LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028549.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.404	202	207	214	rBV	20762	28166	2.53%	0.300%
2	5.040	307	315	321	rBV	9160	14211	1.28%	0.151%
3	5.516	390	396	407	rVB	488625	696163	62.60%	7.407%
4	7.151	666	674	685	rBV	468398	733140	65.92%	7.801%
5	7.987	807	816	823	rBV	126093	194910	17.53%	2.074%
6	9.163	1009	1016	1023	rBV	295670	474004	42.62%	5.043%
7	10.804	1289	1295	1302	rVB	163385	264778	23.81%	2.817%
8	12.204	1527	1533	1539	rVB2	10837	16003	1.44%	0.170%
9	13.257	1704	1712	1718	rBV	708415	973105	87.50%	10.354%
10	13.445	1739	1744	1751	rVB	25969	34001	3.06%	0.362%
11	13.521	1751	1757	1762	rBV	62018	93439	8.40%	0.994%
12	14.086	1845	1853	1859	rBV2	24796	44917	4.04%	0.478%
13	14.516	1920	1926	1931	rBV	52864	66347	5.97%	0.706%
14	14.633	1940	1946	1953	rVB	218852	314534	28.28%	3.347%
15	14.951	1995	2000	2006	rBV6	5080	12340	1.11%	0.131%
16	15.015	2007	2011	2016	rVV4	6436	12034	1.08%	0.128%
17	15.127	2023	2030	2037	rBV5	11907	21732	1.95%	0.231%
18	15.463	2082	2087	2091	rVB	90618	109417	9.84%	1.164%
19	15.733	2129	2133	2145	rVB	21967	36050	3.24%	0.384%
20	15.862	2147	2155	2160	rBV	35076	66375	5.97%	0.706%
21	16.015	2177	2181	2187	rBV4	9435	17873	1.61%	0.190%
22	16.110	2192	2197	2204	rVB	452845	640913	57.63%	6.819%
23	16.315	2227	2232	2241	rBV	117867	230619	20.74%	2.454%
24	16.657	2286	2290	2293	rBV2	11159	16864	1.52%	0.179%
25	16.821	2315	2318	2322	rVB	10826	11935	1.07%	0.127%
26	16.892	2325	2330	2333	rBV2	14115	19038	1.71%	0.203%
27	17.104	2361	2366	2370	rBV	120796	140635	12.65%	1.496%
28	17.157	2370	2375	2379	rVB	50591	68834	6.19%	0.732%
29	17.362	2404	2410	2415	rBV	234790	341028	30.66%	3.629%
30	17.404	2415	2417	2422	rVB2	11290	14493	1.30%	0.154%
31	17.574	2443	2446	2453	rVB2	13008	17583	1.58%	0.187%
32	17.639	2453	2457	2464	rBV4	13592	28802	2.59%	0.306%
33	17.756	2474	2477	2482	rVB2	13514	18041	1.62%	0.192%
34	17.839	2486	2491	2497	rVB	104562	132812	11.94%	1.413%
35	18.115	2535	2538	2542	rBV5	8693	14491	1.30%	0.154%
36	18.239	2553	2559	2563	rBV	146779	208185	18.72%	2.215%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.521	2603	2607	2612	rBV	93782	112250	10.09%	1.194%
38	18.980	2682	2685	2689	rVB2	12705	16155	1.45%	0.172%
39	19.092	2701	2704	2708	rVB4	8771	11751	1.06%	0.125%
40	19.151	2709	2714	2721	rBV	84159	107322	9.65%	1.142%
41	19.398	2751	2756	2762	rVB2	34882	59328	5.33%	0.631%
42	19.498	2769	2773	2782	rBV	64095	101041	9.09%	1.075%
43	19.721	2807	2811	2814	rBV	58248	64412	5.79%	0.685%
44	19.768	2814	2819	2829	rVV	346774	492852	44.32%	5.244%
45	19.956	2845	2851	2856	rVB	906673	1112147	100.00%	11.833%
46	20.250	2898	2901	2905	rVB	44779	49159	4.42%	0.523%
47	20.697	2973	2977	2981	rBV	107206	116982	10.52%	1.245%
48	20.739	2981	2984	2988	rVB	28700	30682	2.76%	0.326%
49	21.197	3057	3062	3071	rVB	183638	241303	21.70%	2.567%
50	21.392	3092	3095	3099	rVB	44779	49631	4.46%	0.528%
51	21.492	3107	3112	3117	rBV	280102	362448	32.59%	3.856%
52	23.762	3492	3498	3506	rVB2	187075	343101	30.85%	3.651%

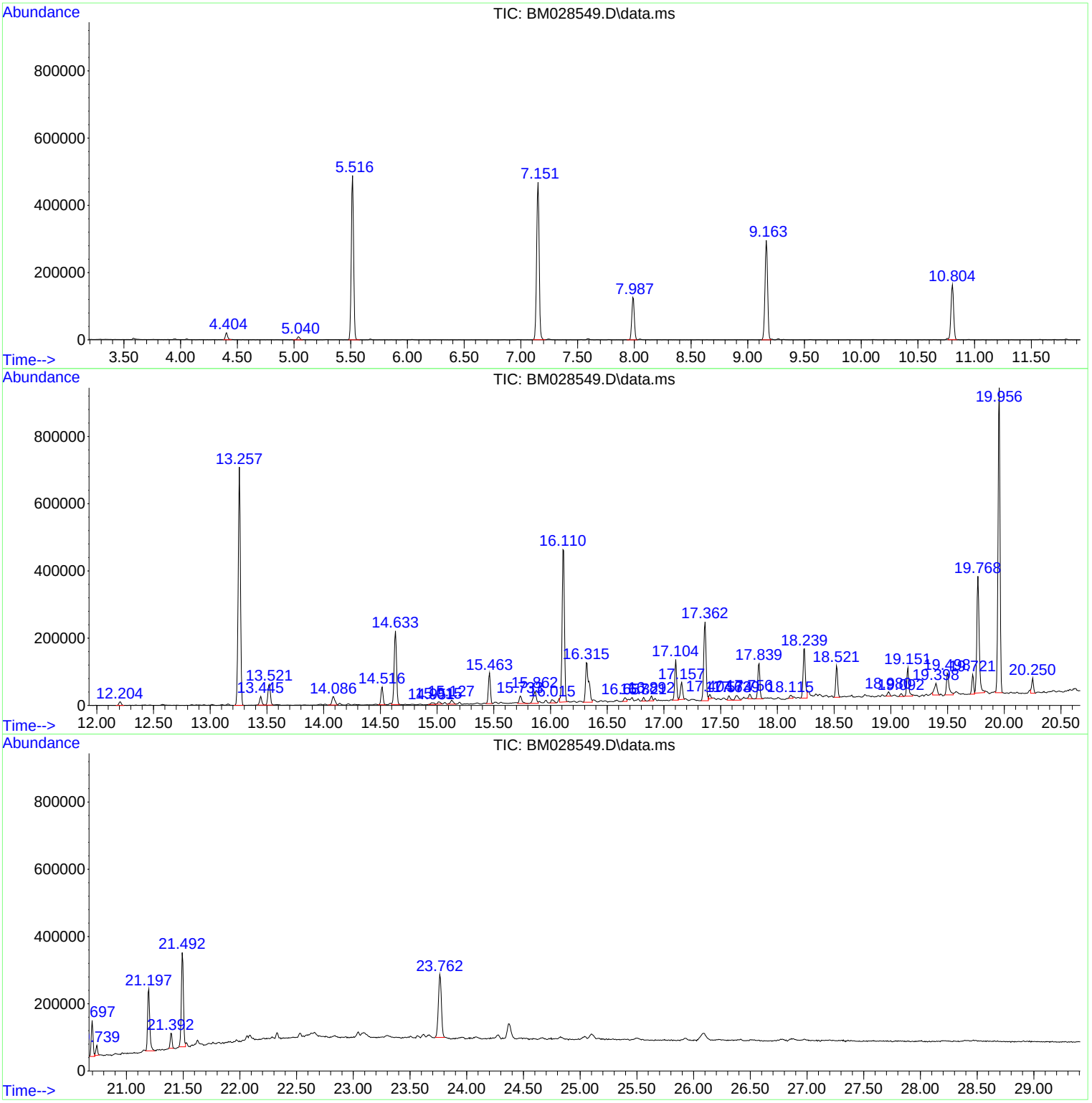
Sum of corrected areas: 9398376

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

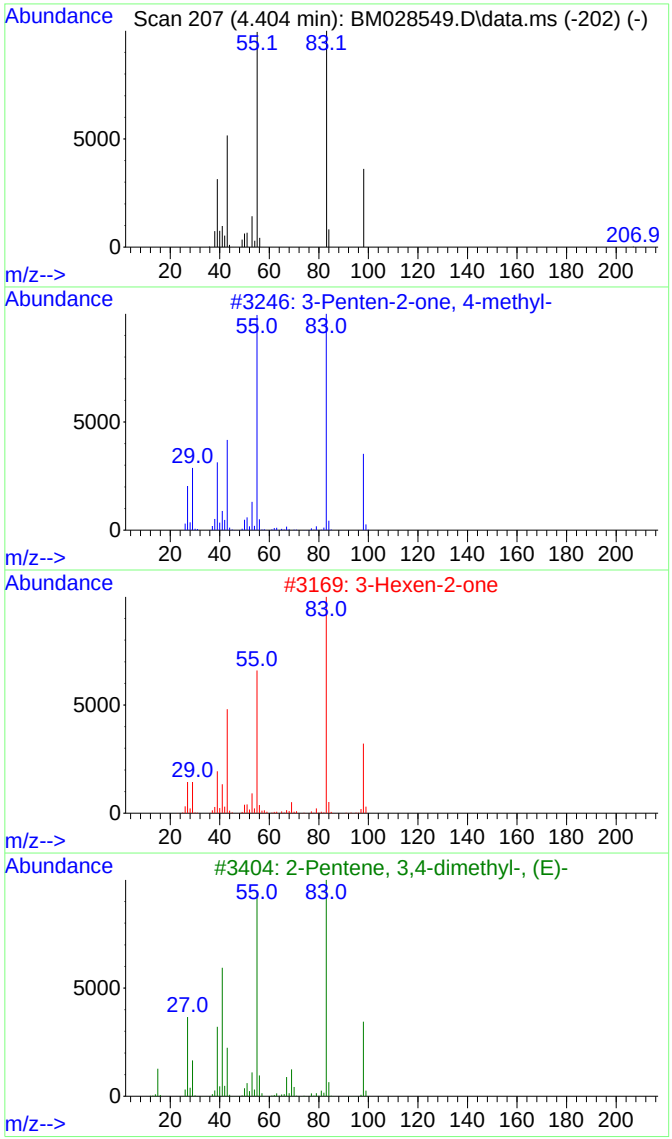
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

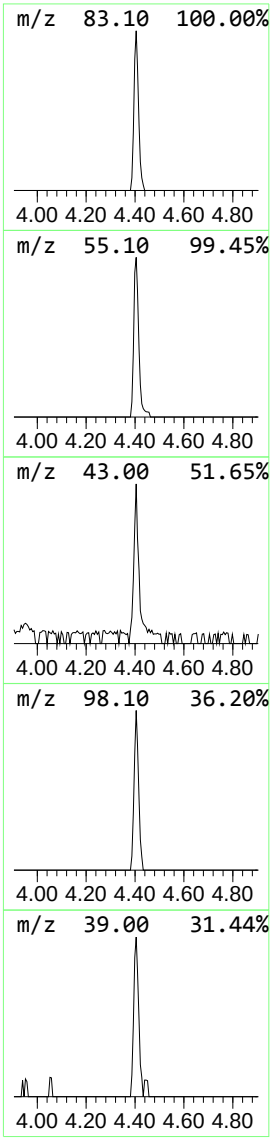
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.404	2.89 ng	28166	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

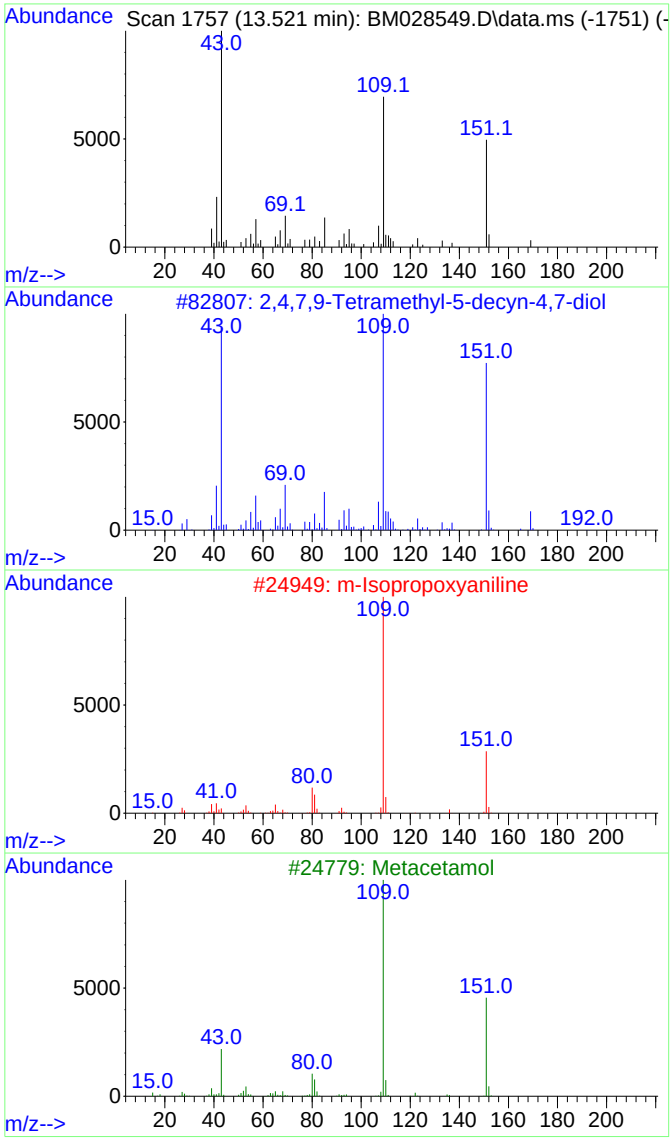
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

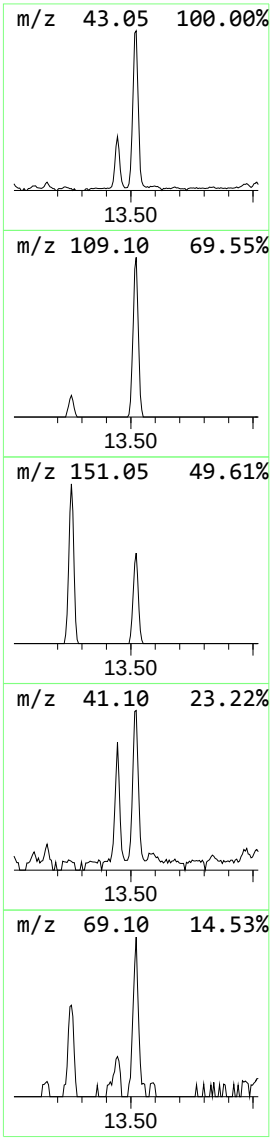
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.522	5.94 ng	93439	Acenaphthene-d10	14.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	35
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

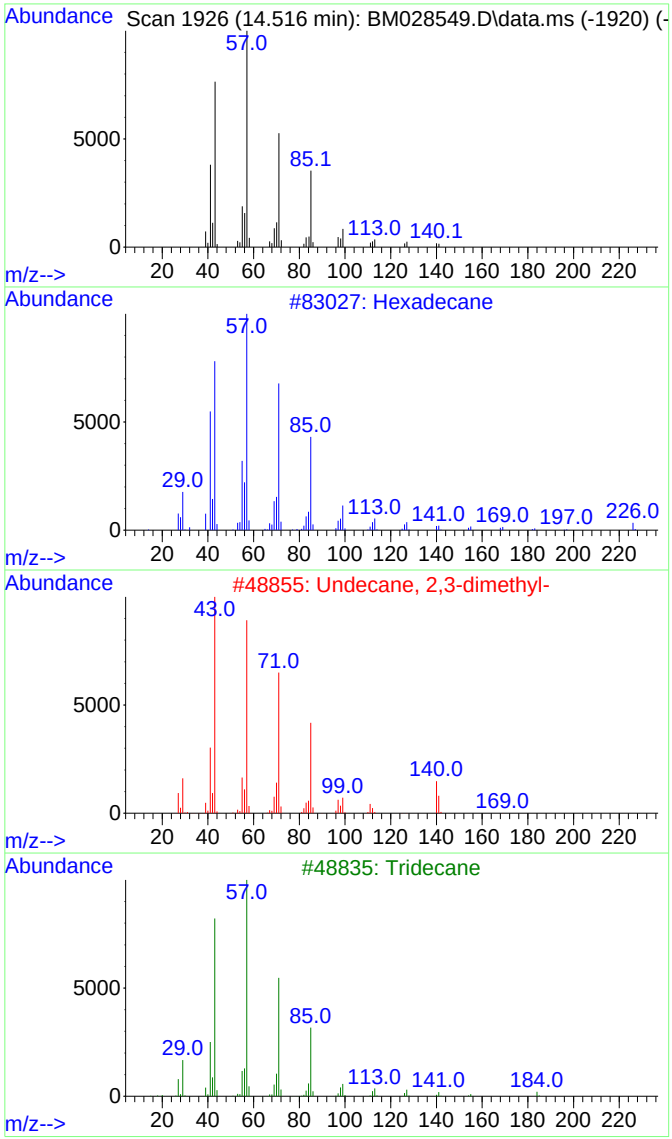
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

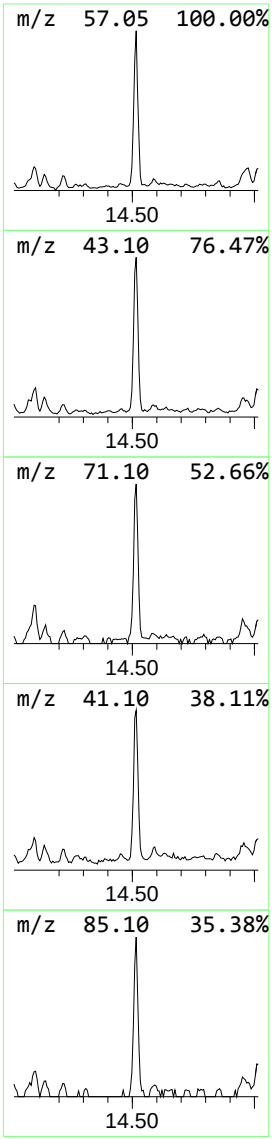
****

Peak Number 3 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.515	4.22 ng	66347	Acenaphthene-d10	14.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

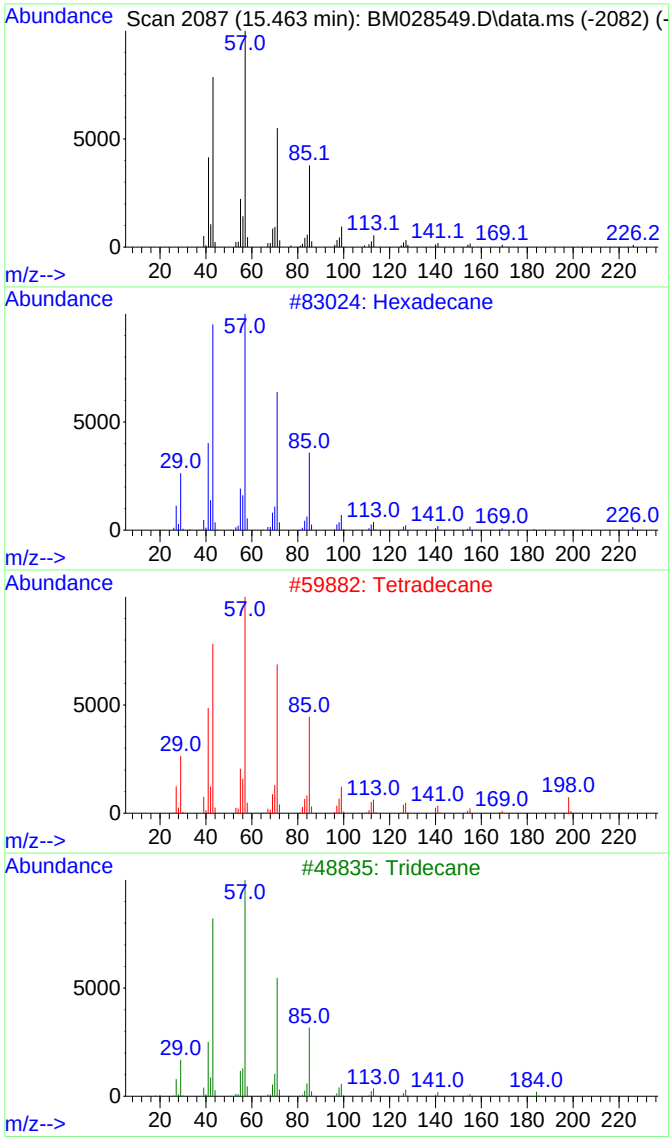
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

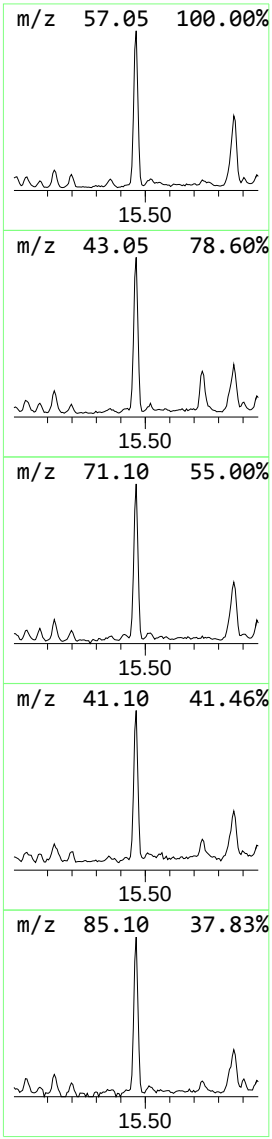
****

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	6.96 ng	109417	Acenaphthene-d10	14.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Dodecane	170	C12H26	000112-40-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

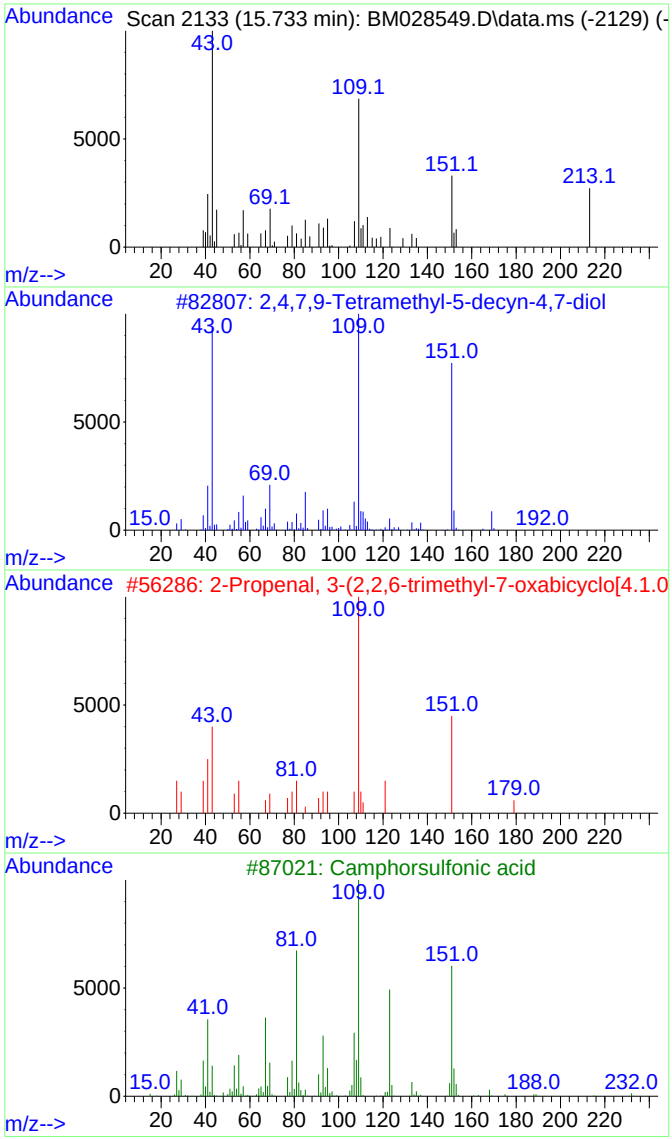
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

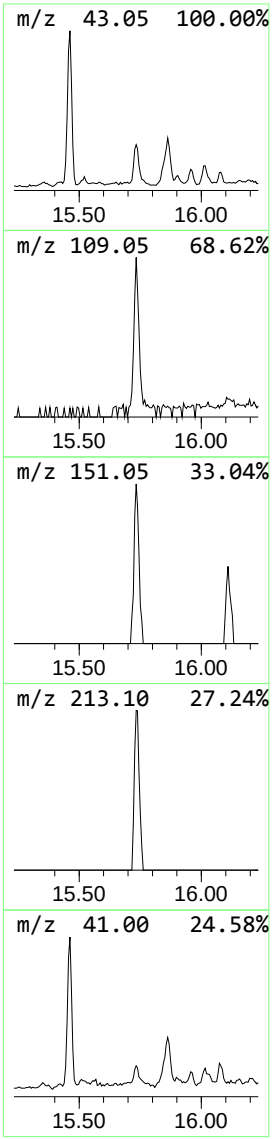
****

Peak Number 5 unknown15.733 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	2.29 ng	36050	Acenaphthene-d10	14.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	59
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	47
3	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	37
4	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	35
5	Acetaminophen	151	C8H9NO2	000103-90-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

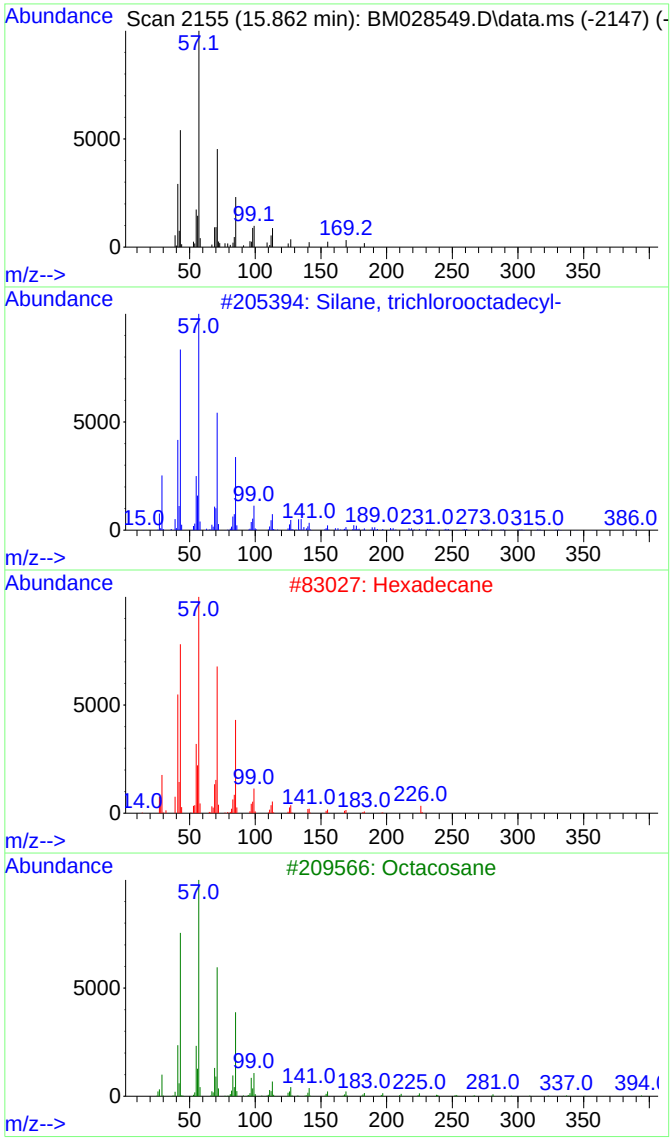
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

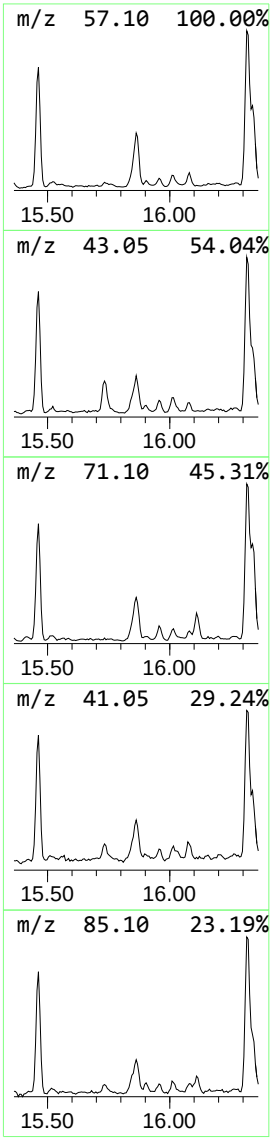
****

Peak Number 6 Silane, trichlorooctadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.863	4.22 ng	66375	Acenaphthene-d10	14.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

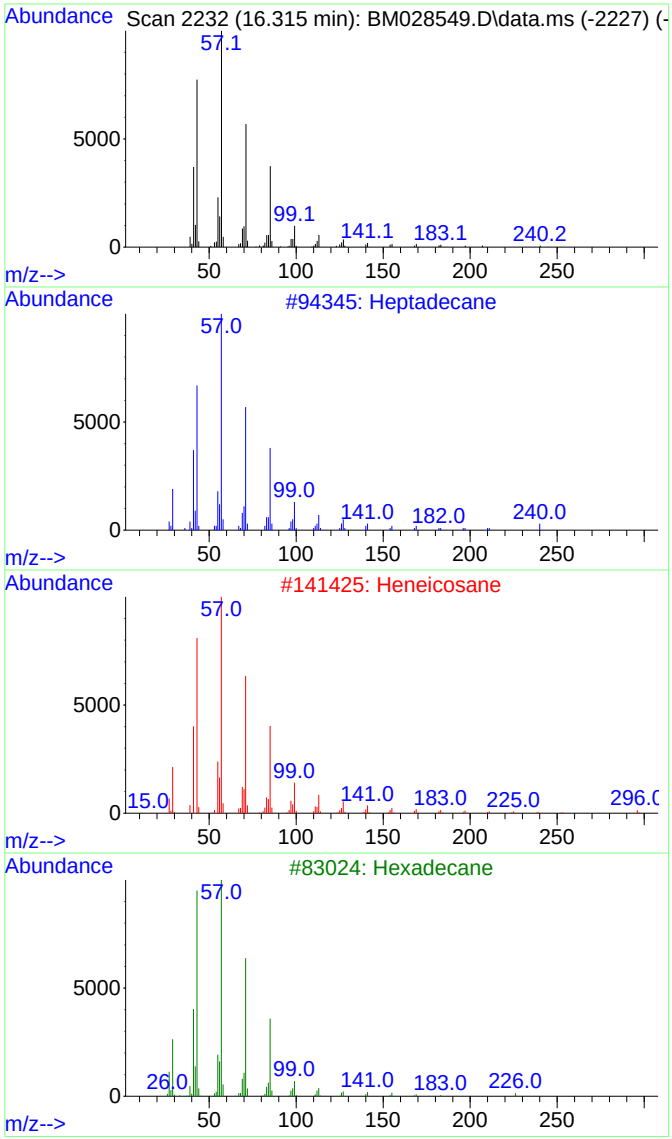
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

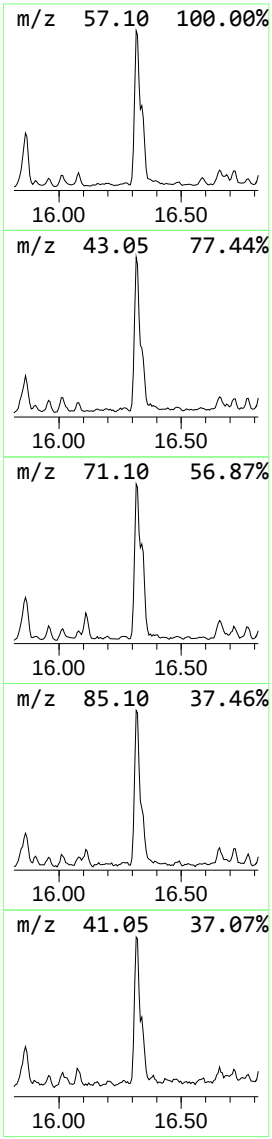
****

Peak Number 7 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.315	13.52 ng	230619	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

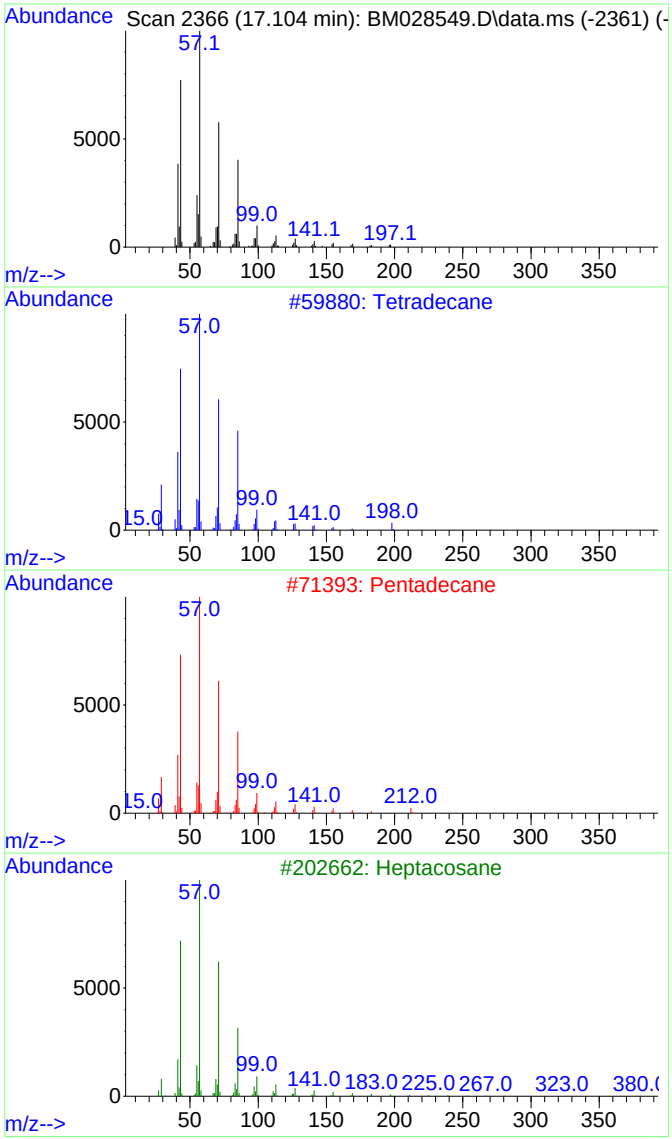
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

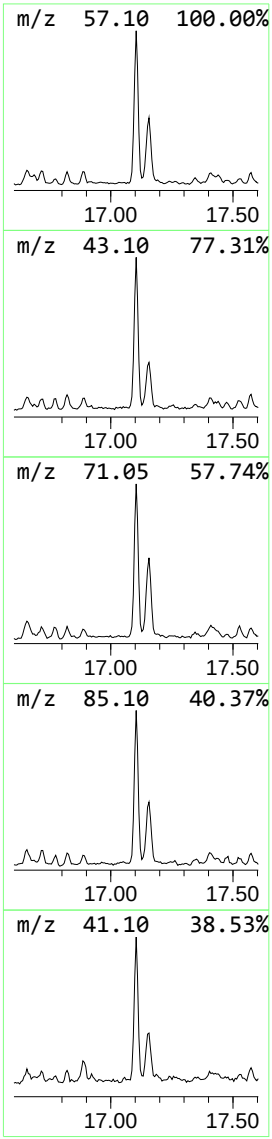
****

Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	8.25 ng	140635	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

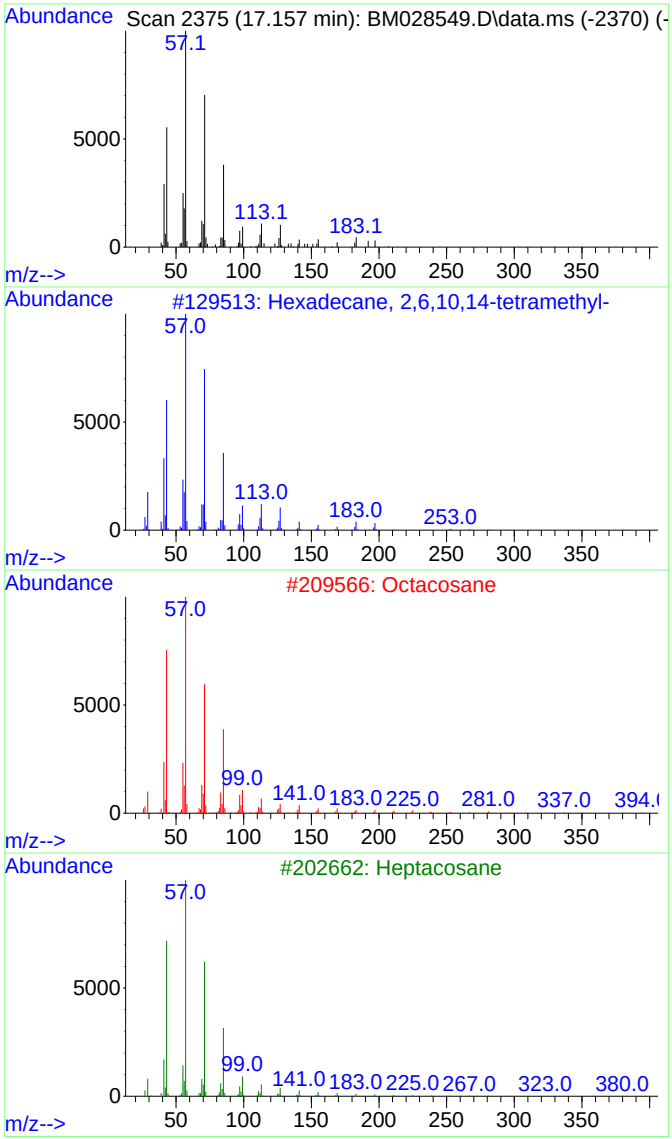
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

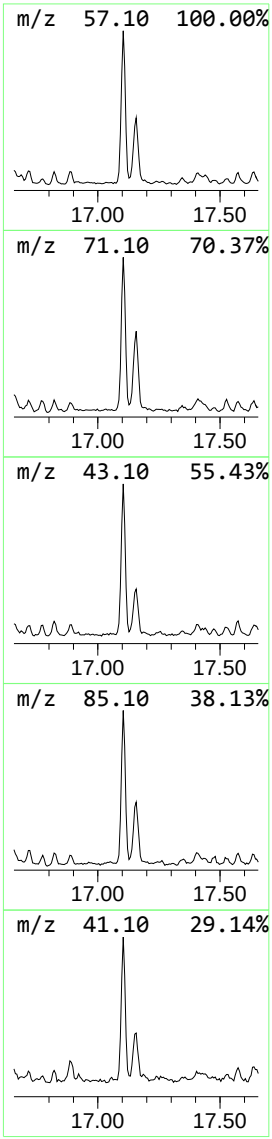
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	4.04 ng	68834	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Octacosane	394	C28H58	000630-02-4	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

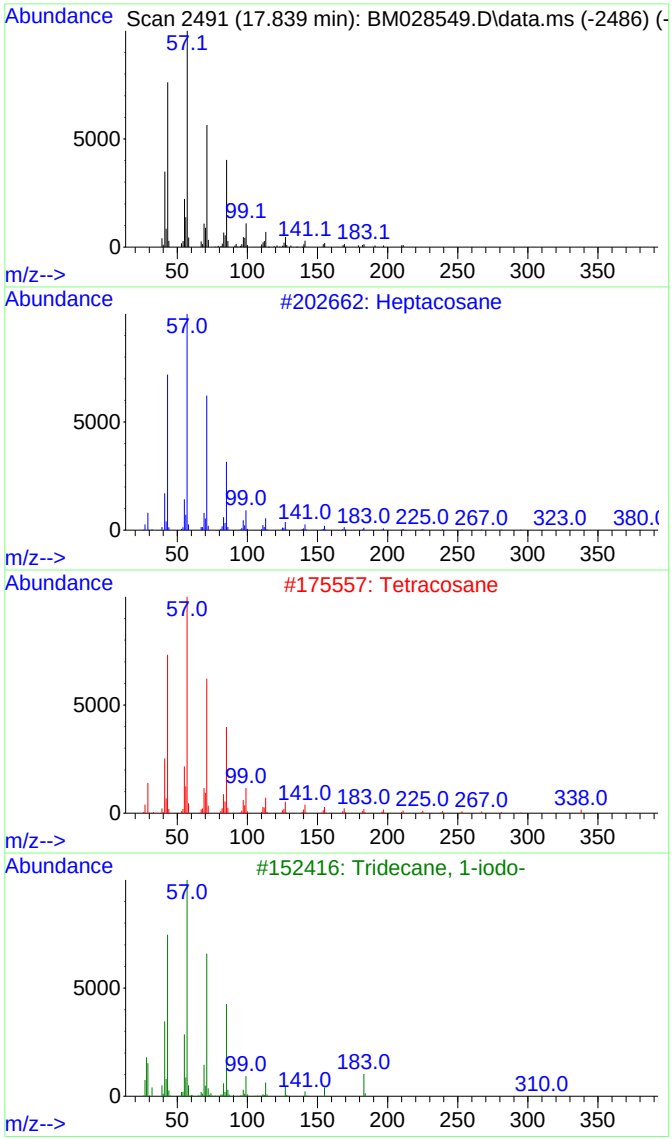
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

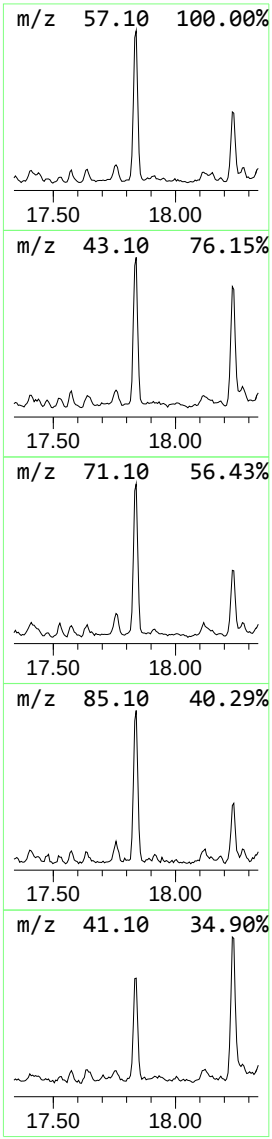
****

Peak Number 10 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	7.79 ng	132812	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

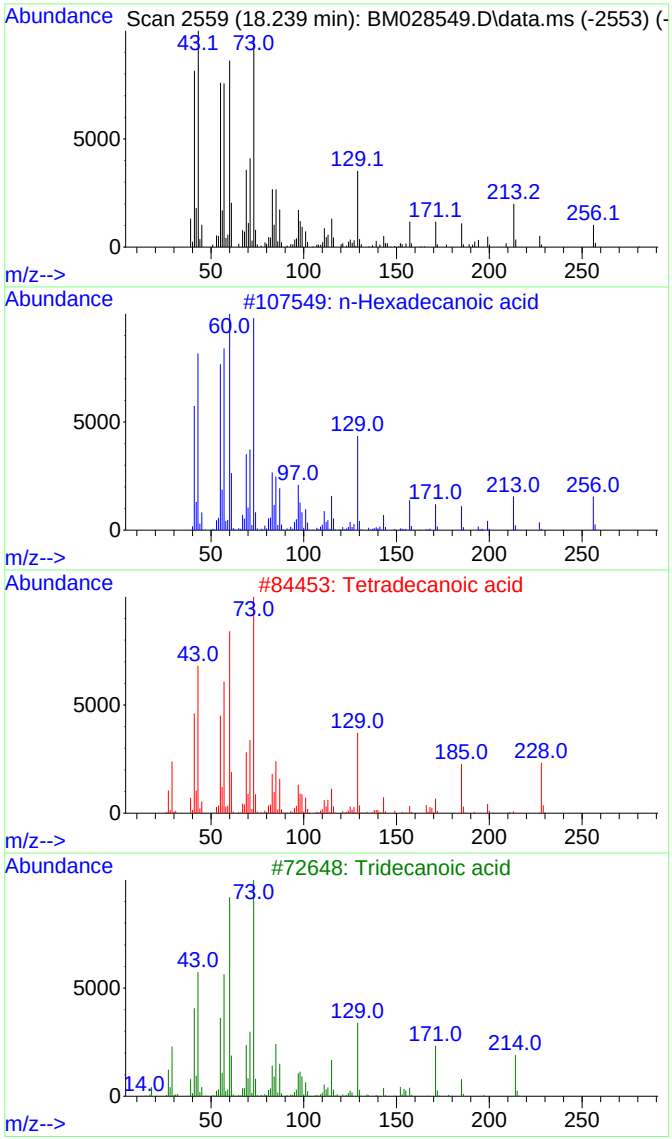
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

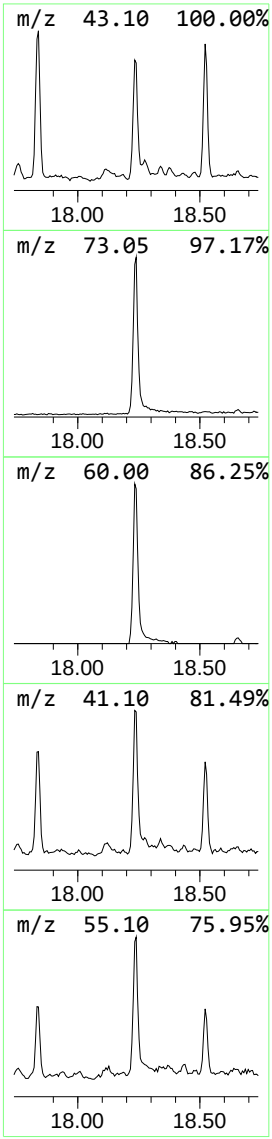
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	12.21 ng	208185	Phenanthrene-d10	17.362

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	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

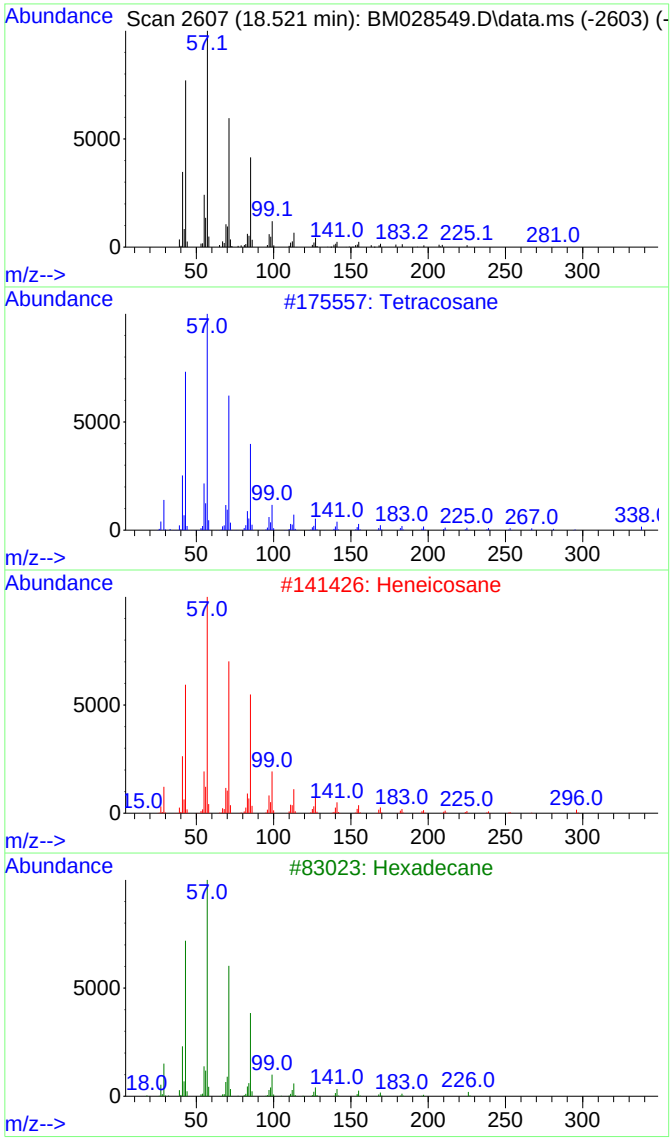
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

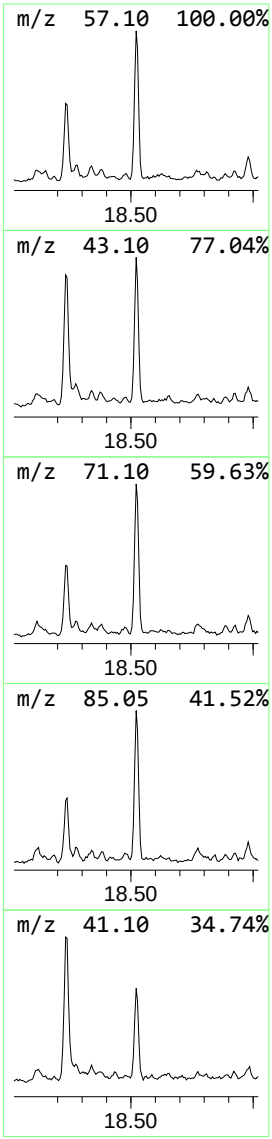
****

Peak Number 12 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	6.58 ng	112250	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-105

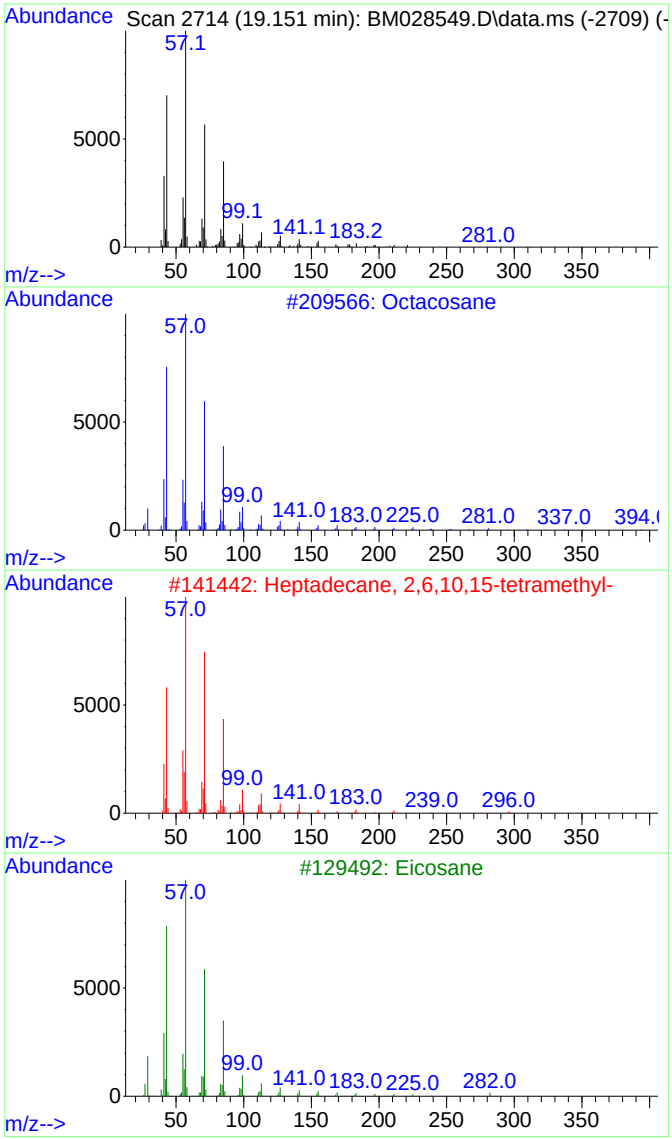
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

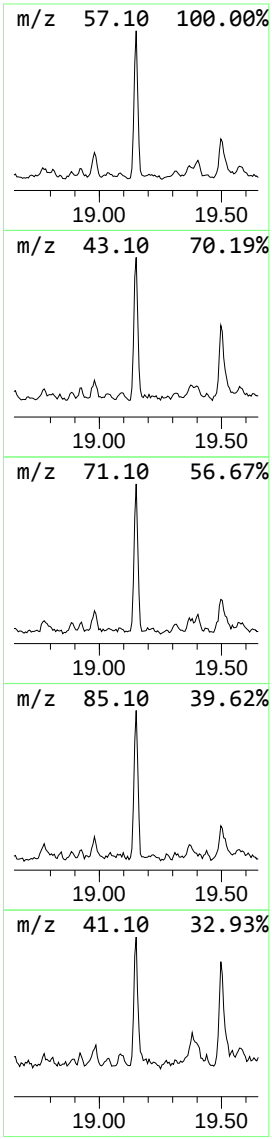
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	6.29 ng	107322	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

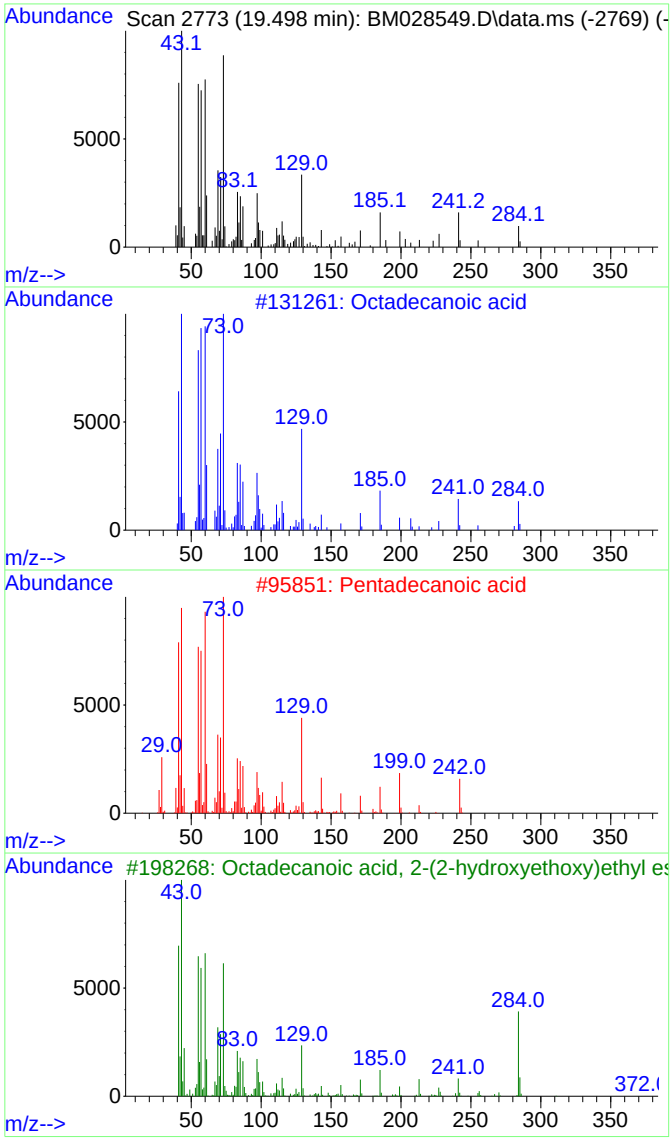
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

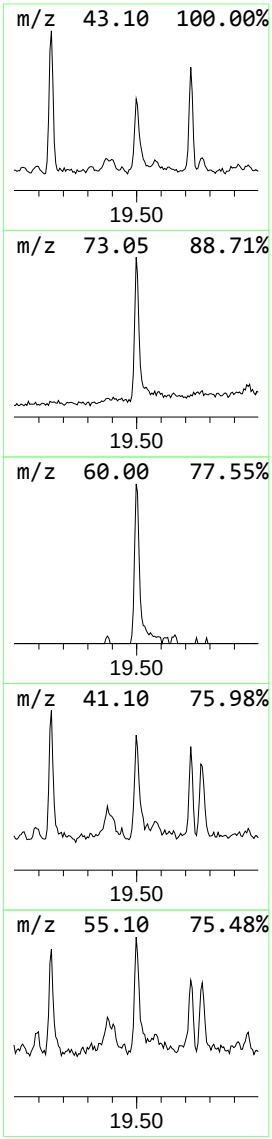
****

Peak Number 15 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.497	5.58 ng	101041	Chrysene-d12	21.491

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	95
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

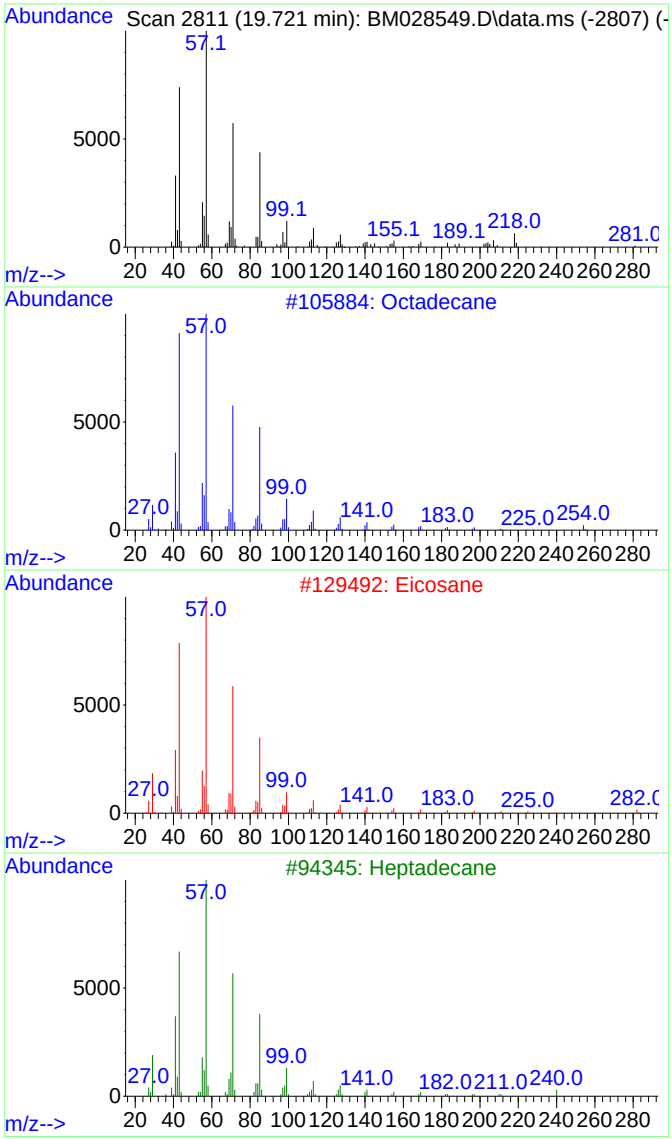
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

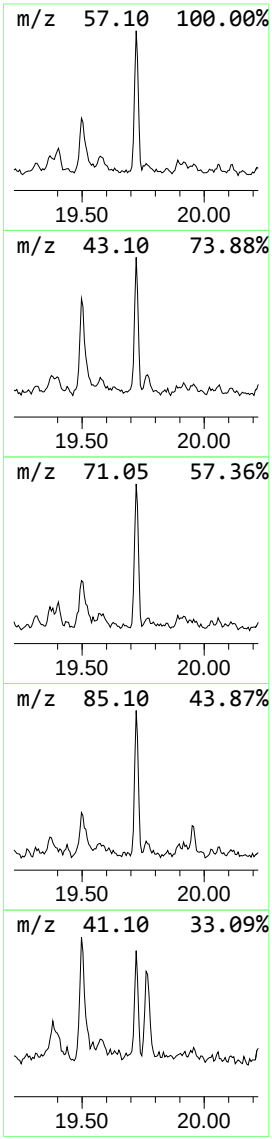
****

Peak Number 16 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	3.55 ng	64412	Chrysene-d12	21.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

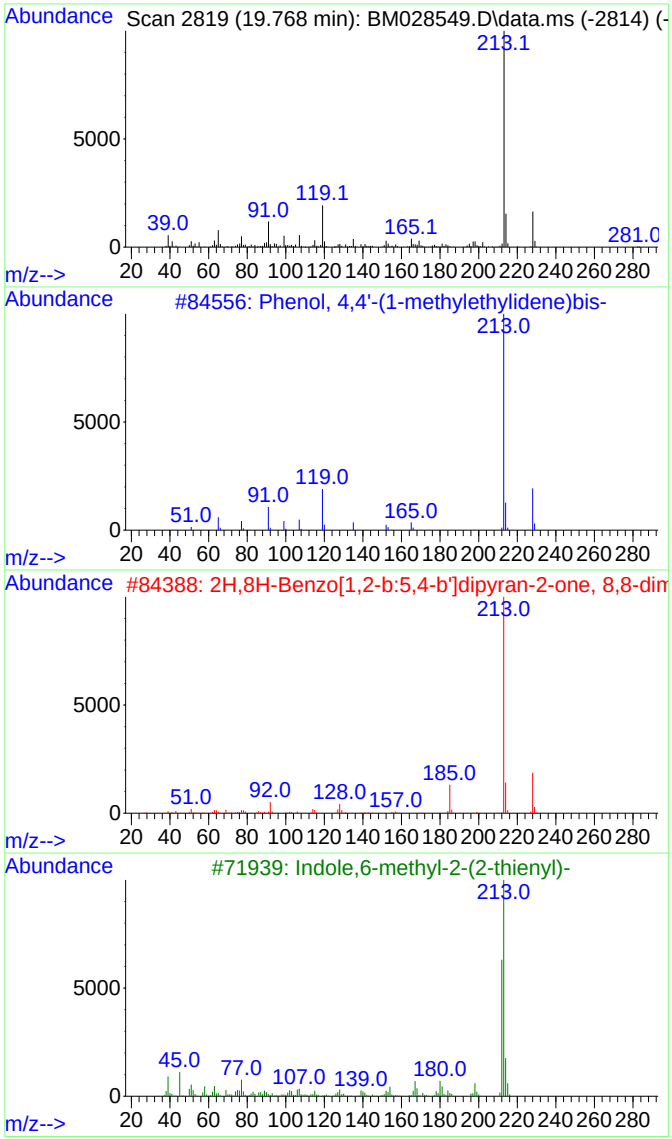
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

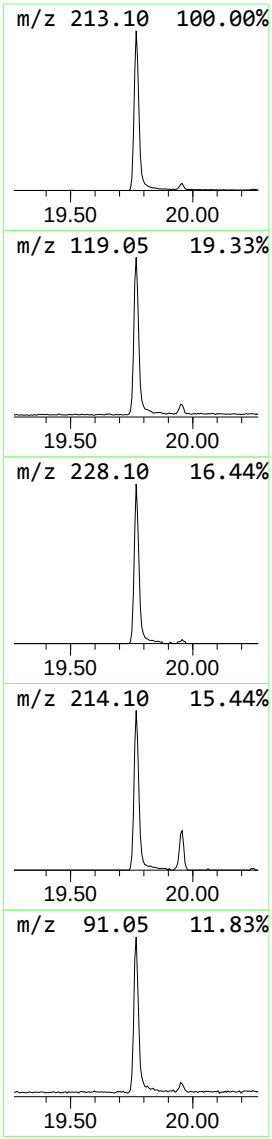
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.768	27.20 ng	492852	Chrysene-d12	21.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53
3	Indole,6-methyl-2-(2-thienyl)-	213	C13H11NS	296245-70-0	52
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

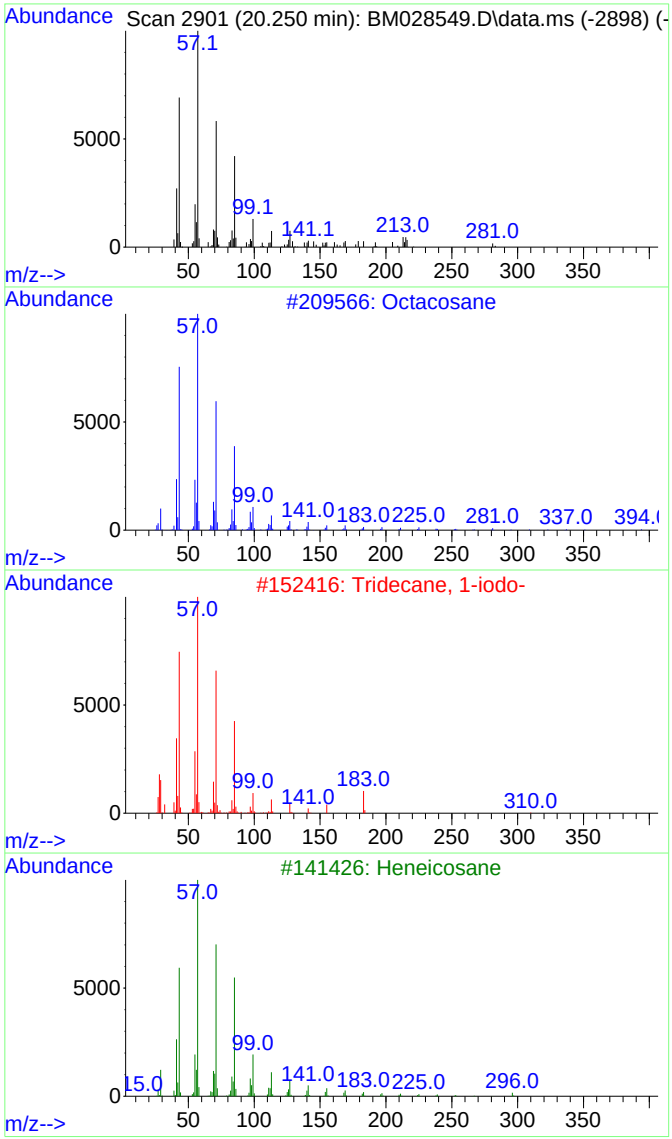
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

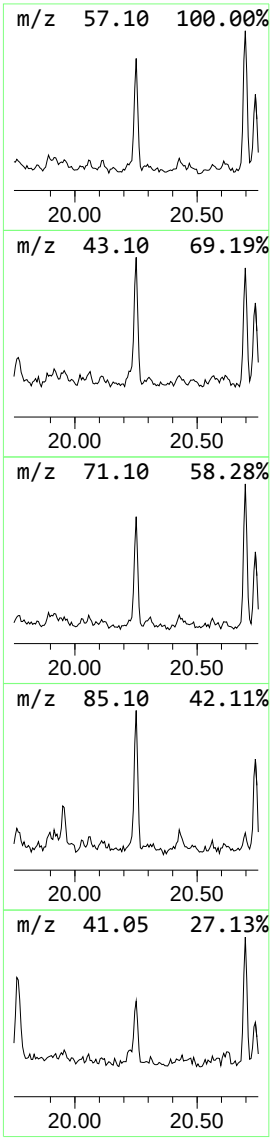
****

Peak Number 18 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.250	2.71 ng	49159	Chrysene-d12	21.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	80
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

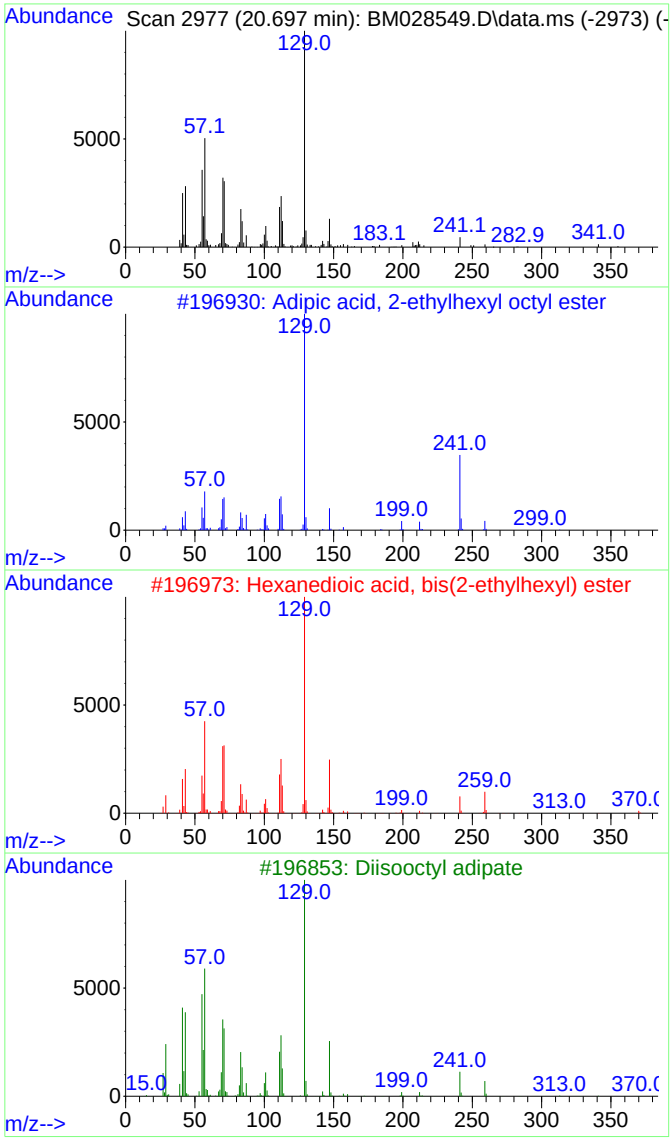
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

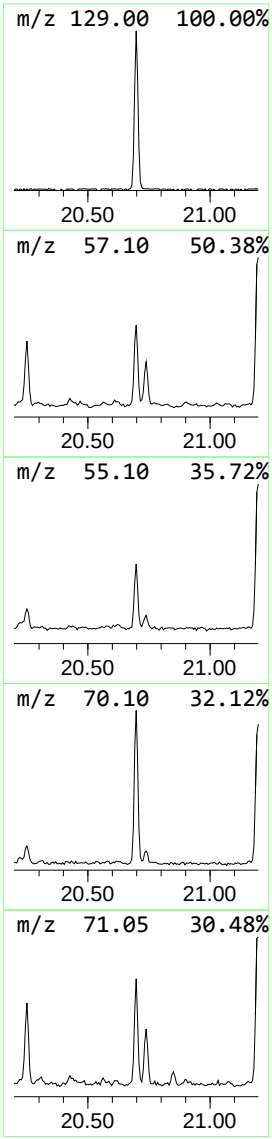
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Adipic acid, 2-ethylhexyl o... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.698	6.46 ng	116982	Chrysene-d12	21.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	87
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

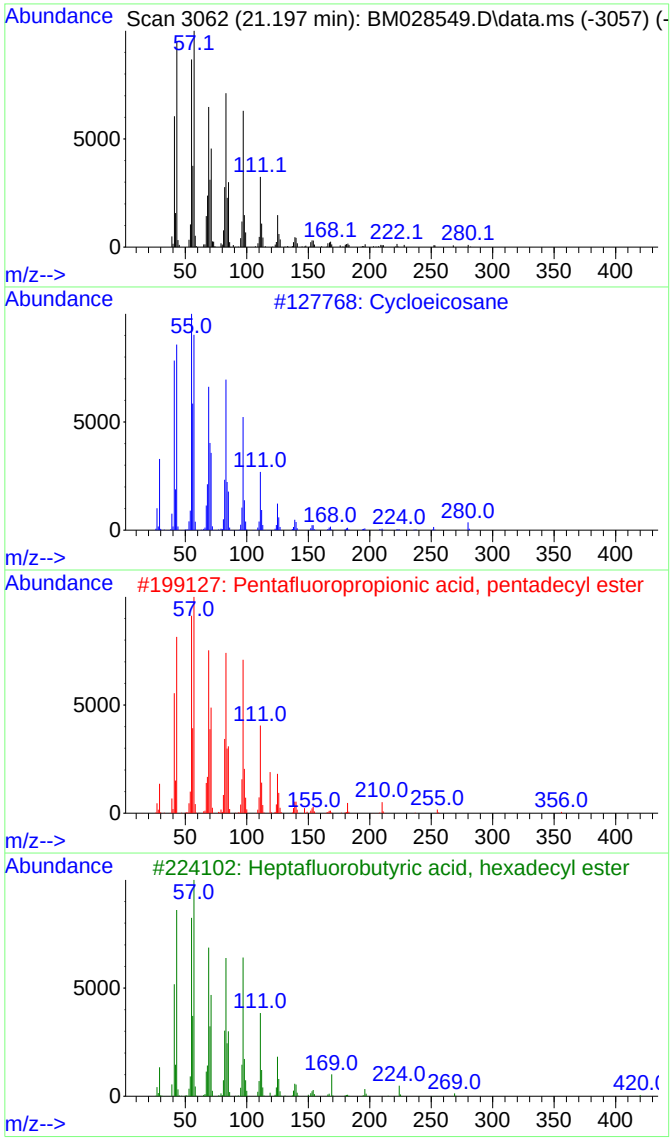
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

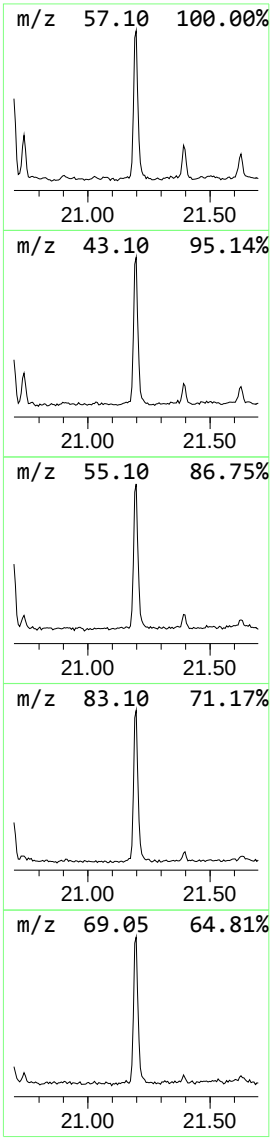
****

Peak Number 20 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.197	13.32 ng	241303	Chrysene-d12	21.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028549.D
Acq On : 26 Jan 2021 20:09
Operator : CG/JU
Sample : M1216-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-105

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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
3-Penten-2-one,...	4.404	2.9	ng	28166	1	7.992	194910	20.0
2,4,7,9-Tetrame...	13.522	5.9	ng	93439	3	14.633	314534	20.0
Hexadecane	14.515	4.2	ng	66347	3	14.633	314534	20.0
Tetradecane	15.463	7.0	ng	109417	3	14.633	314534	20.0
unknown15.733	15.733	2.3	ng	36050	3	14.633	314534	20.0
Silane, trichlo...	15.863	4.2	ng	66375	3	14.633	314534	20.0
Heptadecane	16.315	13.5	ng	230619	4	17.362	341028	20.0
Pentadecane	17.104	8.3	ng	140635	4	17.362	341028	20.0
Hexadecane, 2,6...	17.157	4.0	ng	68834	4	17.362	341028	20.0
Heptacosane	17.839	7.8	ng	132812	4	17.362	341028	20.0
n-Hexadecanoic ...	18.239	12.2	ng	208185	4	17.362	341028	20.0
Tetracosane	18.521	6.6	ng	112250	4	17.362	341028	20.0
Heptadecane, 2,...	19.151	6.3	ng	107322	4	17.362	341028	20.0
Octadecanoic acid	19.497	5.6	ng	101041	5	21.491	362448	20.0
Octadecane	19.721	3.5	ng	64412	5	21.491	362448	20.0
Phenol, 4,4'-(1...	19.768	27.2	ng	492852	5	21.491	362448	20.0
Octacosane	20.250	2.7	ng	49159	5	21.491	362448	20.0
Adipic acid, 2-...	20.698	6.5	ng	116982	5	21.491	362448	20.0
Cycloeicosane	21.197	13.3	ng	241303	5	21.491	362448	20.0