

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123609.D
 Acq On : 17 Apr 2021 00:32
 Operator : JU/CG
 Sample : M2048-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0-2.0

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-BF041521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	5	13	21	rVB	3324503	4406742	52.44%	7.966%
2	5.504	576	581	584	rBV	9019832	8029990	95.56%	14.515%
3	6.510	747	752	755	rBV	7940709	8403520	100.00%	15.191%
4	6.869	810	813	816	rBV	2117966	1632172	19.42%	2.950%
5	7.434	903	909	912	rBV	5526344	5356182	63.74%	9.682%
6	8.157	1027	1032	1035	rBV	2316195	2101784	25.01%	3.799%
7	9.234	1210	1215	1218	rBV	8266285	7722180	91.89%	13.959%
8	9.628	1279	1282	1286	rBV	189826	166677	1.98%	0.301%
9	9.916	1327	1331	1334	rBV	2674200	2078011	24.73%	3.756%
10	10.704	1461	1465	1469	rBV	4592229	4270775	50.82%	7.720%
11	11.404	1580	1584	1587	rBV	2305780	1880299	22.38%	3.399%
12	11.933	1671	1674	1681	rBV2	267677	251236	2.99%	0.454%
13	12.622	1787	1791	1794	rBV	159862	148459	1.77%	0.268%
14	12.845	1825	1829	1832	rBV	117868	119012	1.42%	0.215%
15	12.998	1850	1855	1858	rBV	5532376	4711323	56.06%	8.516%
16	13.227	1891	1894	1899	rBV2	88325	100976	1.20%	0.183%
17	13.910	2006	2010	2019	rBV2	495242	927355	11.04%	1.676%
18	14.051	2030	2034	2037	rBV	1393575	1256727	14.95%	2.272%
19	14.221	2060	2063	2066	rBV2	103198	96646	1.15%	0.175%
20	14.527	2112	2115	2118	rBV	146231	134377	1.60%	0.243%
21	14.839	2166	2168	2172	rVB	85256	86703	1.03%	0.157%
22	15.186	2225	2227	2233	rVB3	93885	106407	1.27%	0.192%
23	15.545	2283	2288	2292	rBV	962497	1199701	14.28%	2.169%
24	16.033	2368	2371	2376	rVB2	92359	133579	1.59%	0.241%

Sum of corrected areas: 55320833

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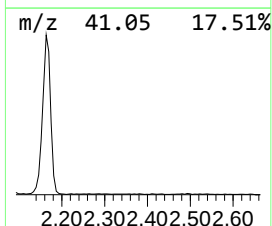
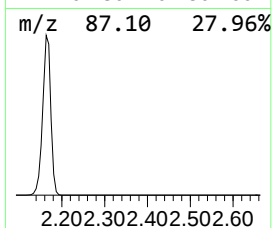
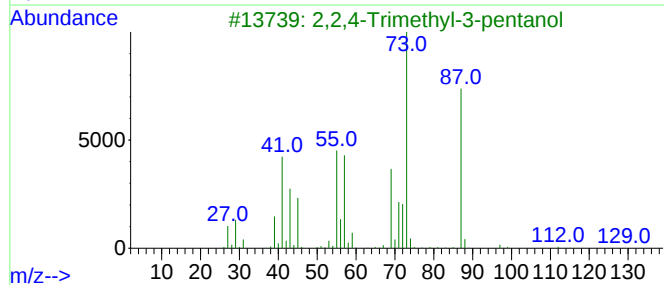
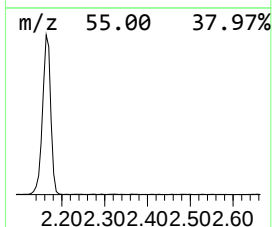
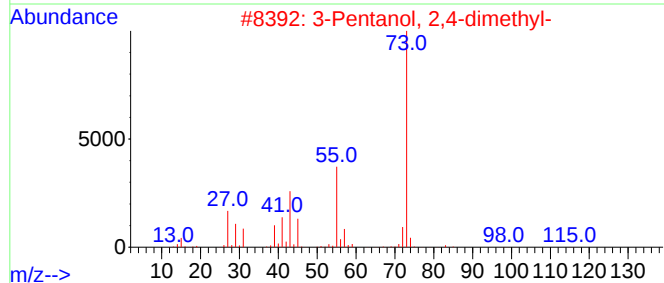
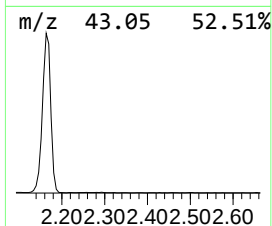
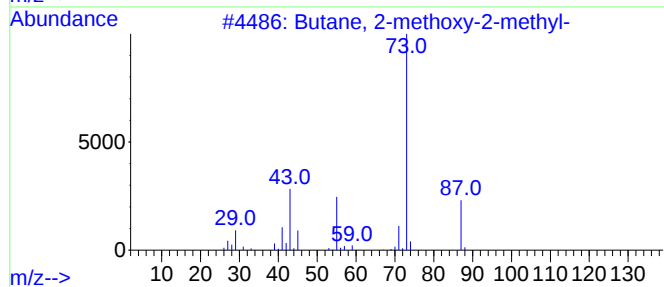
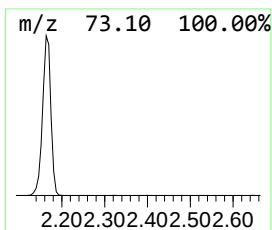
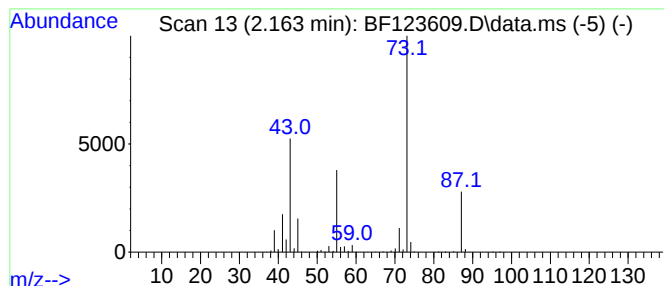
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	54.00 ng	4406740	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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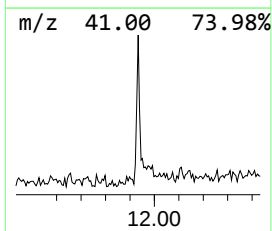
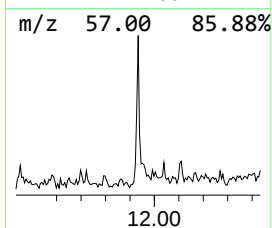
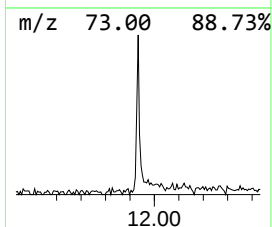
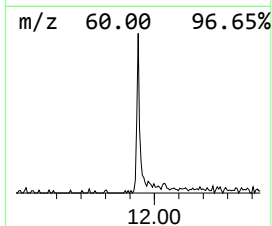
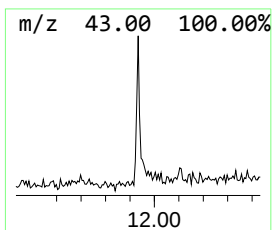
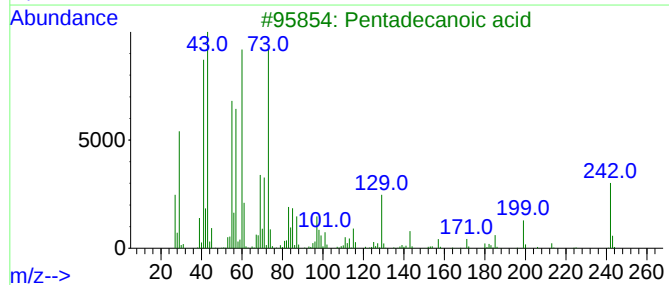
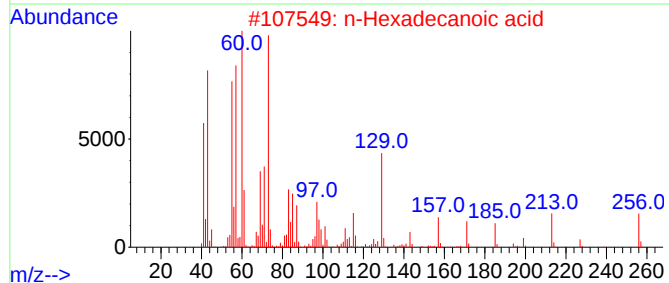
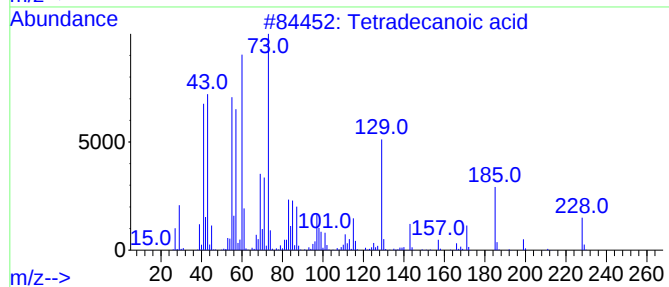
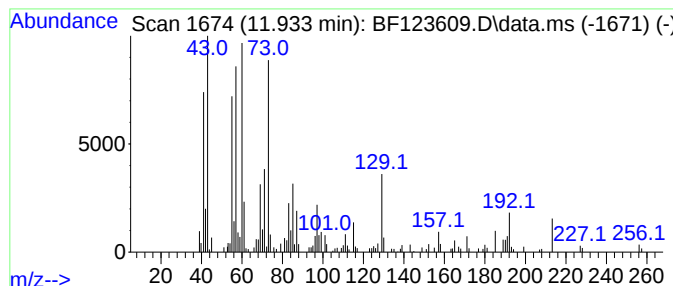
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.67 ng	251236	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Isoamyl nitrite	117	C5H11NO2	000110-46-3	35
5			Estra-1,3,5(10)-trien-17.β-ol	256	C18H24O	002529-64-8	30



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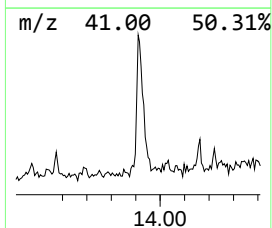
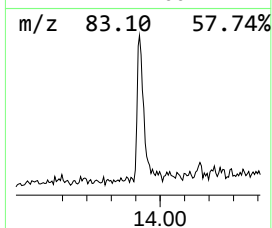
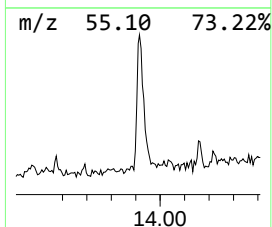
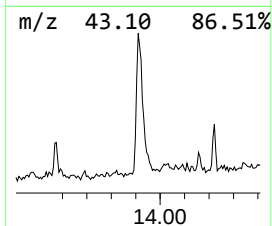
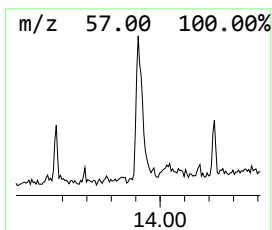
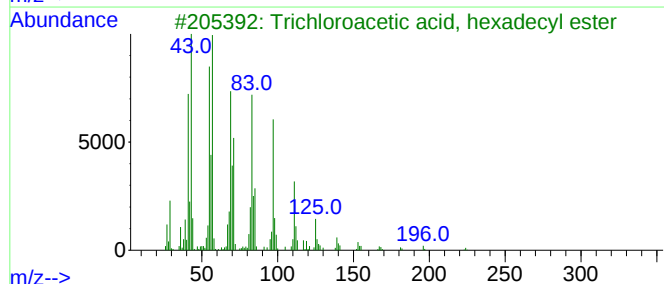
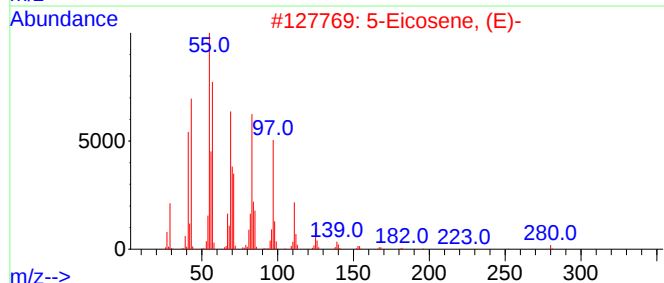
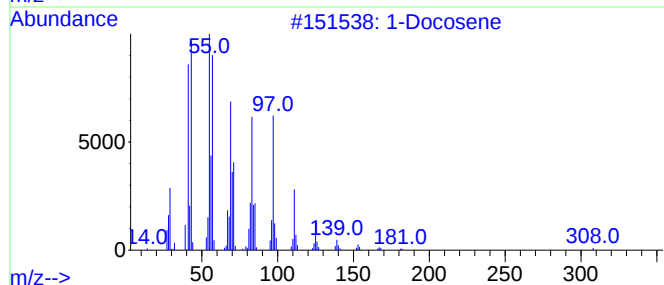
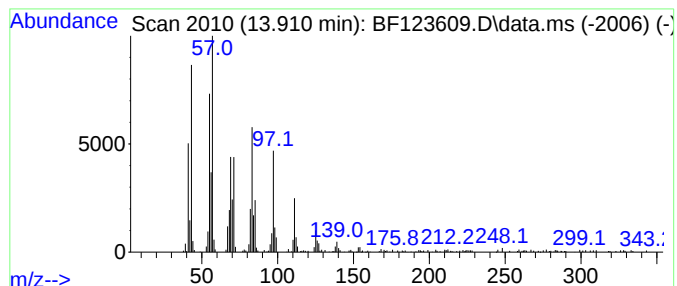
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	14.76 ng	927355	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene			308	C22H44	001599-67-3	99
2	5-Eicosene, (E)-			280	C20H40	074685-30-6	97
3	Trichloroacetic acid, hexadecyl ...			386	C18H33Cl3O2	074339-54-1	94
4	Heptadecyl trifluoroacetate			352	C19H35F3O2	1000351-87-0	94
5	Eicosyl trifluoroacetate			394	C22H41F3O2	1000351-75-2	91



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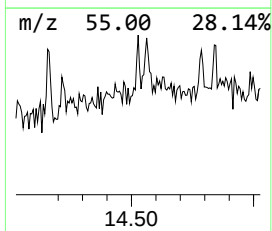
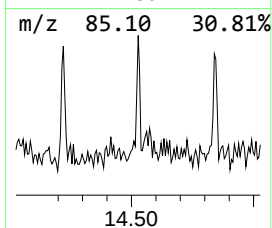
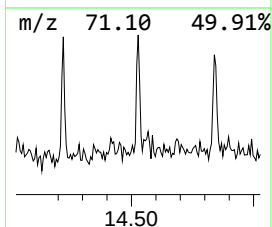
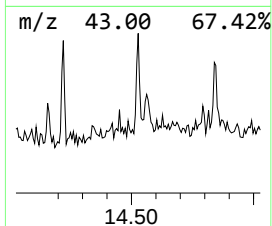
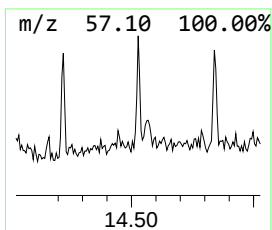
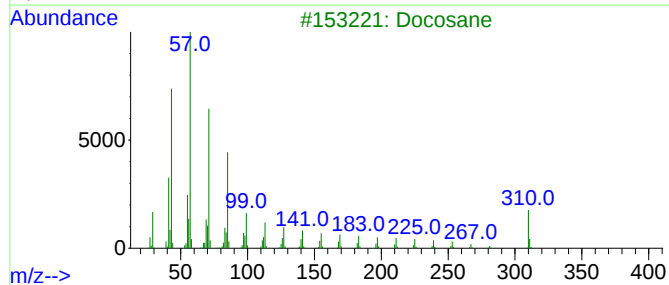
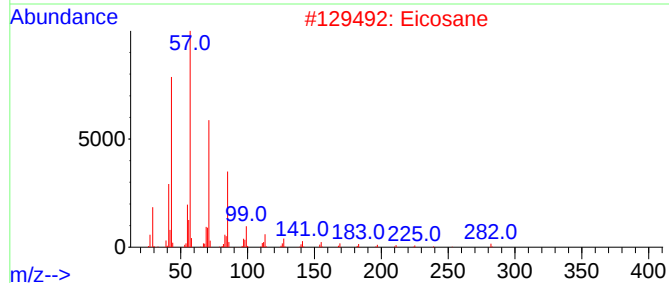
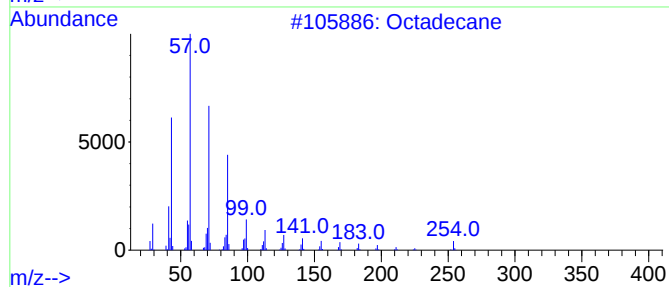
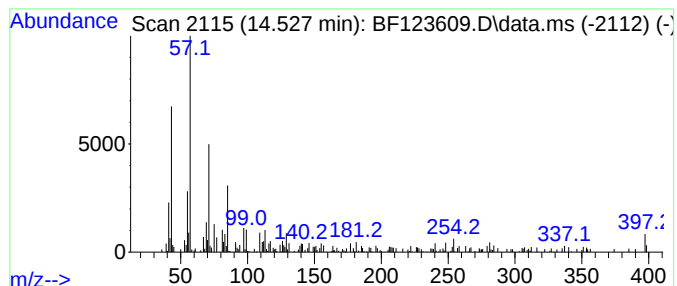
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	2.14 ng	134377	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	89
2			Eicosane	282	C20H42	000112-95-8	86
3			Docosane	310	C22H46	000629-97-0	70
4			Heptadecane	240	C17H36	000629-78-7	62
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58



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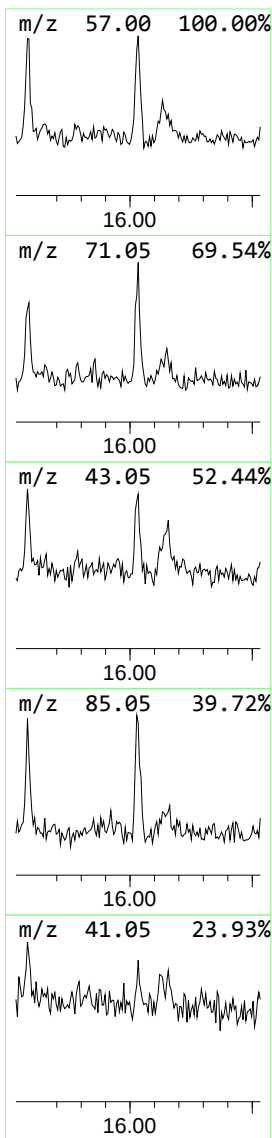
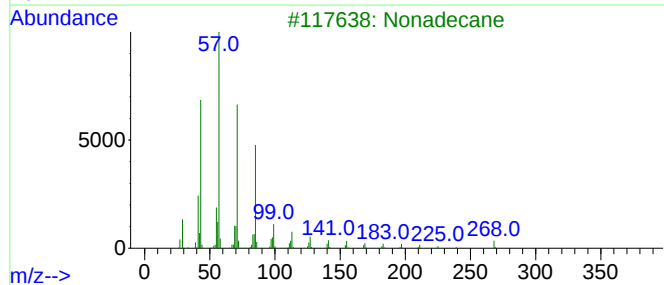
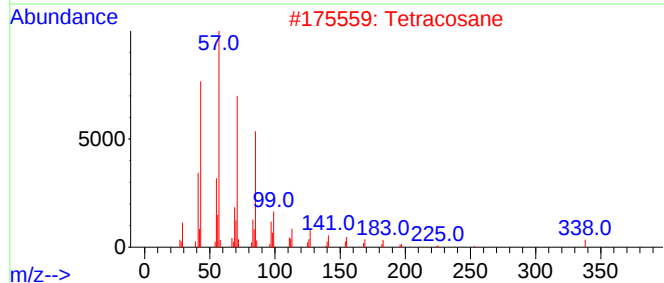
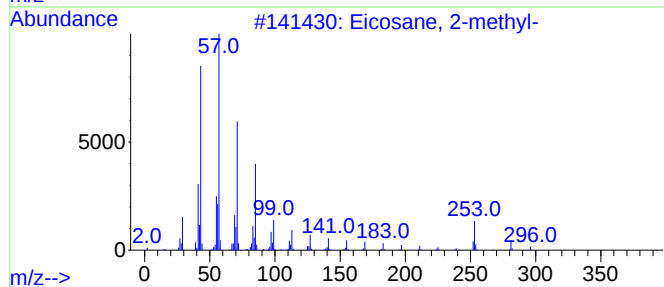
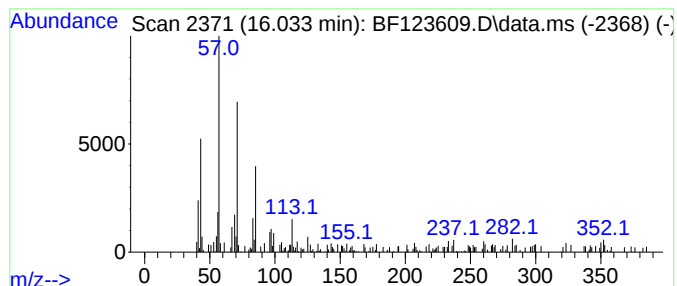
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Peak Number 5 Eicosane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	2.23 ng	133579	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
2			Tetracosane	338	C24H50	000646-31-1	70
3			Nonadecane	268	C19H40	000629-92-5	70
4			Eicosane	282	C20H42	000112-95-8	62
5			Heneicosane	296	C21H44	000629-94-7	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	54.0	ng	4406740	1	6.869	1632170	20.0
Tetradecanoic acid	11.933	2.7	ng	251236	4	11.404	1880300	20.0
1-Docosene	13.910	14.8	ng	927355	5	14.051	1256730	20.0
Octadecane	14.527	2.1	ng	134377	5	14.051	1256730	20.0
Eicosane, 2-met...	16.033	2.2	ng	133579	6	15.545	1199700	20.0