LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

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-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	365	371	382	rBV	3314046	4608382	47.28%	4.580%
2	6.628	625	636	650	rBV	3112699	4808092	49.33%	4.778%
3	7.087	709	714	718	rBV2	114275	160575	1.65%	0.160%
4	7.422	765	771	780	rVB	937487	1483078	15.21%	1.474%
5	7.739	818	825	832	rBV	2744996	4223958	43.33%	4.198%
6	8.563	952	965	973	rBV	1989350	3173011	32.55%	3.153%
7	8.669	979	983	991	rVB	103462	156632	1.61%	0.156%
8	10.181	1233	1240	1247	rBV	1160446	1920326	19.70%	1.908%
9	12.686	1659	1666	1677	rBV	4676265	6723491	68.98%	6.682%
10	13.545	1808	1812	1817	rVB	122421	165711	1.70%	0.165%
11	14.074	1895	1902	1908	rBV	1803411	2683914	27.53%	2.667%
12	14.139	1908	1913	1918	rVV	338125	482442	4.95%	0.479%
13	14.474	1965	1970	1978	rBV	135280	239515	2.46%	0.238%
14	14.886	2035	2040	2043	rBV	81689	120310	1.23%	0.120%
15	15.133	2077	2082	2086	rBV	291070	404164	4.15%	0.402%
16	15.433	2130	2133	2143	rVB	54624	98038	1.01%	0.097%
17	15.574	2151	2157	2166	rBV	4959388	6933548	71.13%	6.891%
18	16.486	2308	2312	2319	rBV2	116567	179435	1.84%	0.178%
19	16.645	2336	2339	2344	rVB	145453	183146	1.88%	0.182%
20	16.827	2365	2370	2373	rBV	2162671	2936039	30.12%	2.918%
21	16.868	2373	2377	2384	rVV	3192142	4339798	44.52%	4.313%
22	16.957	2388	2392	2398	rVB	802553	1112859	11.42%	1.106%
23	17.233	2435	2439	2446	rBV	327124	453047	4.65%	0.450%
24	17.704	2516	2519	2523	rBV	241647	321692	3.30%	0.320%
25	17.768	2524	2530	2537	rVV2	521078	1158639	11.89%	1.151%
26	17.898	2547	2552	2556	rBV2	590139	1026930	10.54%	1.021%
27	18.215	2603	2606	2608	rBV	230350	270618	2.78%	0.269%
28	18.898	2717	2722	2727	rBV	5882199	7640204	78.38%	7.593%
29	19.262	2776	2784	2789	rBV	4520764	7125571	73.10%	7.081%
30	19.486	2818	2822	2831	rVB	7610991	9747582	100.00%	9.687%
31	19.768	2868	2870	2875	rVB	649599	751133	7.71%	0.746%
32	19.868	2885	2887	2891	rVB	470910	513257	5.27%	0.510%
33	20.203	2941	2944	2950	rVB	794781	961790	9.87%	0.956%
34	20.797	3043	3045	3056	rVB3	794741	1625437	16.68%	1.615%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

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-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.033	3080	3085	3090	rBV3	3951047	7880936	80.85%	7.832%
36	21.074	3090	3092	3103	rVB	2510840	3218282	33.02%	3.198%
37	22.539	3336	3341	3345	rBV	2292930	4692233	48.14%	4.663%
38	23.062	3426	3430	3436	rBV	1817525	3038356	31.17%	3.020%
39	23.150	3441	3445	3450	rBV	1938413	3060613	31.40%	3.042%

Sum of corrected areas: 100622784

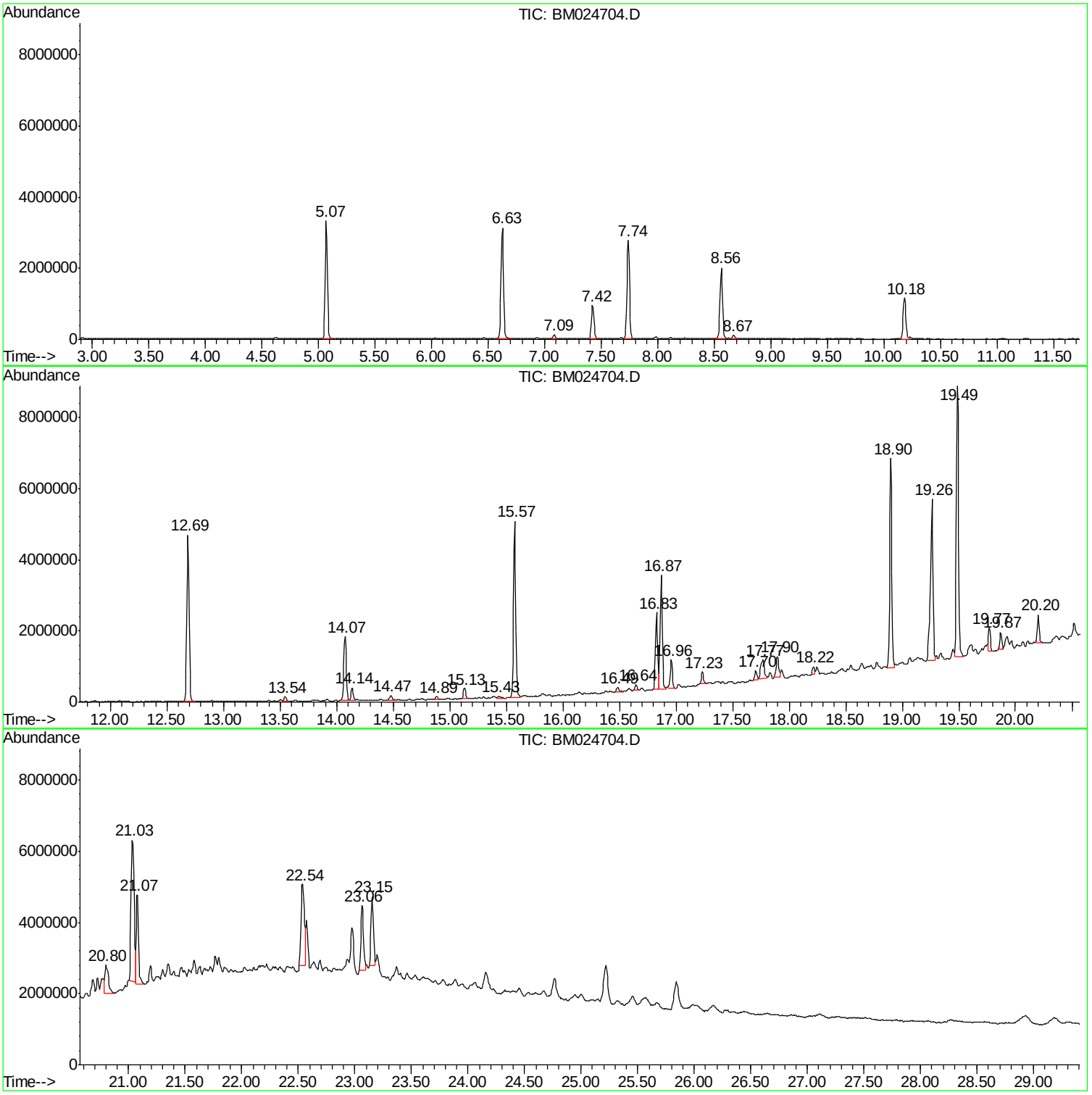
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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\BM020320\
Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

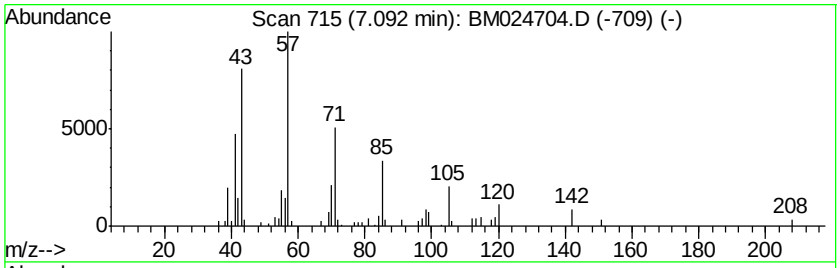
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

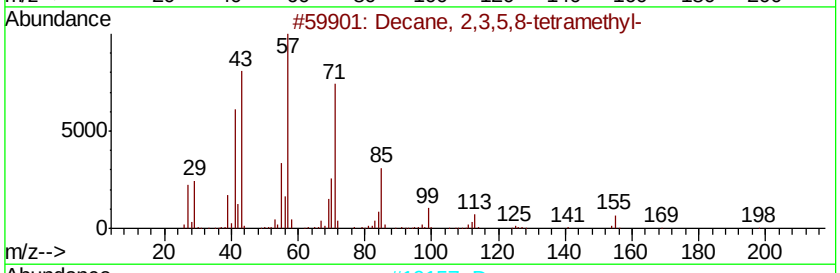
****

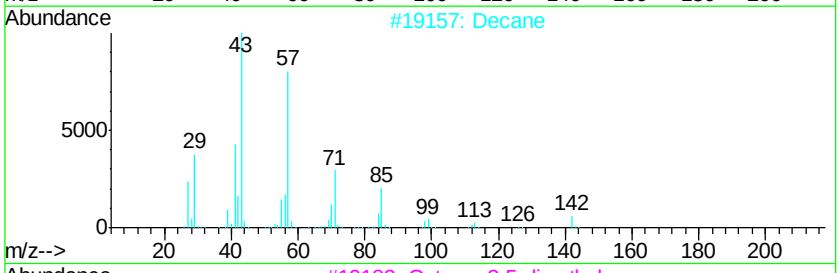
Peak Number 1 Decane, 2,3,5,8-tetramethyl- Concentration Rank 6

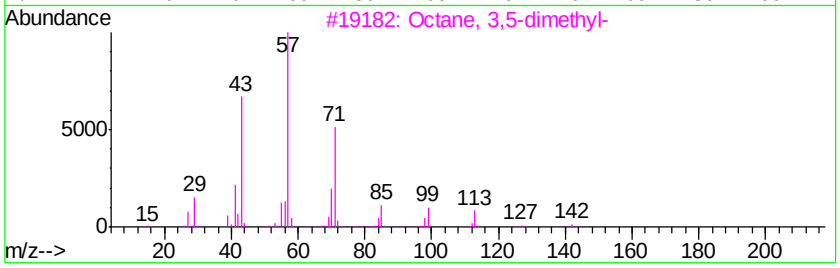
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.17 ng	160575	1,4-Dichlorobenzene-d4	7.42

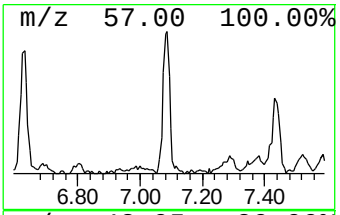
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	86
2	Decane	142	C10H22	000124-18-5	81
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	76
4	Tridecane	184	C13H28	000629-50-5	72
5	Pentadecane	212	C15H32	000629-62-9	64

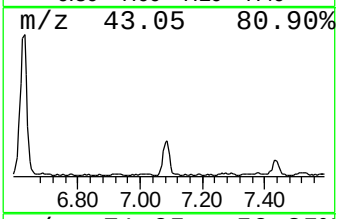


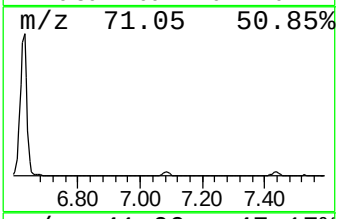


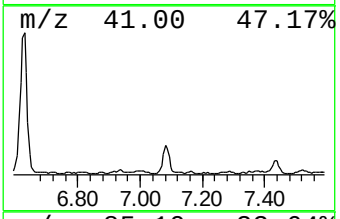


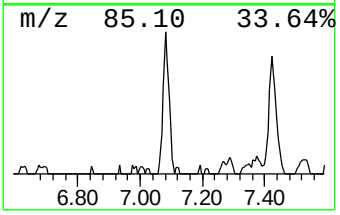












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

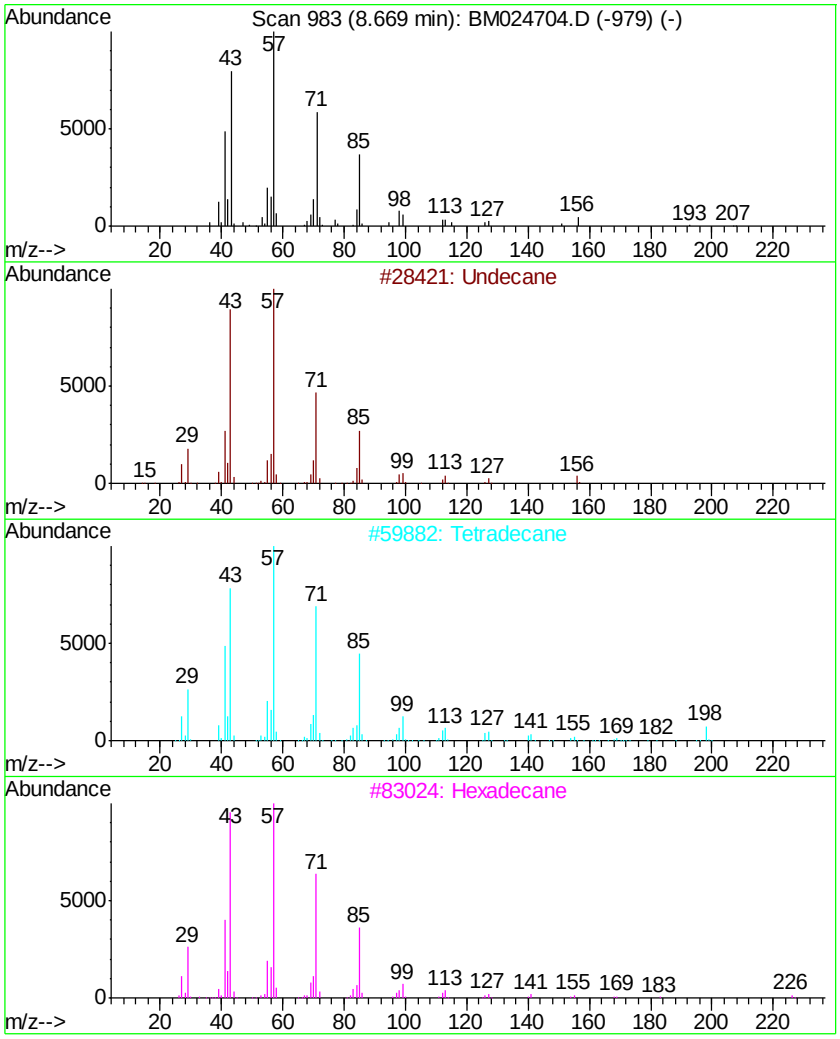
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

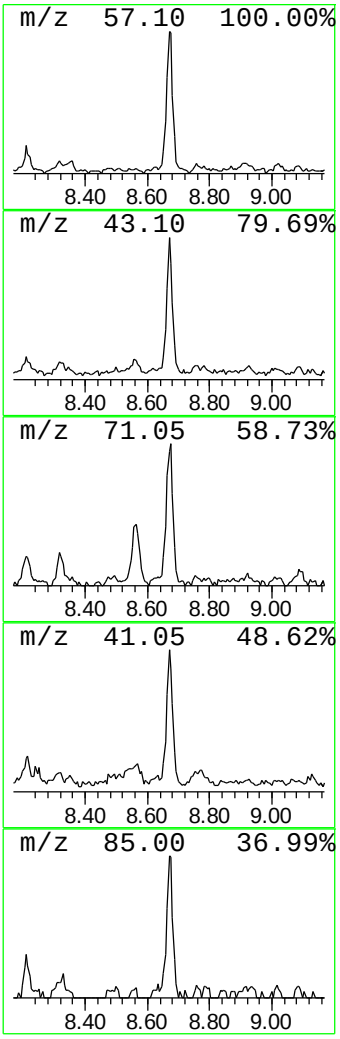
****

Peak Number 3 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	2.11 ng	156632	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Dodecane	170	C12H26	000112-40-3	86





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Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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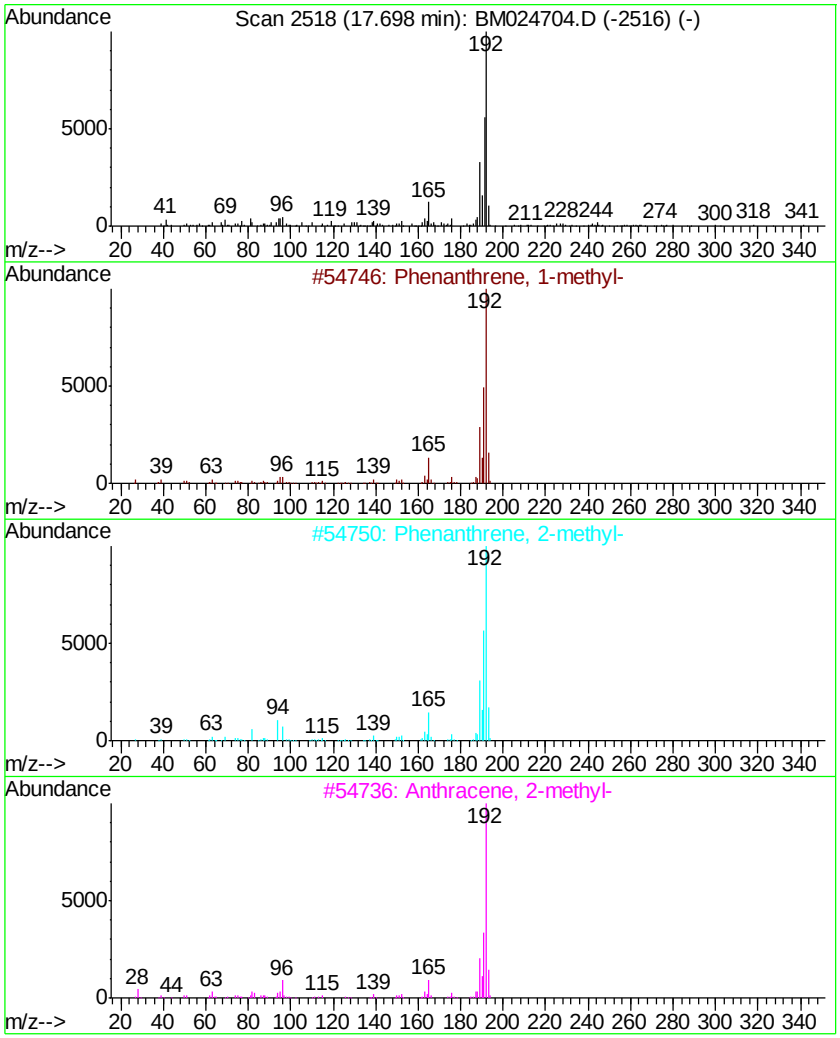
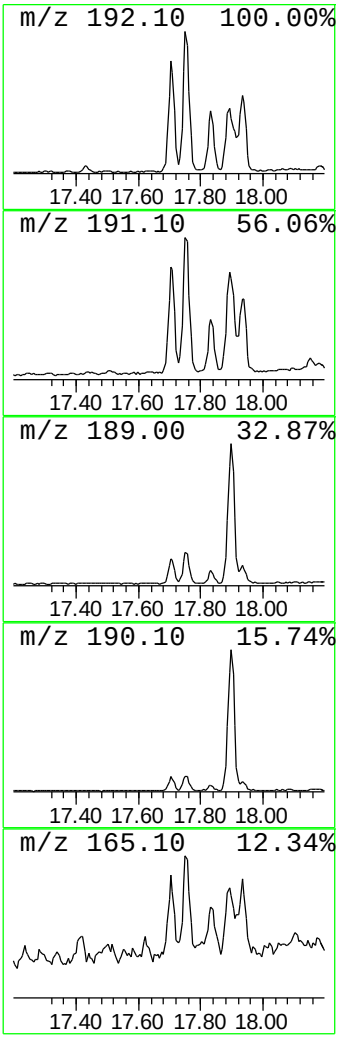
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.19 ng	321692	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

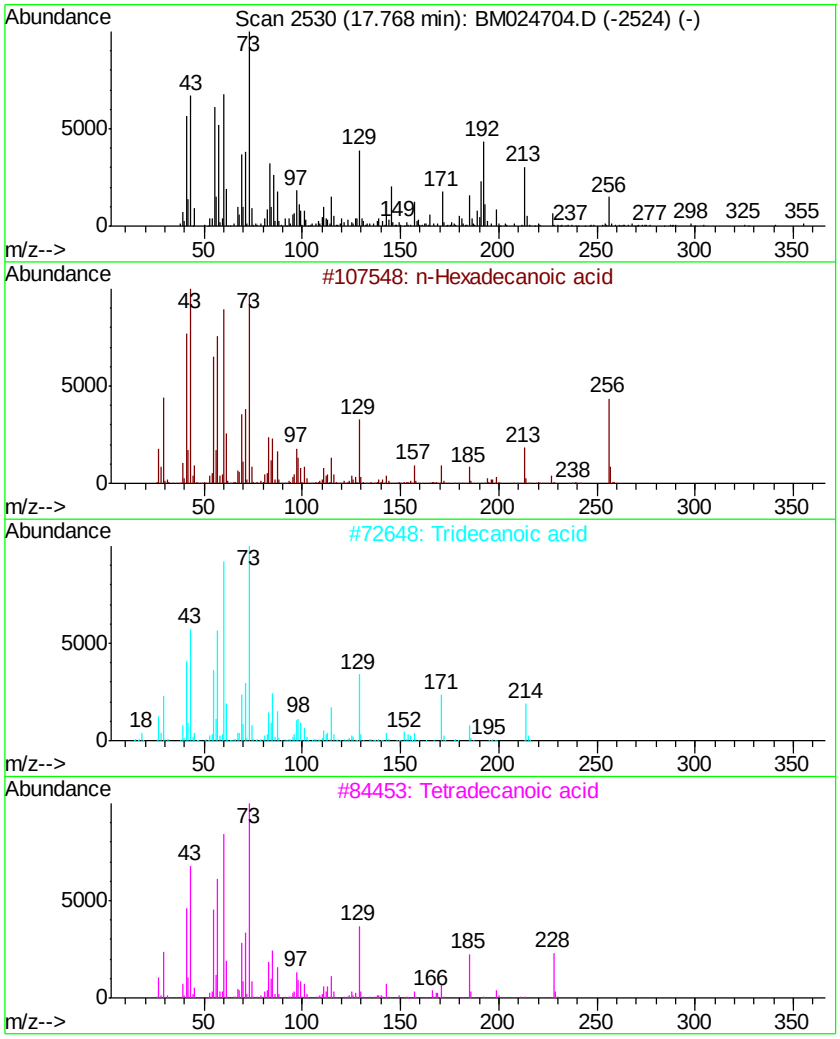
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

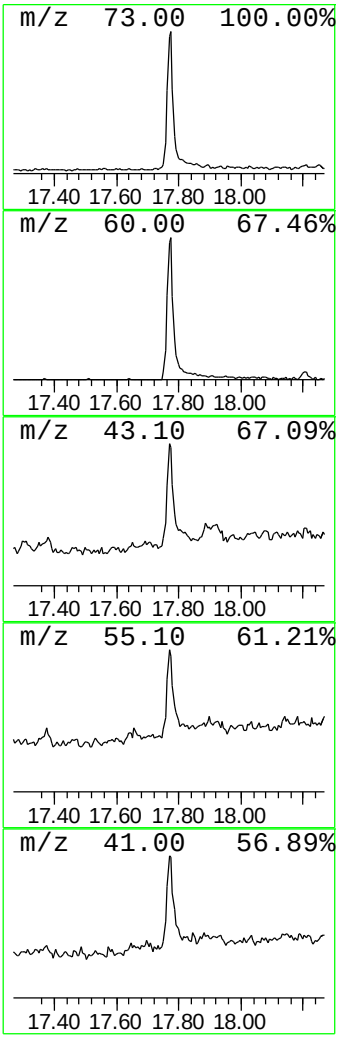
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	7.89 ng	1158640	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Octadecanoic acid	284	C18H36O2	000057-11-4	49





Library Search Compound Report

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Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

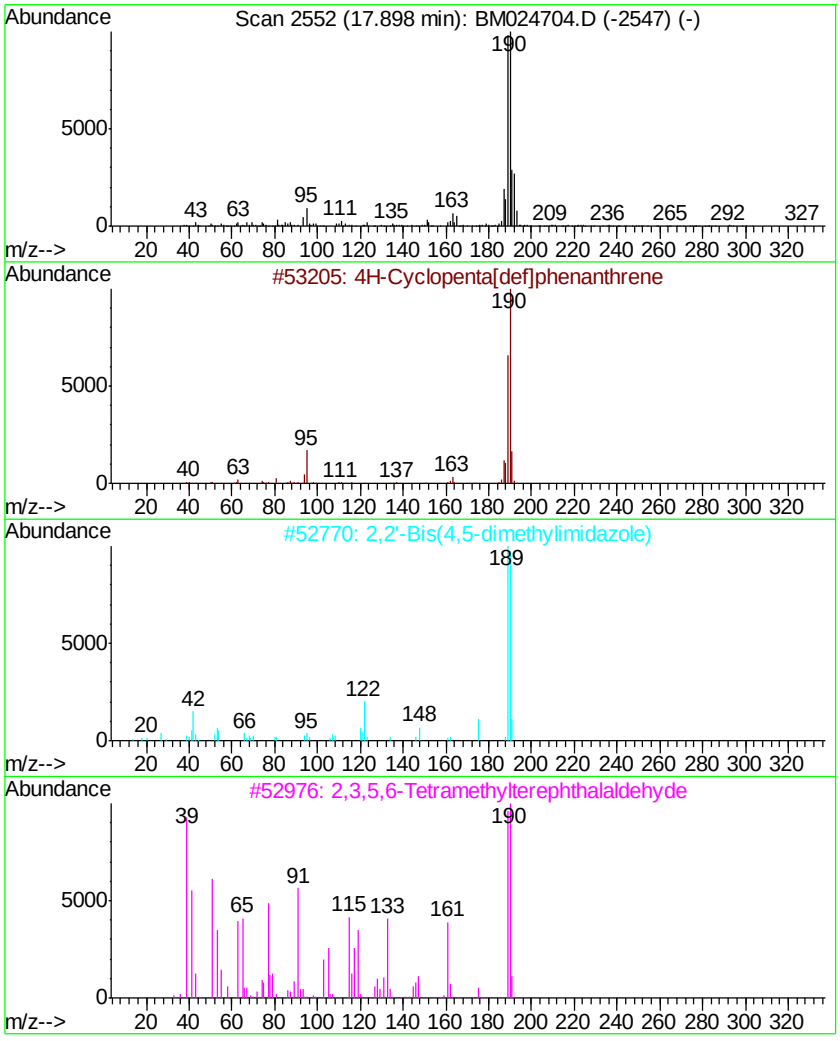
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

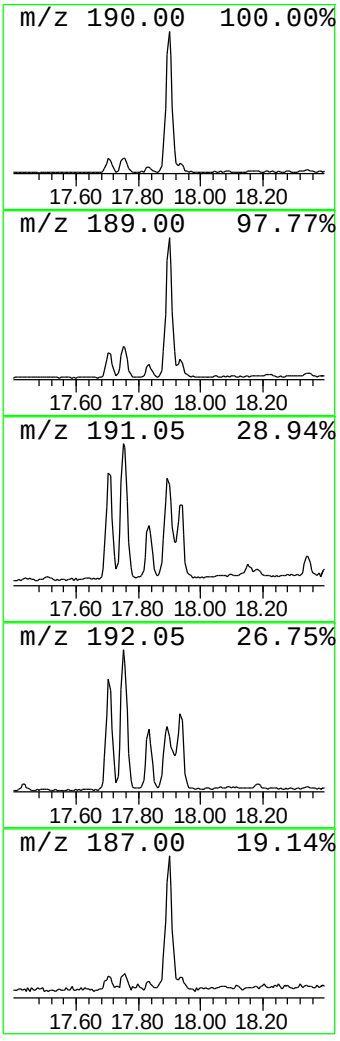
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.00 ng	1026930	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

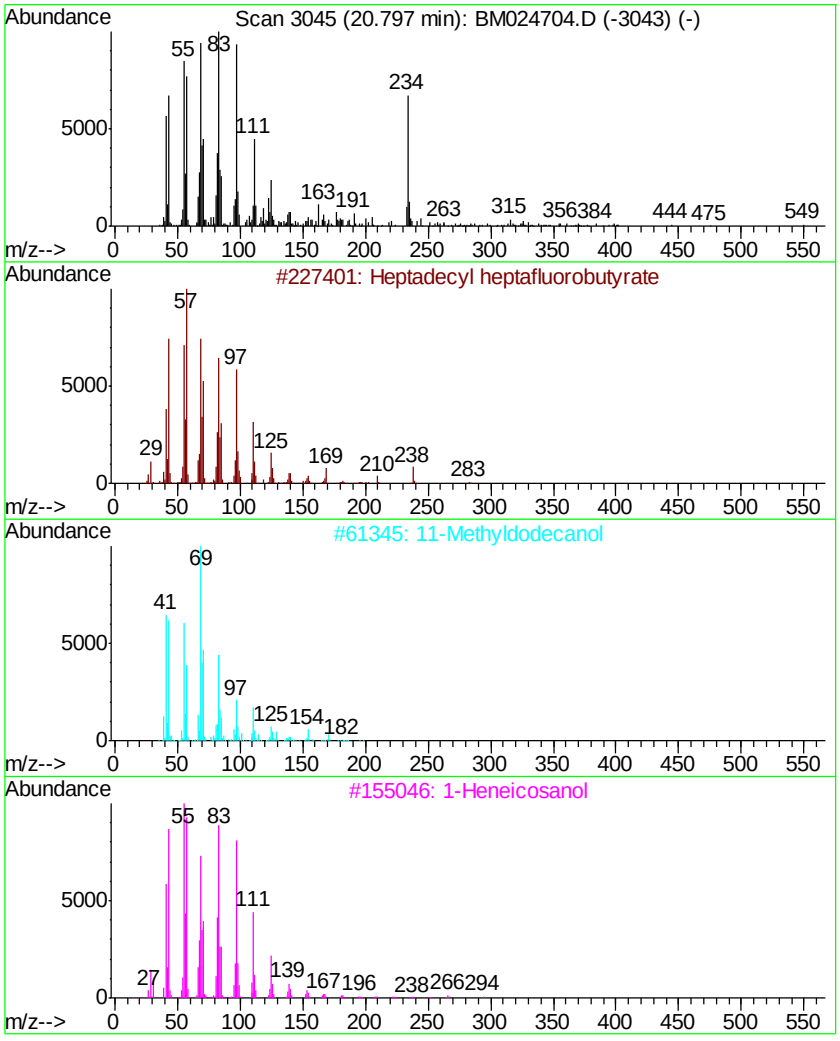
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

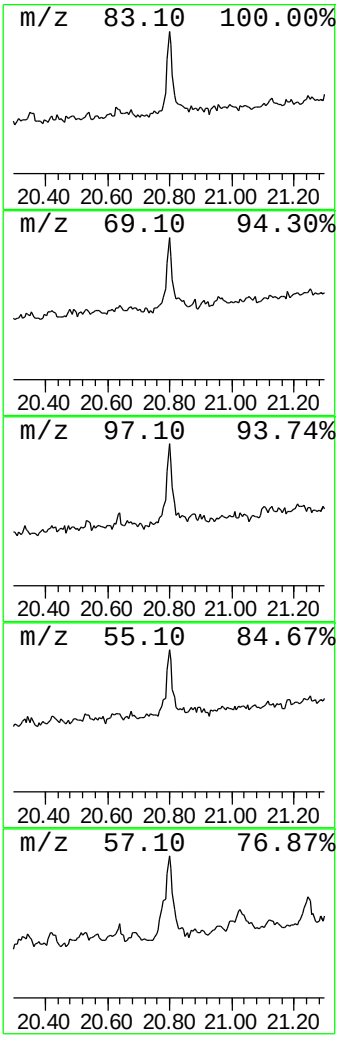
****

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.12 ng	1625440	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
2	11-Methyldodecanol	200	C13H28O	085763-57-1	58
3	1-Heneicosanol	312	C21H44O	015594-90-8	58
4	1-Nonadecene	266	C19H38	018435-45-5	58
5	1-Hexadecanol	242	C16H34O	036653-82-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020320\
Data File : BM024704.D
Acq On : 03 Feb 2020 18:12
Operator : CG/JU
Sample : L1351-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TAL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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
Decane, 2,3,5,8-t...	7.09	2.2	ng	160575	1	7.42	1483080	20.0
Undecane	8.67	2.1	ng	156632	1	7.42	1483080	20.0
Phenanthrene, 1-m...	17.70	2.2	ng	321692	4	16.83	2936040	20.0
n-Hexadecanoic acid	17.77	7.9	ng	1158640	4	16.83	2936040	20.0
4H-Cyclopenta[def...	17.90	7.0	ng	1026930	4	16.83	2936040	20.0
Heptadecyl heptaf...	20.80	4.1	ng	1625440	5	21.04	7880940	20.0