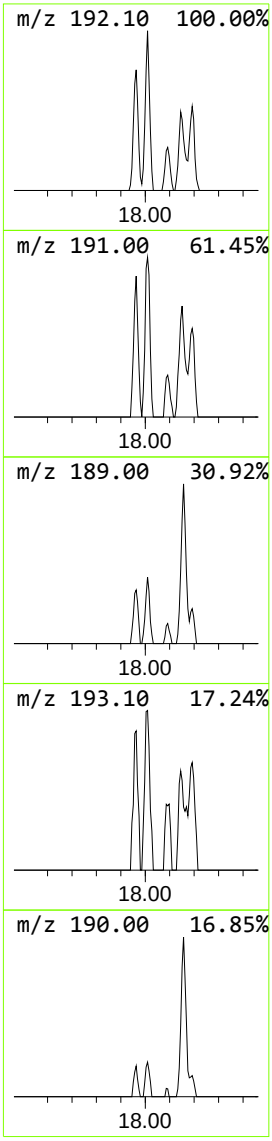
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.962	2.80 ng	14413	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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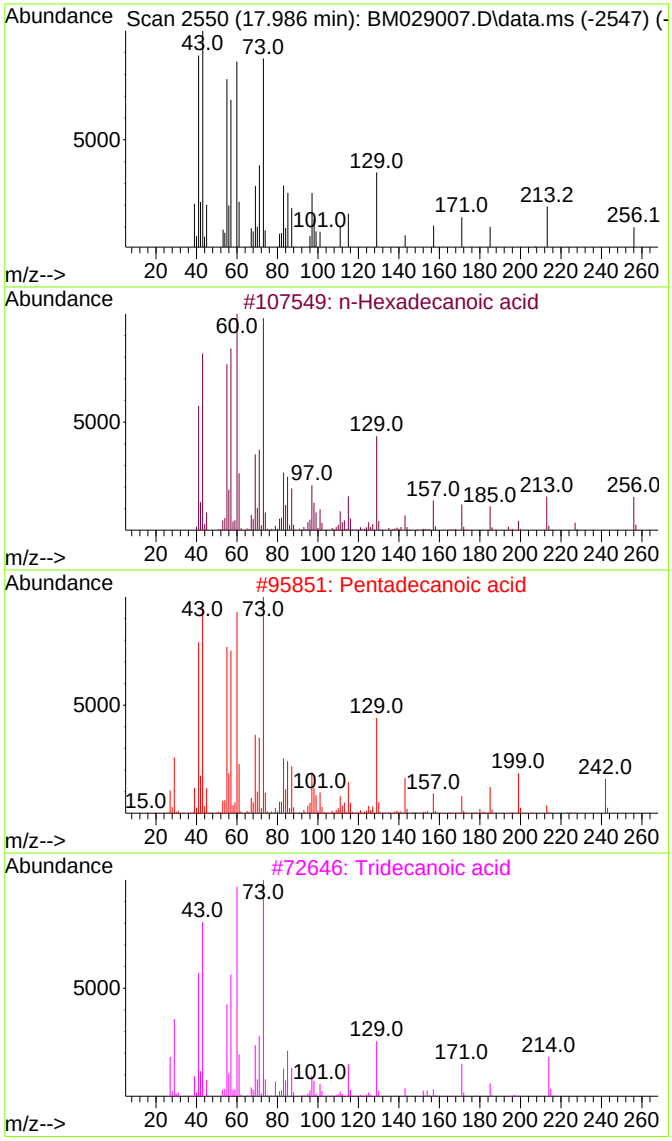
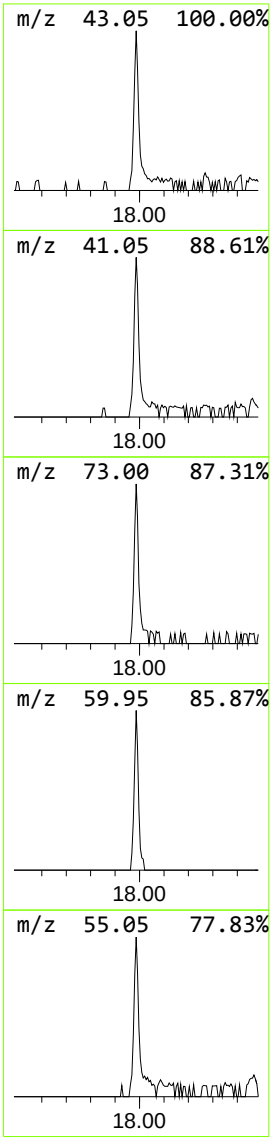
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	7.06 ng	36329	Phenanthrene-d10	17.092

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	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

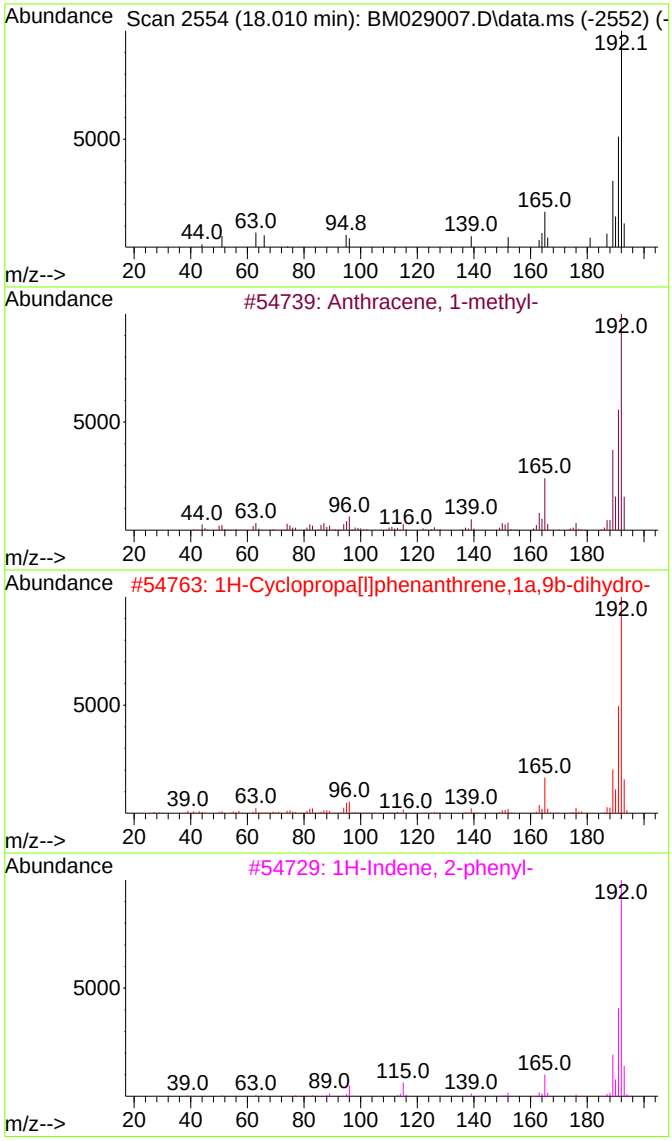
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

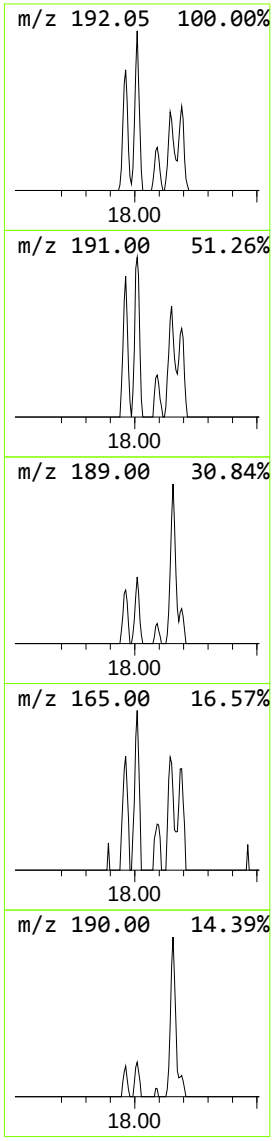
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	3.85 ng	19787	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

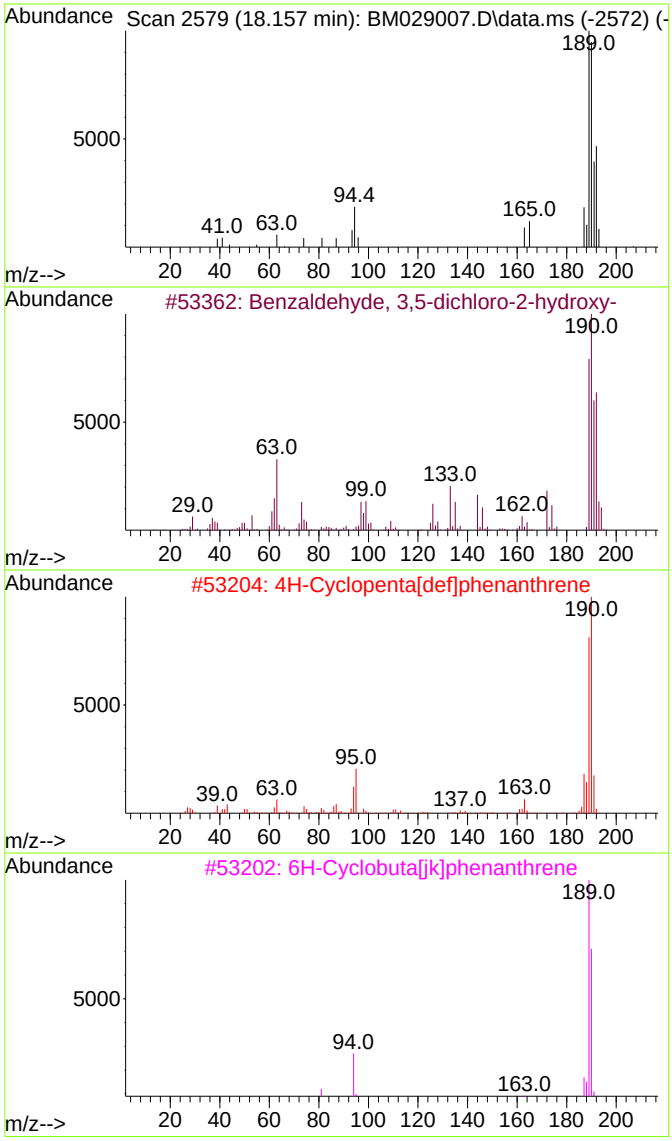
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

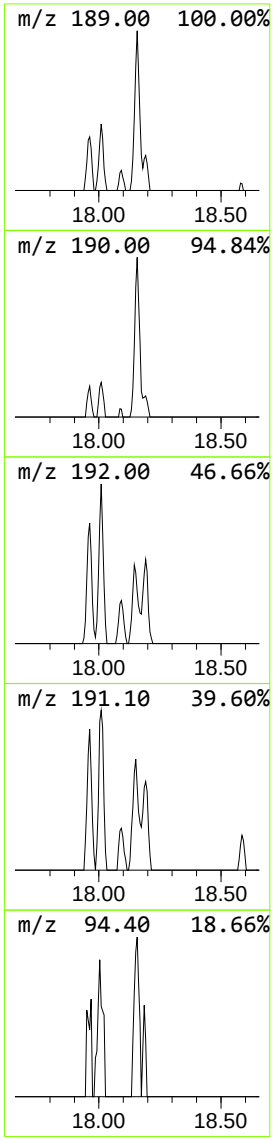
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	5.26 ng	27032	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Methyl diselenide	190	C2H6Se2	007101-31-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

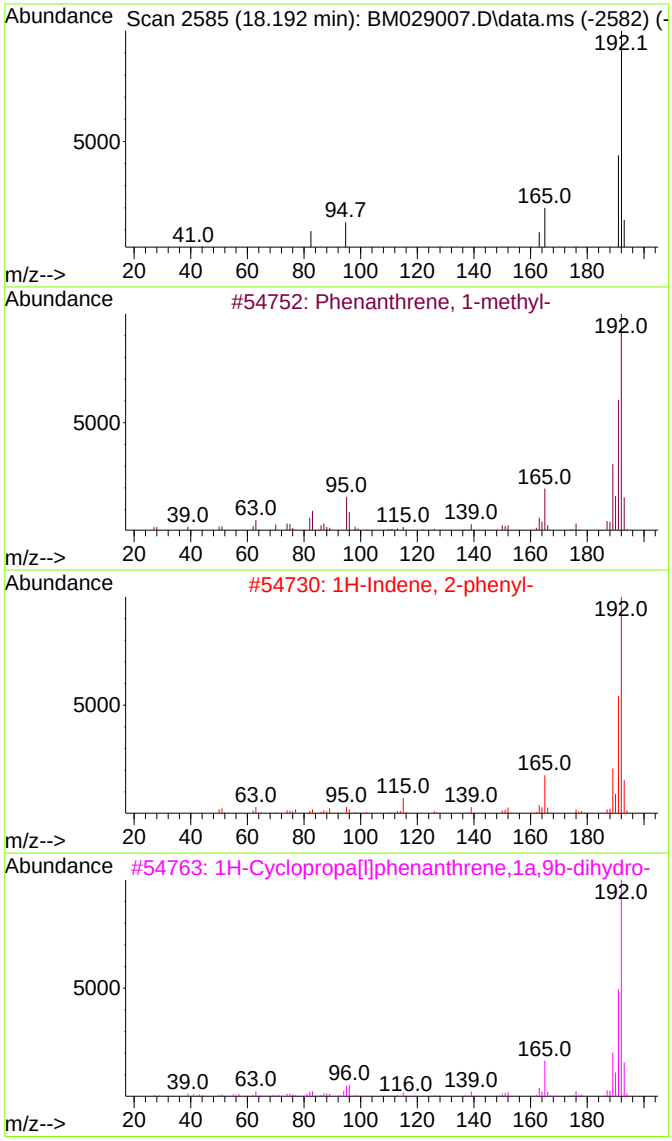
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

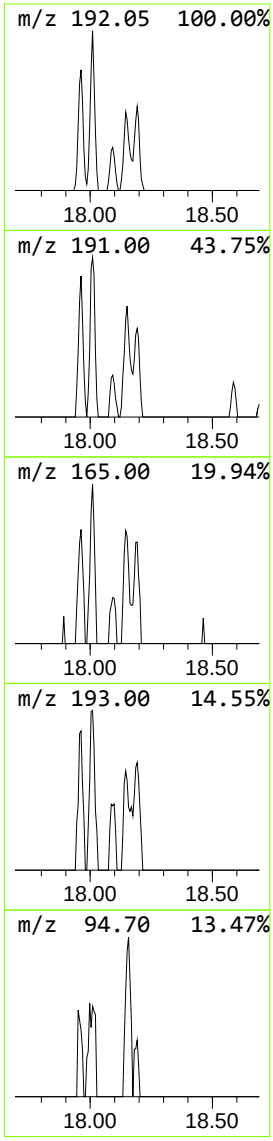
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	2.19 ng	11260	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

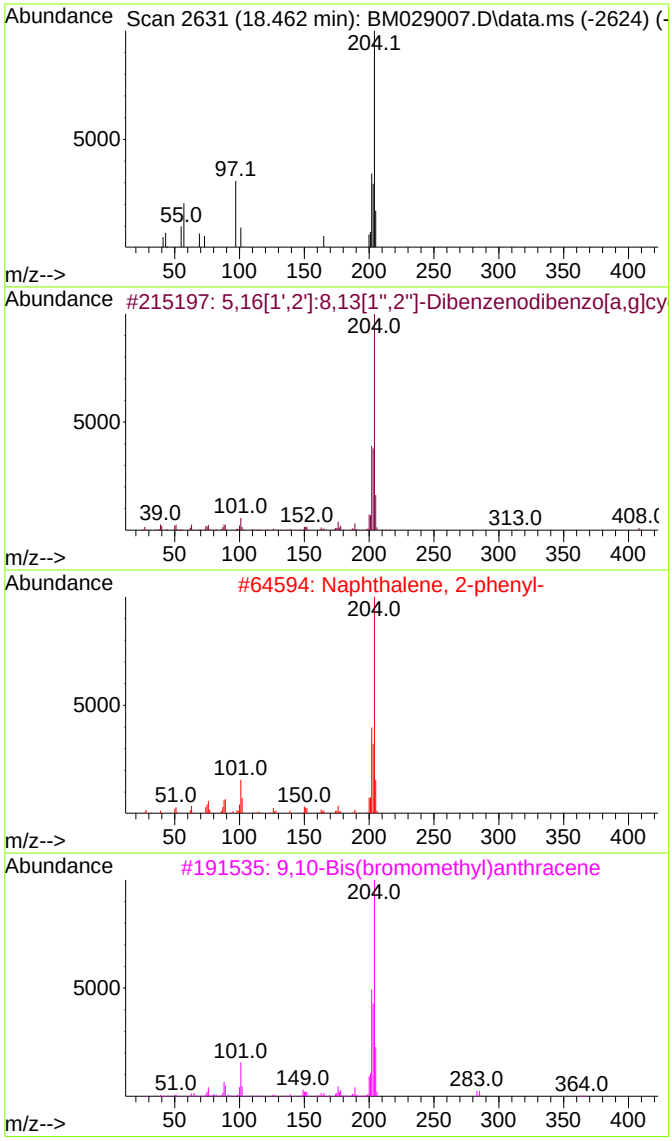
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

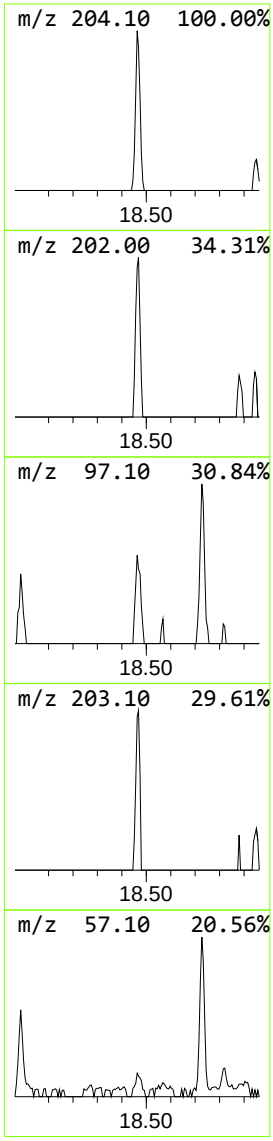
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.462	2.25 ng	11556	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	37





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Sample : M1551-01
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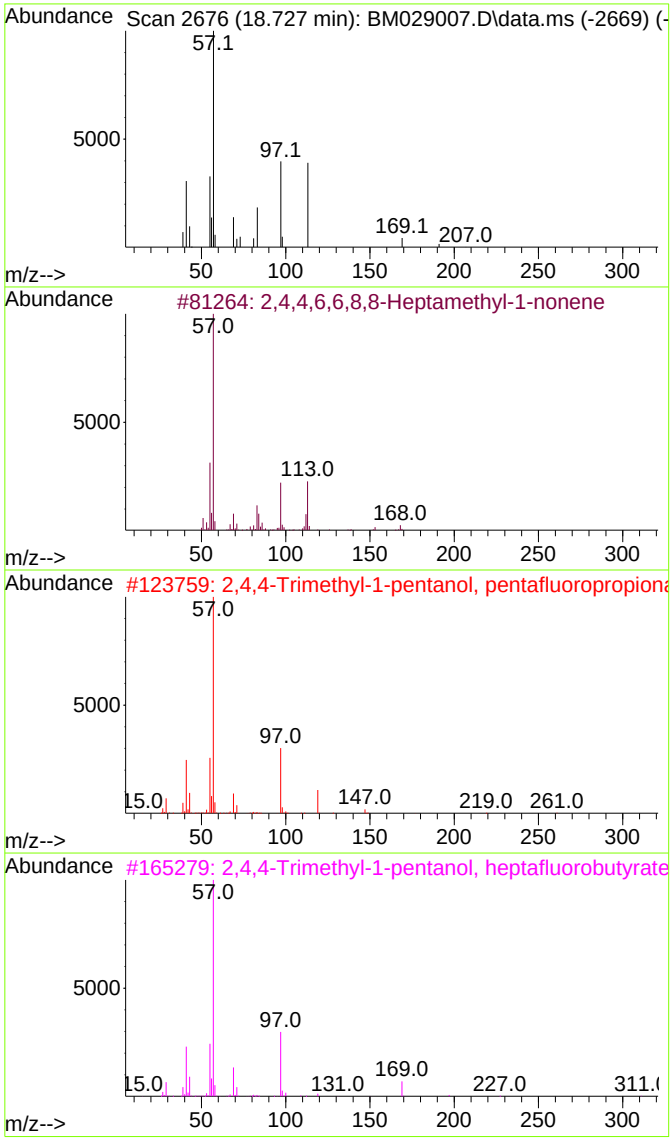
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

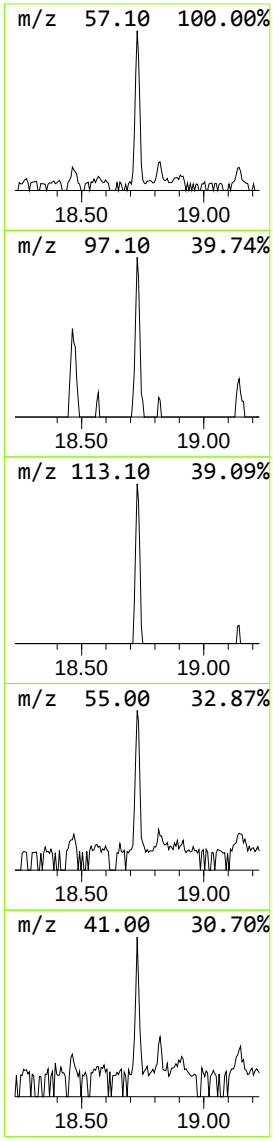
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	3.73 ng	19188	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	43
3	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	37
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
5	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	32





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Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

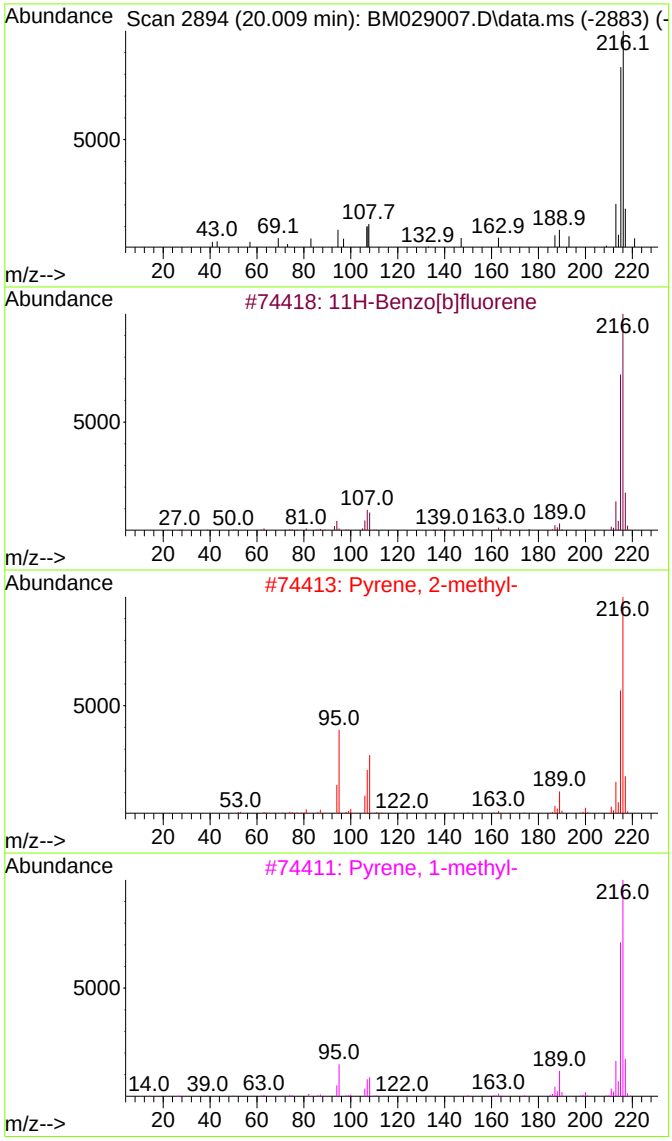
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

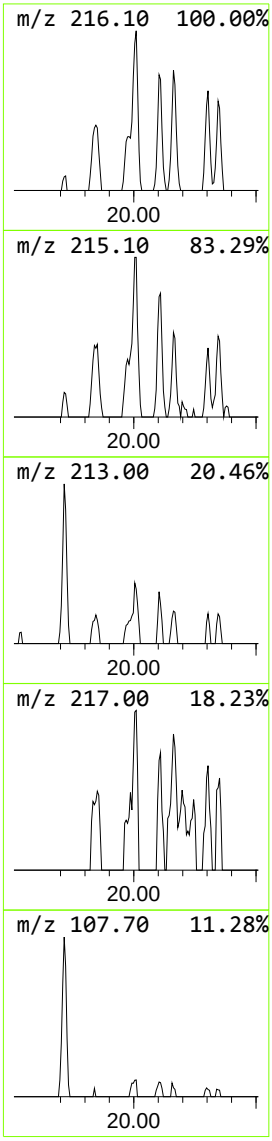
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	2.43 ng	26298	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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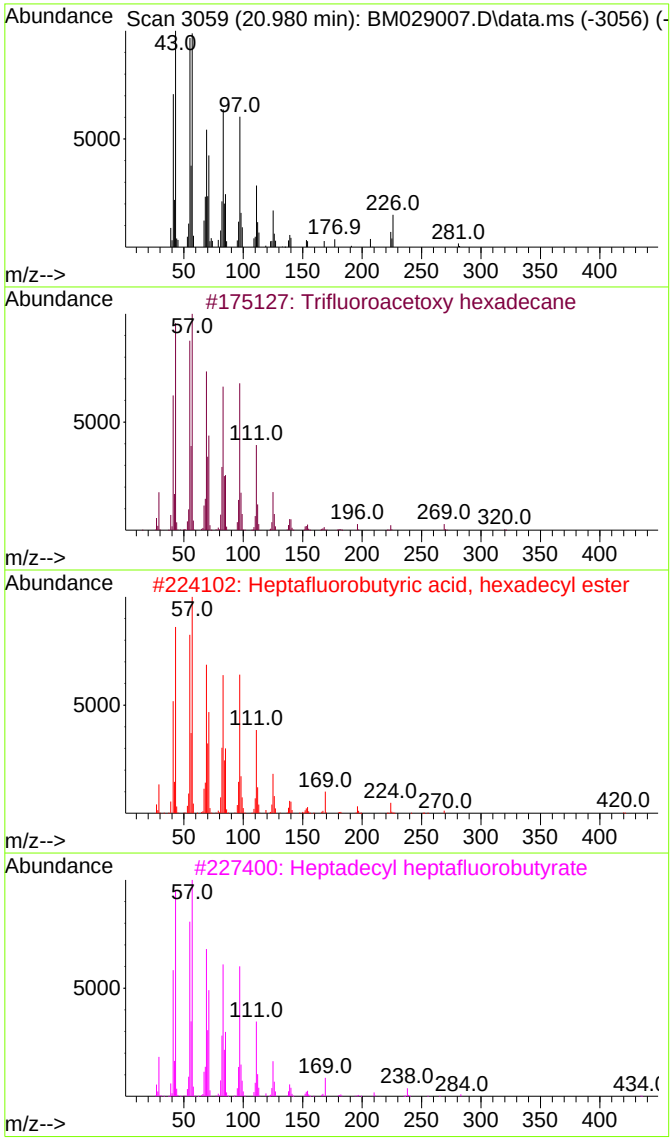
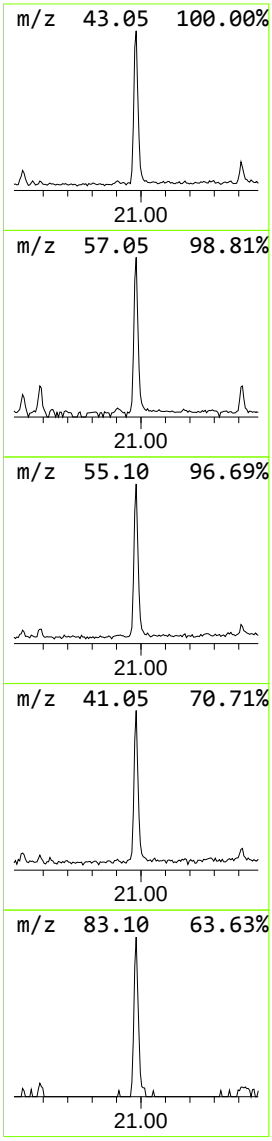
Peak Number 9 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	7.16 ng	77386	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	1-Docosene	308	C22H44	001599-67-3	93





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Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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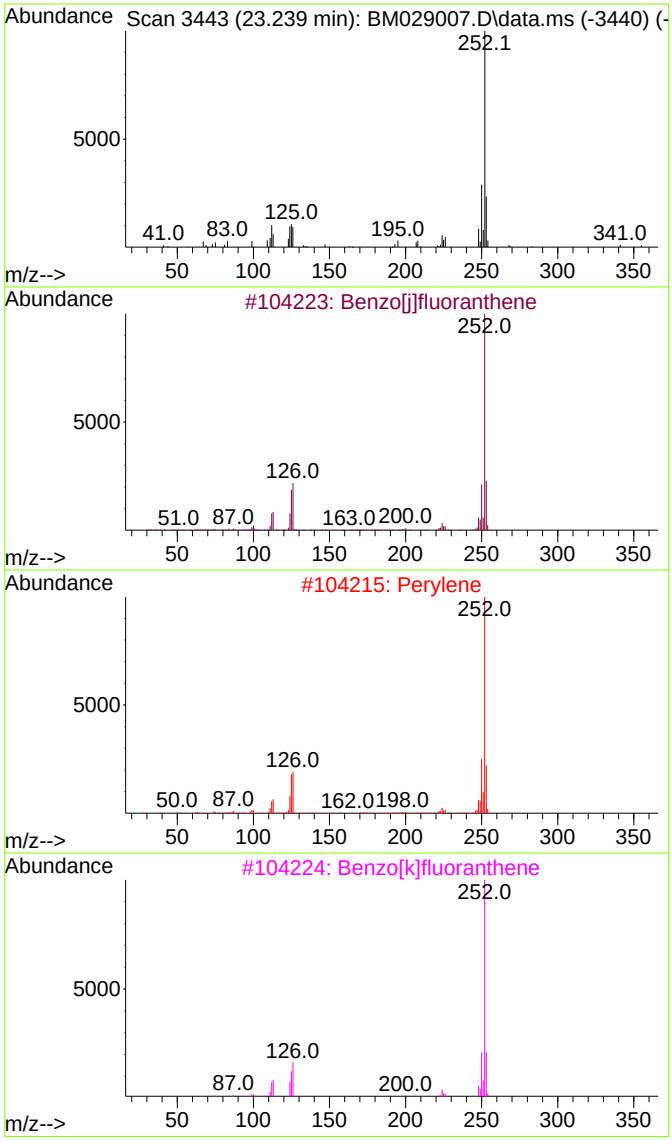
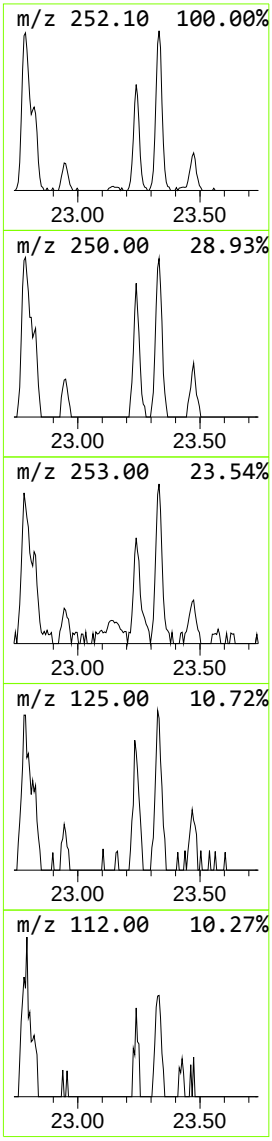
Peak Number 10 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.239	3.44 ng	25159	Perylene-d12	23.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
2	Perylene	252	C20H12	000198-55-0	68
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
4	Benzo[e]pyrene	252	C20H12	000192-97-2	64
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029007.D
Acq On : 05 Mar 2021 21:56
Operator : CG/JU
Sample : M1551-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VEOLIA-VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	17.962	2.8	ng	14413	4	17.092	102864	20.0
n-Hexadecanoic ...	17.986	7.1	ng	36329	4	17.092	102864	20.0
Anthracene, 1-m...	18.010	3.9	ng	19787	4	17.092	102864	20.0
Benzaldehyde, 3...	18.157	5.3	ng	27032	4	17.092	102864	20.0
1H-Indene, 2-ph...	18.192	2.2	ng	11260	4	17.092	102864	20.0
5,16[1',2']:8,1...	18.462	2.3	ng	11556	4	17.092	102864	20.0
2,4,4,6,6,8,8-H...	18.727	3.7	ng	19188	4	17.092	102864	20.0
11H-Benzo[b]flu...	20.009	2.4	ng	26298	5	21.262	216056	20.0
Trifluoroacetox...	20.980	7.2	ng	77386	5	21.262	216056	20.0
Benzo[j]fluoran...	23.239	3.4	ng	25159	6	23.427	146289	20.0