

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144407.D
 Acq On : 02 Dec 2025 17:19
 Operator : RC/JU
 Sample : Q3742-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-24

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.928	288	295	307	rVB	20234	35329	3.85%	0.340%
2	5.075	482	490	499	rBV	175613	259852	28.30%	2.497%
3	5.487	555	560	583	rVB	565125	782982	85.27%	7.524%
4	6.492	726	731	756	rBV	575195	819812	89.29%	7.878%
5	6.863	789	794	800	rBV	181562	230901	25.15%	2.219%
6	7.422	884	889	900	rBV	386126	504737	54.97%	4.850%
7	8.145	1005	1012	1024	rVB	228352	316423	34.46%	3.041%
8	8.369	1041	1050	1056	rBV3	6182	12197	1.33%	0.117%
9	9.216	1189	1194	1203	rBV	717905	918185	100.00%	8.824%
10	9.763	1283	1287	1293	rBV	7783	9774	1.06%	0.094%
11	9.898	1305	1310	1319	rVB	245700	313017	34.09%	3.008%
12	10.451	1394	1404	1409	rBV2	5823	10548	1.15%	0.101%
13	10.616	1426	1432	1440	rBV	85530	111810	12.18%	1.074%
14	10.692	1440	1445	1456	rVV	385467	507249	55.24%	4.875%
15	10.804	1460	1464	1474	rVB5	7302	14464	1.58%	0.139%
16	10.922	1481	1484	1491	rVB	17627	23204	2.53%	0.223%
17	11.392	1559	1564	1574	rVV2	214800	327834	35.70%	3.150%
18	11.469	1574	1577	1580	rVV	14246	15246	1.66%	0.147%
19	11.627	1598	1604	1610	rBV7	7087	21603	2.35%	0.208%
20	11.845	1637	1641	1644	rBV5	7845	13537	1.47%	0.130%
21	11.916	1644	1653	1659	rVV2	136296	229170	24.96%	2.202%
22	11.974	1660	1663	1665	rVV	12405	16838	1.83%	0.162%
23	12.010	1665	1669	1678	rVB2	23023	51944	5.66%	0.499%
24	12.086	1678	1682	1687	rBV7	11790	21078	2.30%	0.203%
25	12.169	1692	1696	1703	rVB4	18699	35424	3.86%	0.340%
26	12.245	1703	1709	1716	rVB6	16115	28430	3.10%	0.273%
27	12.333	1719	1724	1728	rBV2	27699	40584	4.42%	0.390%
28	12.445	1740	1743	1746	rVV	11899	17477	1.90%	0.168%
29	12.486	1746	1750	1756	rVB6	18074	39786	4.33%	0.382%
30	12.610	1766	1771	1774	rBV	109827	143012	15.58%	1.374%
31	12.645	1774	1777	1783	rVV	39287	51406	5.60%	0.494%
32	12.704	1783	1787	1793	rVV2	37695	57091	6.22%	0.549%
33	12.839	1804	1810	1816	rBV	99298	153700	16.74%	1.477%
34	12.892	1817	1819	1825	rVB3	11666	15848	1.73%	0.152%
35	12.980	1826	1834	1842	rBV	596467	788846	85.91%	7.581%
36	13.057	1843	1847	1852	rBV4	16475	32346	3.52%	0.311%

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37	13.116	1853	1857	1861	rVV	46571	58667	6.39%	0.564%
38	13.168	1863	1866	1869	rVB	24451	28860	3.14%	0.277%
39	13.233	1874	1877	1880	rVV	27818	37810	4.12%	0.363%
40	13.274	1880	1884	1890	rVB4	27056	50132	5.46%	0.482%
41	13.363	1897	1899	1902	rBV	9123	10943	1.19%	0.105%
42	13.398	1902	1905	1909	rVB3	13308	15797	1.72%	0.152%
43	13.551	1923	1931	1932	rBV5	29582	60589	6.60%	0.582%
44	13.833	1975	1979	1981	rBV2	22865	38062	4.15%	0.366%
45	13.874	1982	1986	1995	rVB3	94925	172691	18.81%	1.660%
46	14.039	2009	2014	2028	rVB2	278186	548589	59.75%	5.272%
47	14.192	2037	2040	2046	rVB3	23963	32582	3.55%	0.313%
48	14.515	2089	2095	2100	rBV4	68777	150754	16.42%	1.449%
49	15.092	2188	2193	2200	rBV	92229	222613	24.24%	2.139%
50	15.398	2241	2245	2251	rVB	48580	78022	8.50%	0.750%
51	15.462	2251	2256	2261	rVV	87561	132840	14.47%	1.277%
52	15.527	2261	2267	2280	rVB	216710	395022	43.02%	3.796%
53	15.786	2308	2311	2320	rVB	47245	81228	8.85%	0.781%
54	17.027	2517	2522	2530	rBV2	34487	75242	8.19%	0.723%
55	17.603	2614	2620	2628	rBV9	34398	109208	11.89%	1.049%
56	18.168	2708	2716	2726	rVB3	110341	305385	33.26%	2.935%
57	18.427	2749	2760	2779	rBV2	235158	829199	90.31%	7.969%

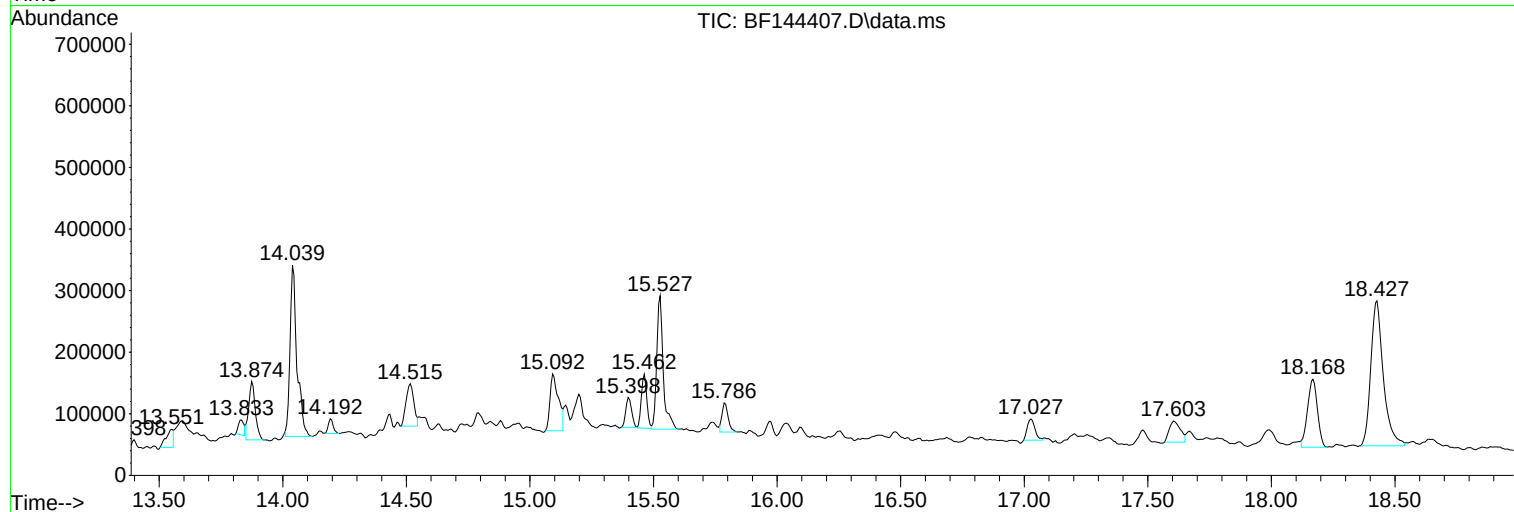
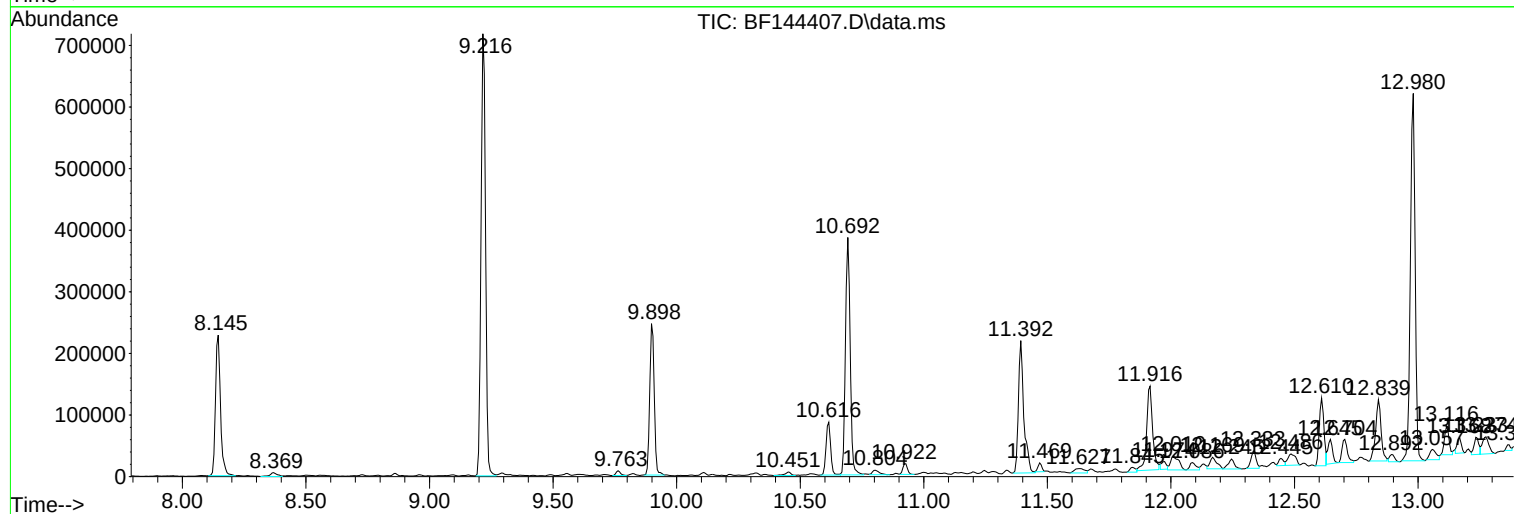
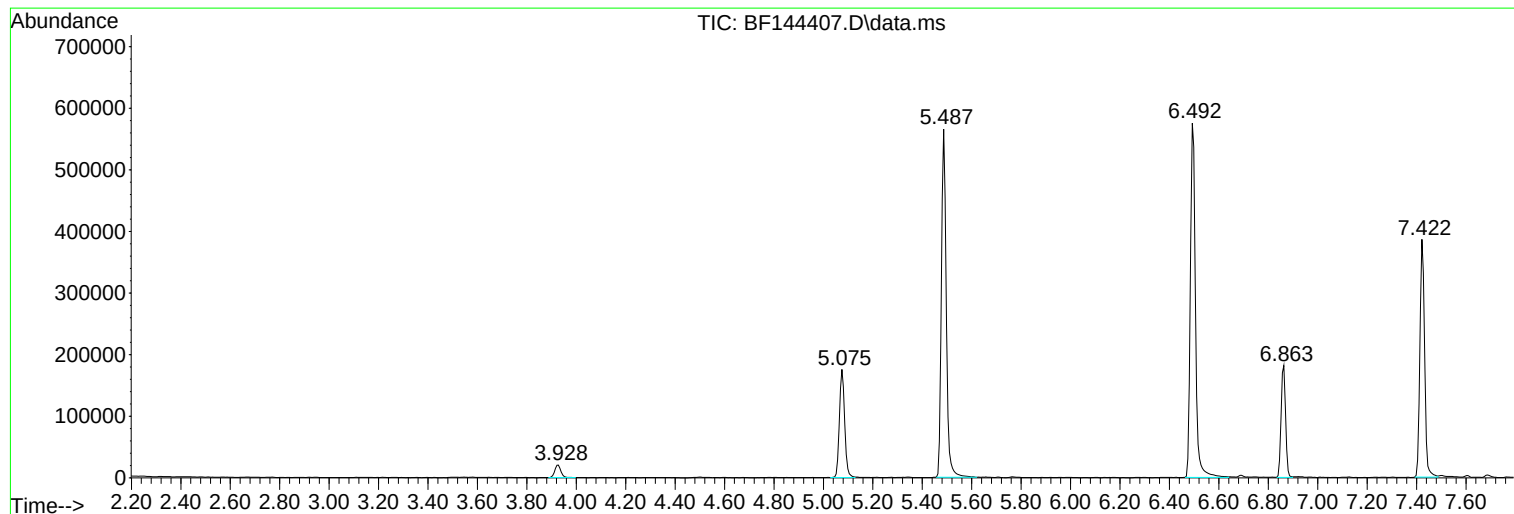
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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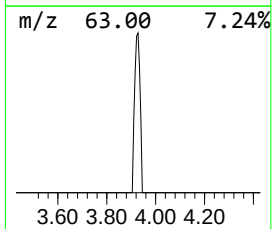
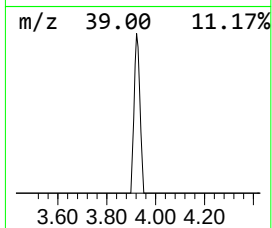
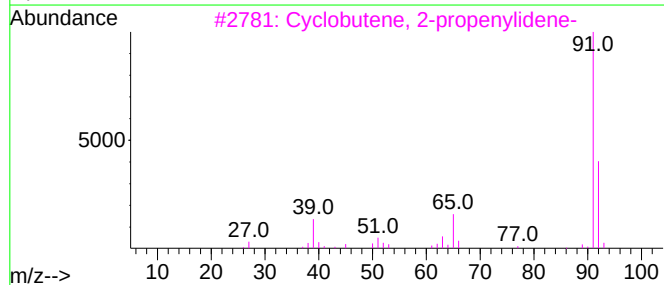
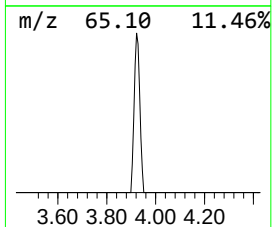
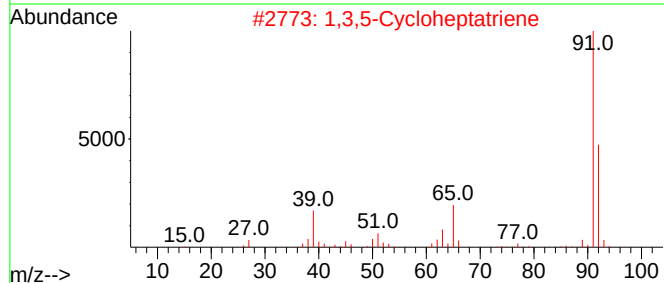
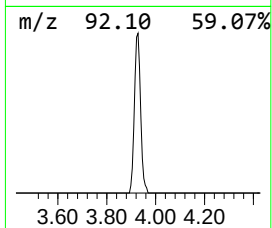
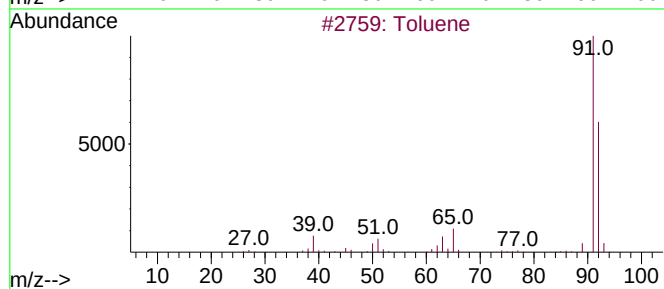
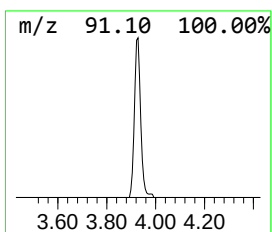
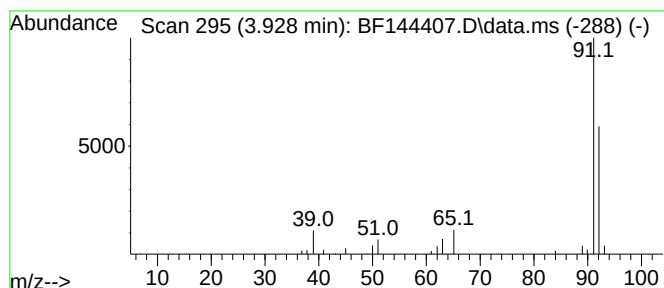
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.928	3.06 ng	35329	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	91
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	80
4			1,5-Heptadien-3-yne	92	C7H8	003511-27-1	72
5			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	50



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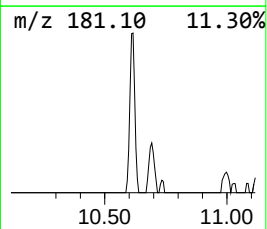
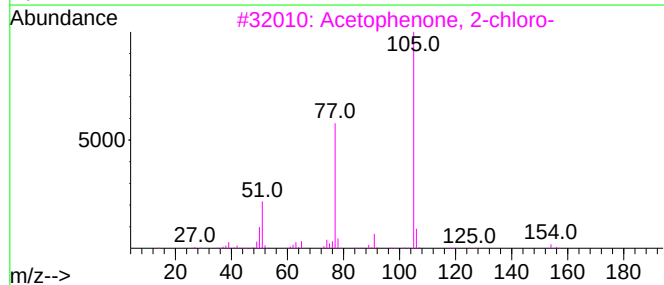
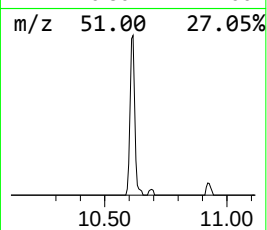
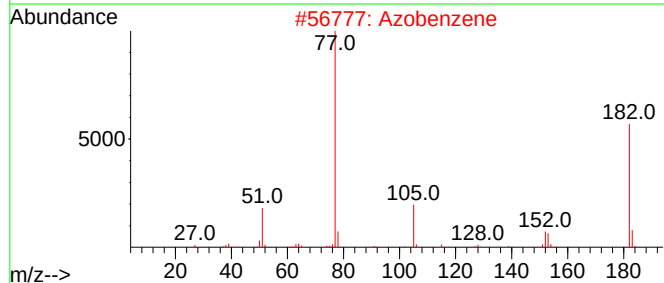
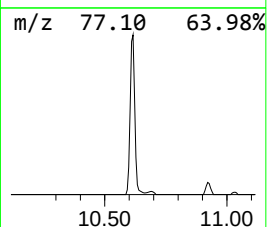
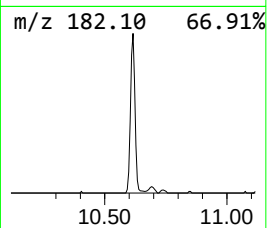
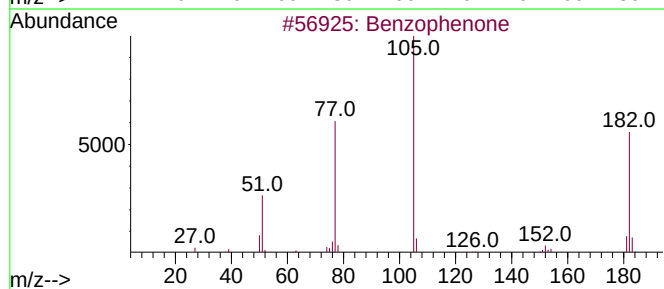
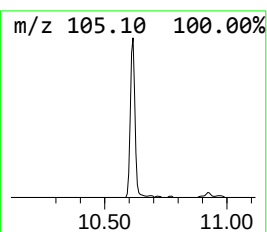
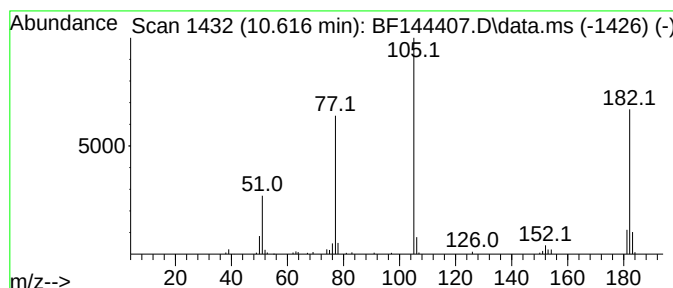
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	7.14 ng	111810	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	47
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43
5			Benzilamide	227	C14H13NO2	004746-87-6	43



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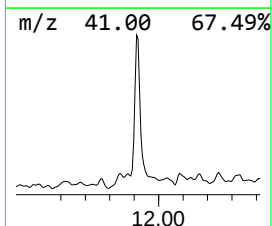
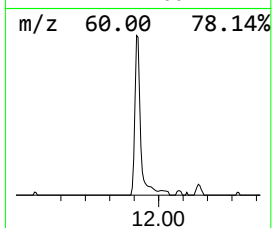
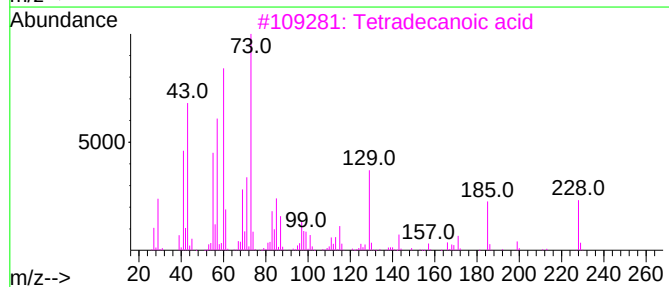
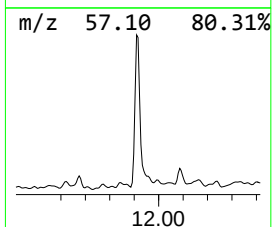
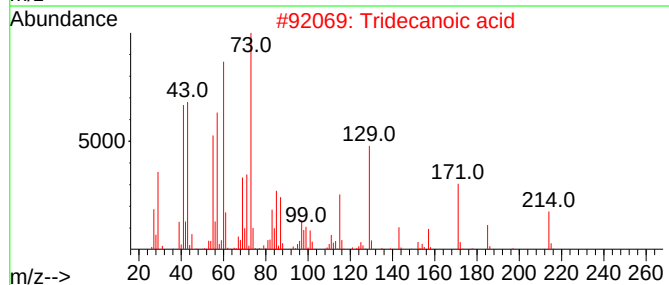
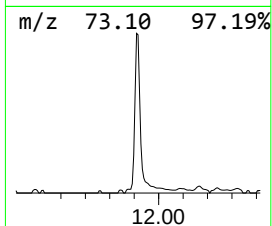
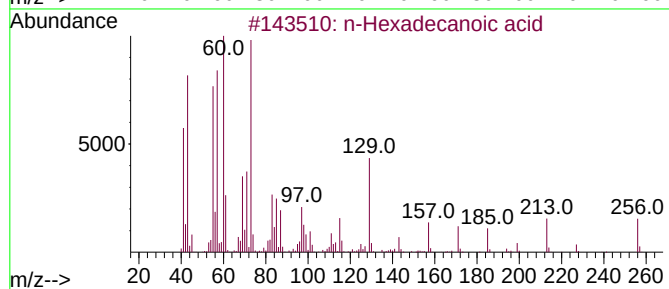
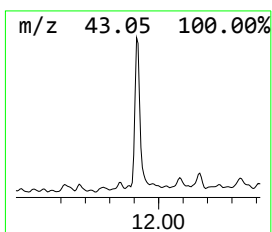
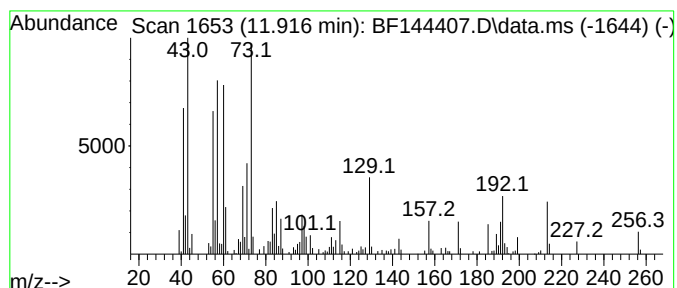
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	13.98 ng	229170	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	64
5	Nonanoic acid		158	C9H18O2	000112-05-0	25



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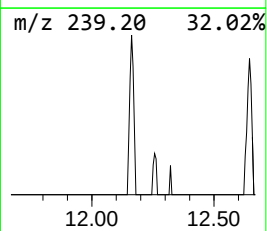
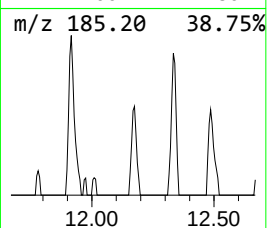
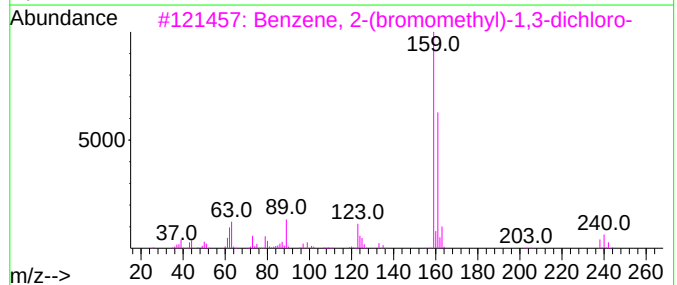
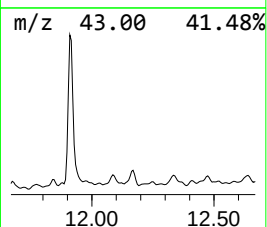
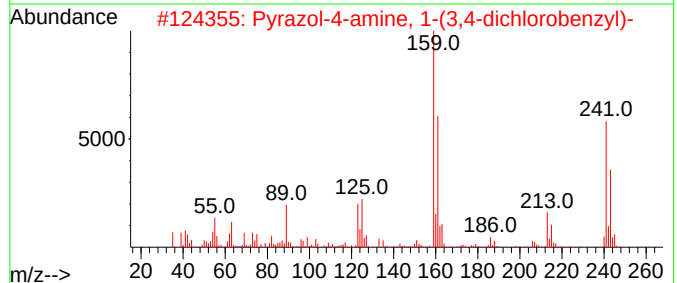
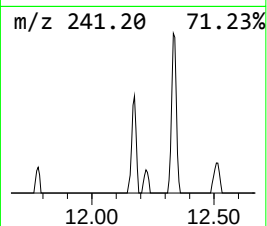
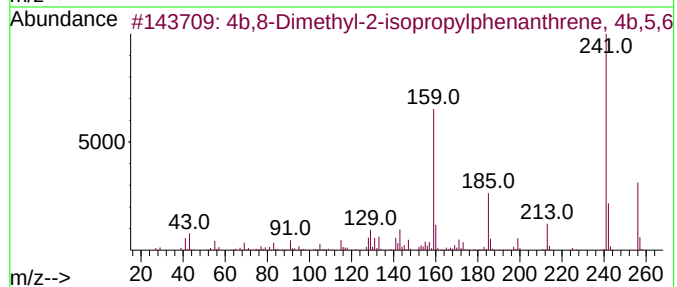
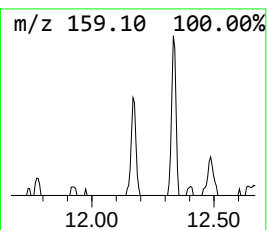
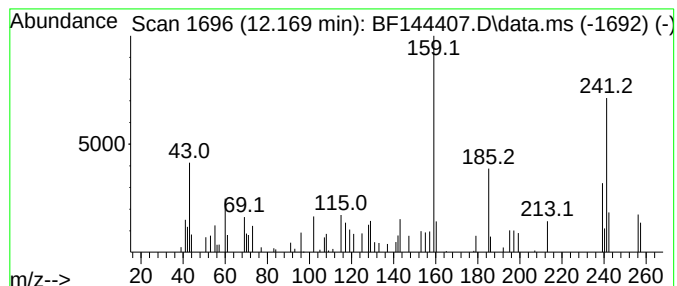
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	2.16 ng	35424	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2			Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	46
3			Benzene, 2-(bromomethyl)-1,3-dic...	238	C7H5BrCl2	020443-98-5	22
4			1,2-hydrazinedicarbothioamide, 1...	192	C5H12N4S2	1010395-98-1	22
5			3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	22



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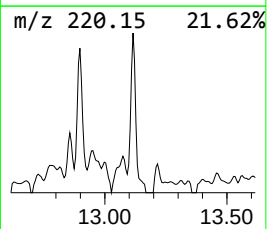
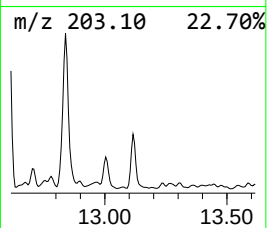
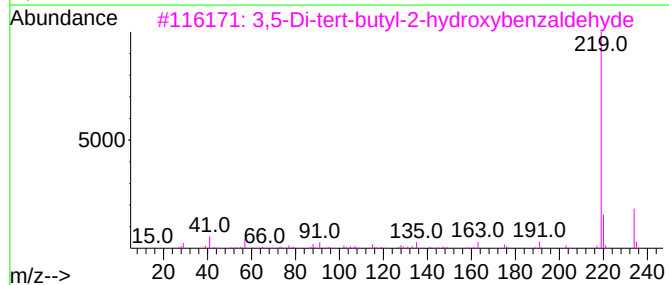
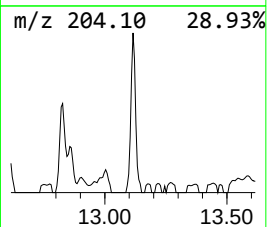
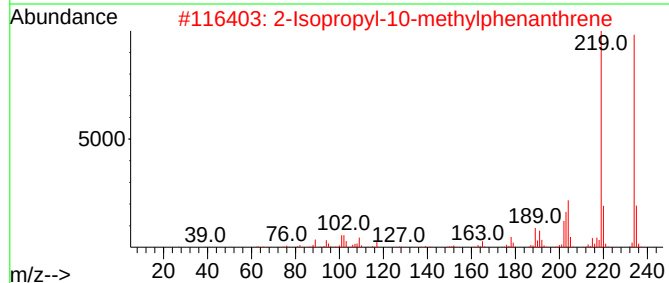
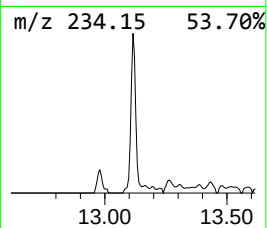
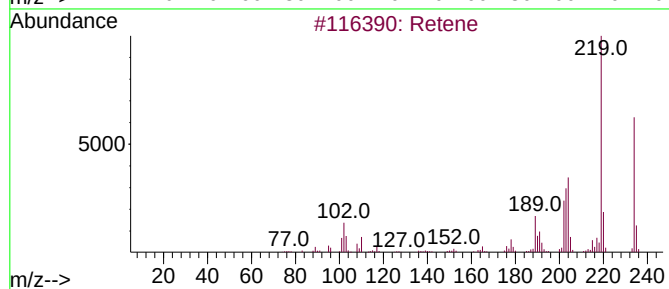
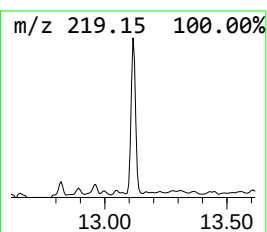
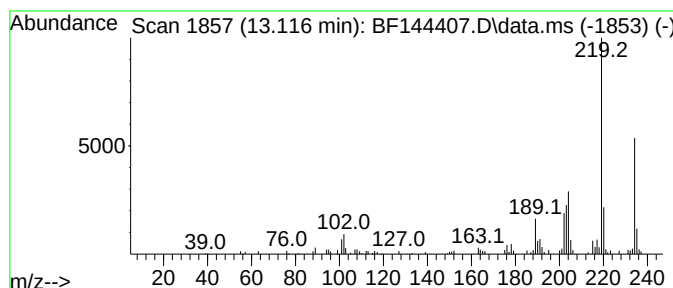
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Retene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.14 ng	58667	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Retene	234	C18H18	000483-65-8	98
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3			3,5-Di-tert-butyl-2-hydroxybenza...	234	C15H22O2	037942-07-7	52
4			Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52
5			2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	52



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Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

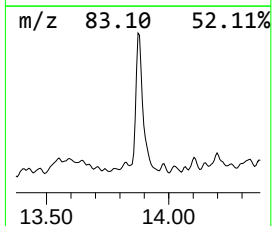
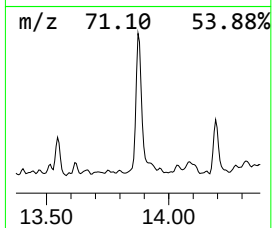
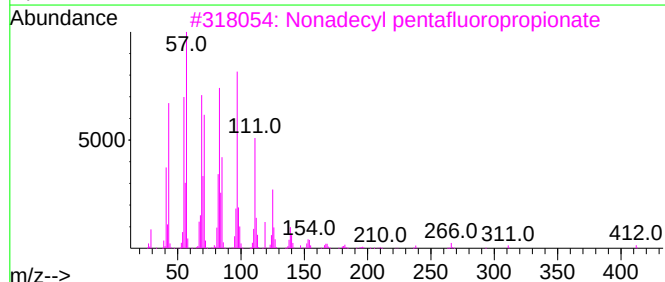
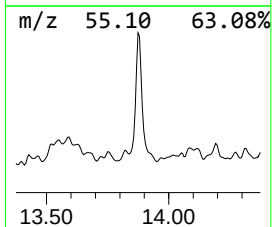
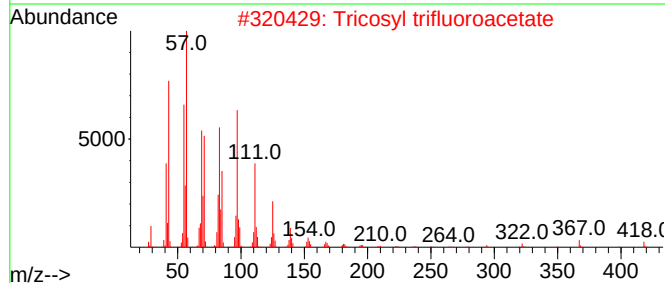
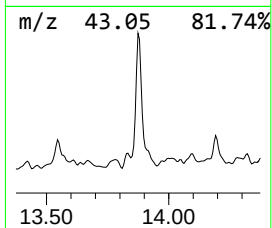
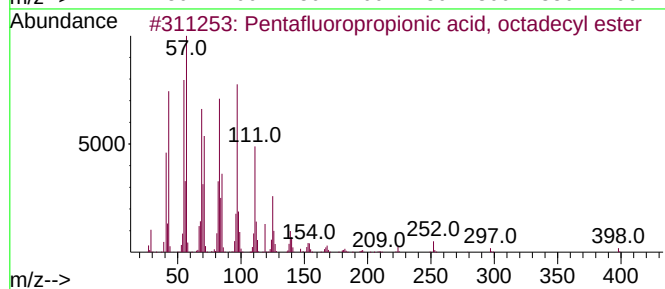
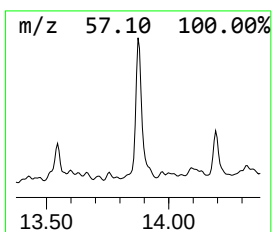
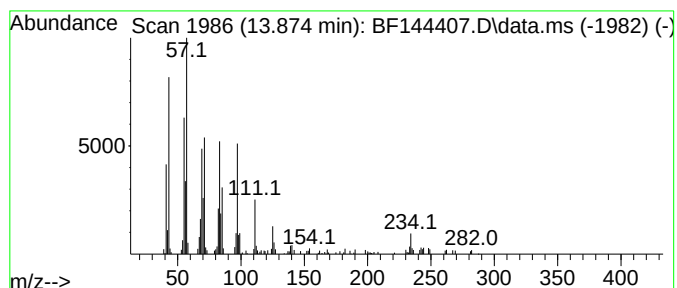
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.874	6.30 ng	172691	Chrysene-d12		14.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...		416	C21H37F5O2	959261-25-7	87
2	Tricosyl trifluoroacetate		436	C25H47F3O2	1000351-75-1	87
3	Nonadecyl pentafluoropropionate		430	C22H39F5O2	1000351-88-8	87
4	Pentadecafluorooctanoic acid, oc...		666	C26H37F15O2	1000406-04-8	87
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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Sample : Q3742-18
Misc :
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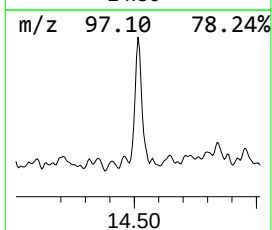
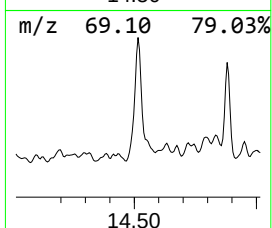
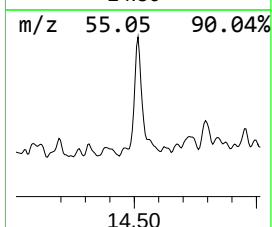
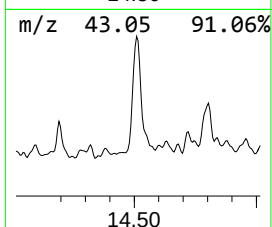
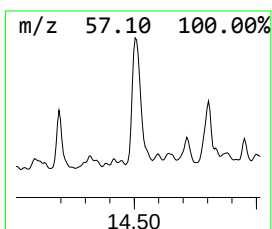
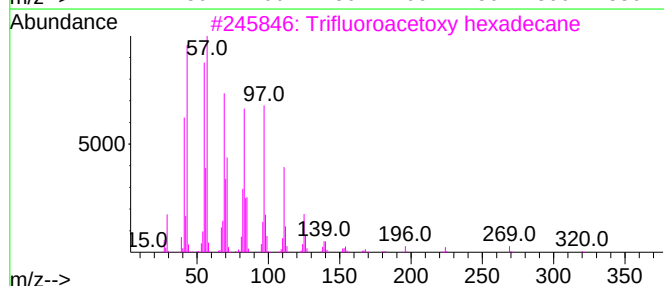
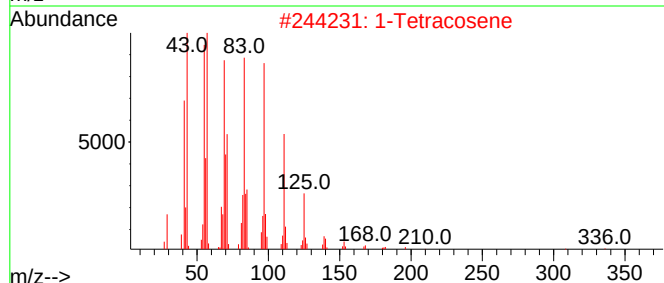
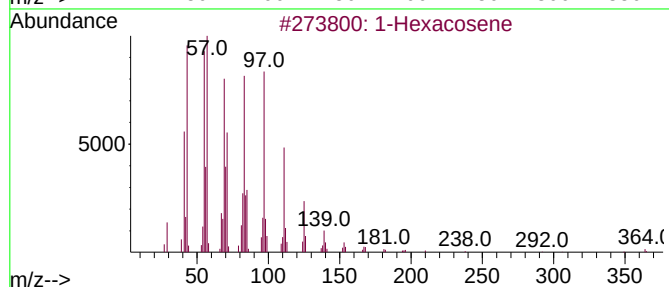
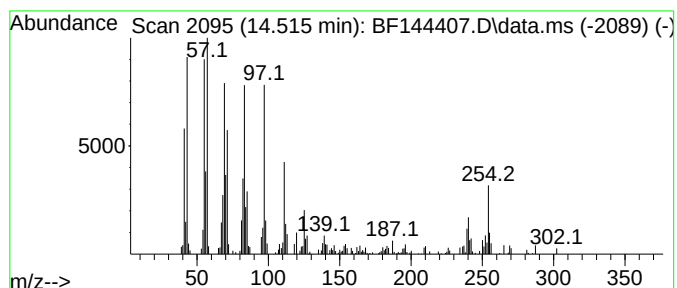
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Hexacosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.515	5.50 ng	150754	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	1-Tetracosene	336	C24H48	010192-32-2	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
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Sample : Q3742-18
Misc :
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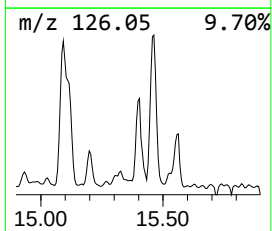
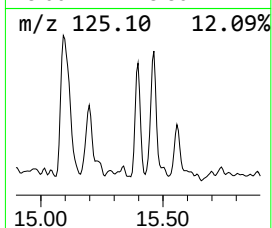
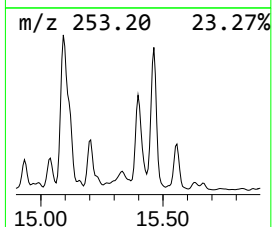
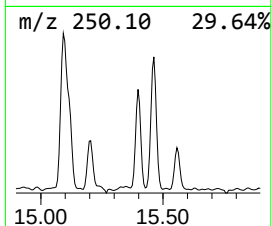
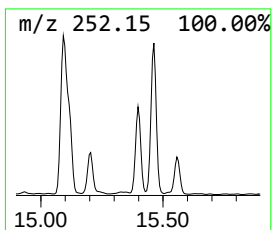
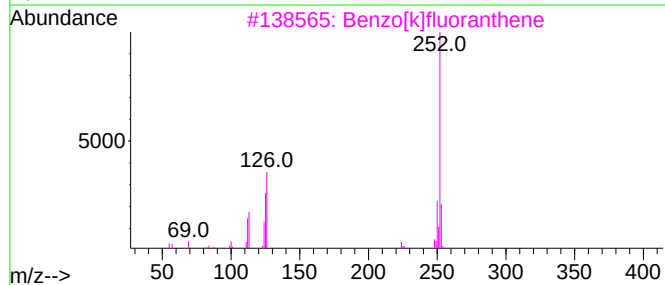
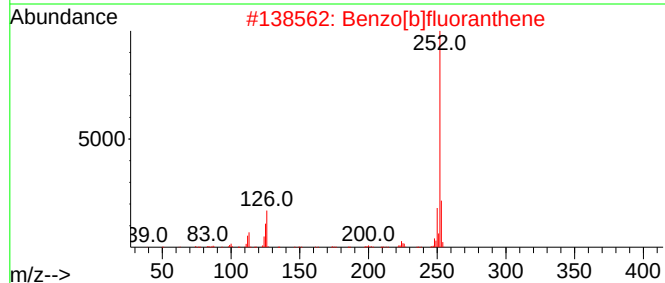
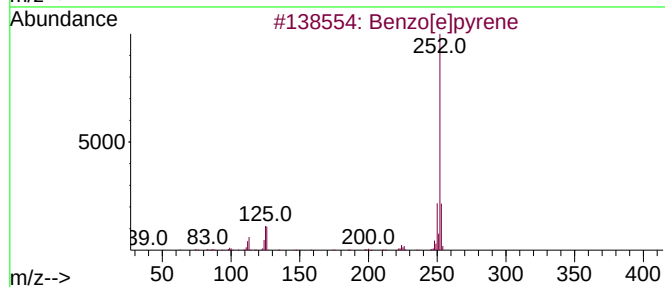
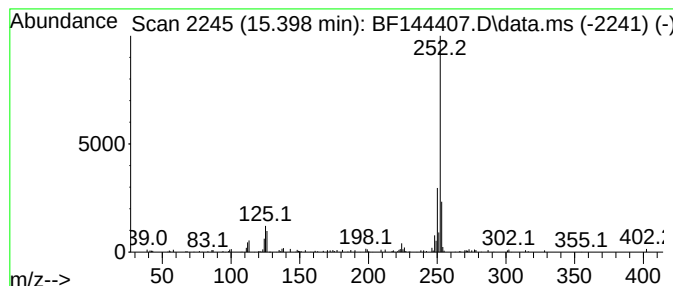
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	3.95 ng	78022	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

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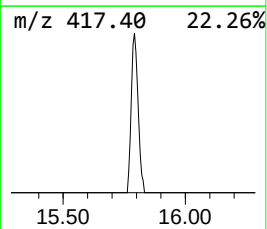
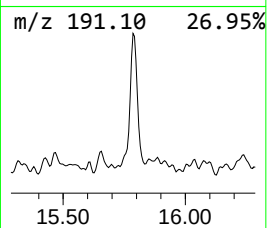
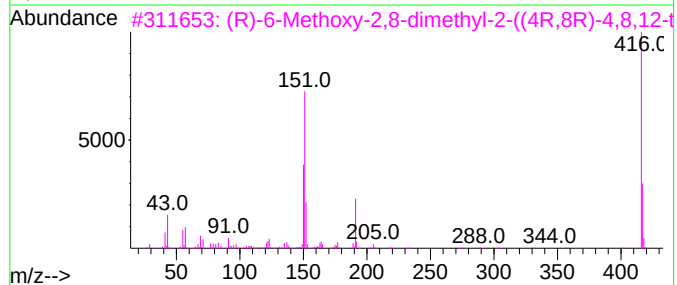
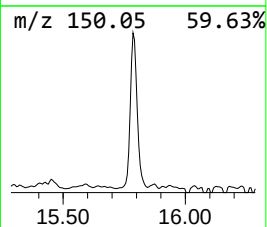
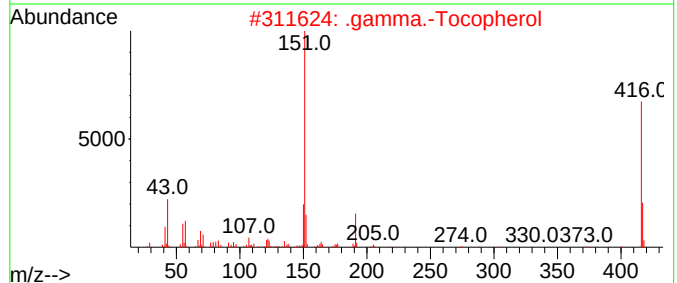
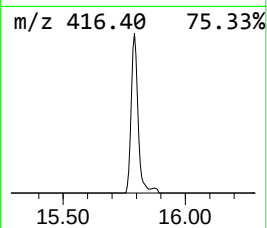
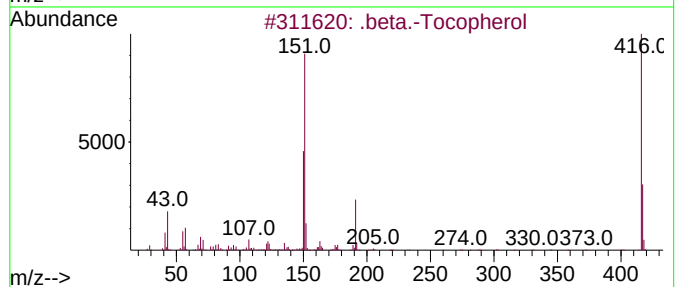
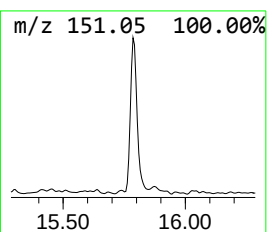
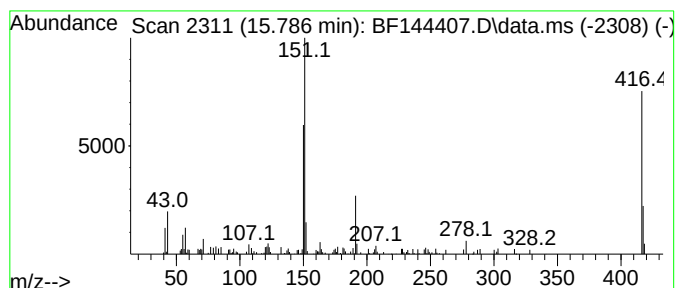
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Tocopherol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	4.11 ng	81228	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.beta.-Tocopherol	416	C28H48O2	000148-03-8	96
2	.		.gamma.-Tocopherol	416	C28H48O2	007616-22-0	93
3	(R)-6-Methoxy-2,8-dimethyl-2-((4...			416	C28H48O2	1116113-36-0	86
4	3,4-Dihydro-3,5,8-trimethyl-3-(4...			458	C30H50O3	1000105-71-9	64
5	N,N'-Bis(3-methoxyfluoren-9-ylid...			416	C28H20N2O2	1000210-76-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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Misc :
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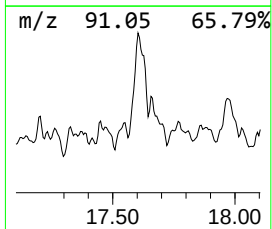
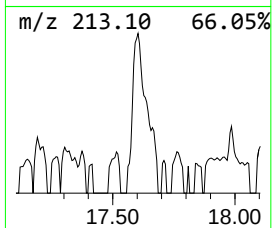
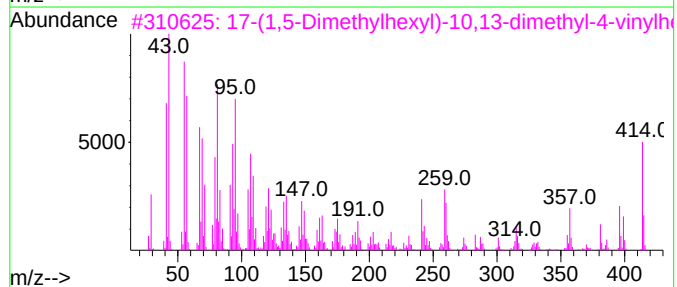
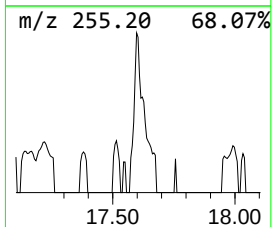
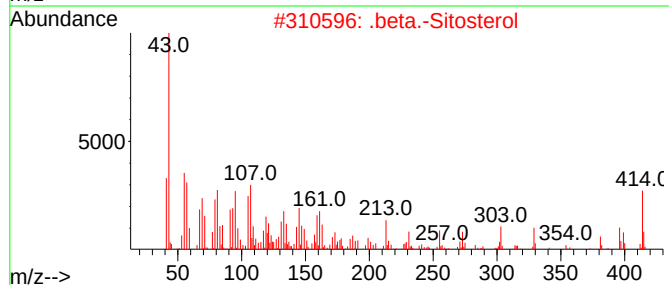
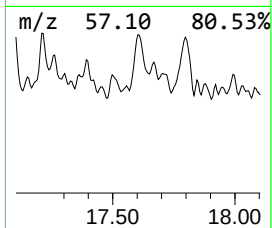
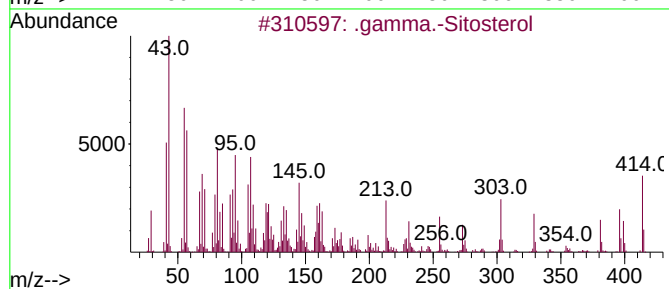
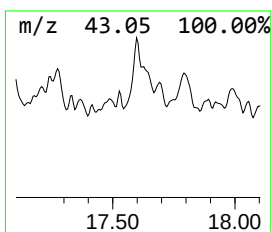
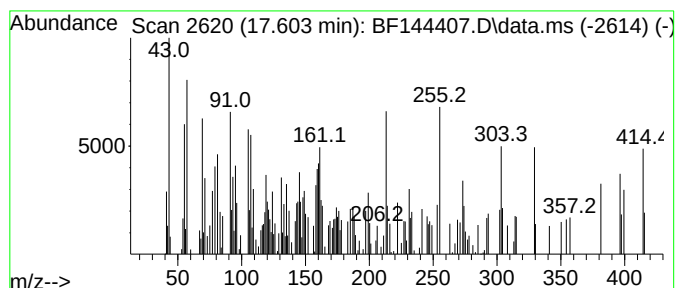
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.604	5.53 ng	109208	Perylene-d12	15.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	86
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	64
3	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	30
4	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	22
5	Stigmastan-7-one	414	C29H50O	055331-88-9	11



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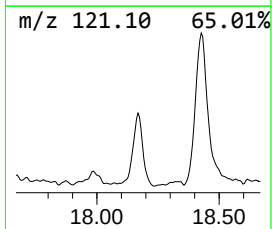
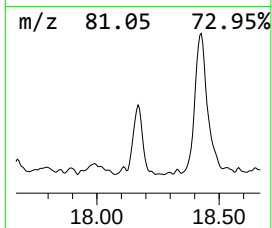
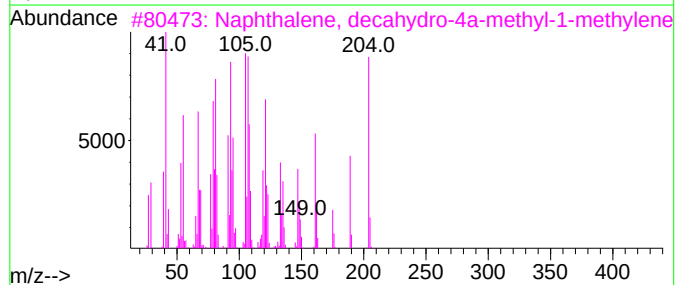
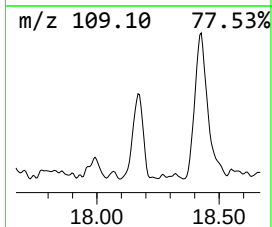
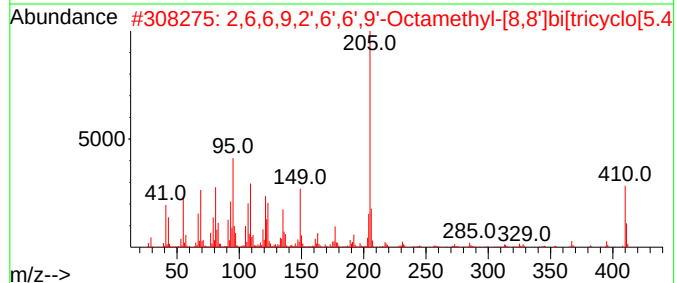
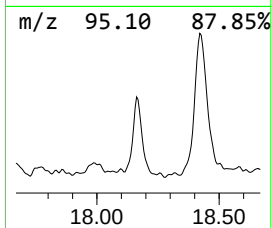
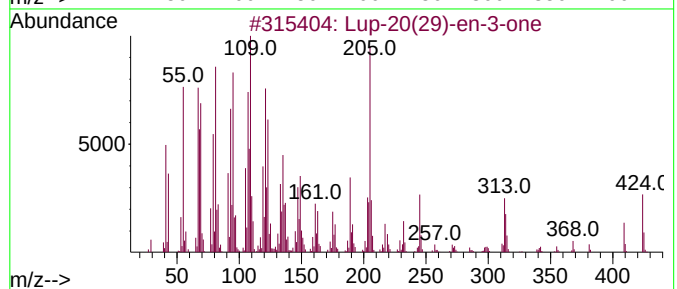
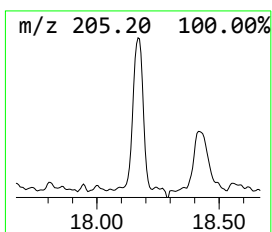
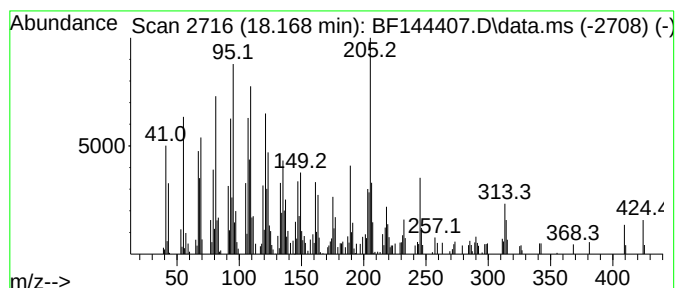
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Lup-20(29)-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	15.46 ng	305385	Perylene-d12	15.527
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 99
2		2,6,6,9,2',6',6',9'-Octamethyl-[...]	410 C30H50	1000189-48-2 70
3		Naphthalene, decahydro-4a-methyl...	204 C15H24	017066-67-0 46
4		1,1,6-trimethyl-3-methylene-2-(3...	452 C33H56	1000373-94-5 46
5		(-)-Isolongifolol, methyl ether	236 C16H28O	1000333-80-8 46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

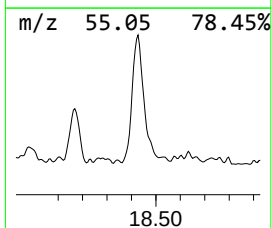
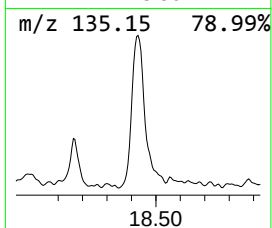
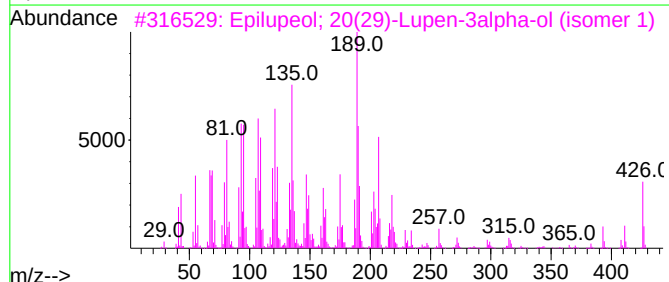
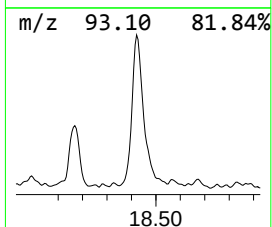
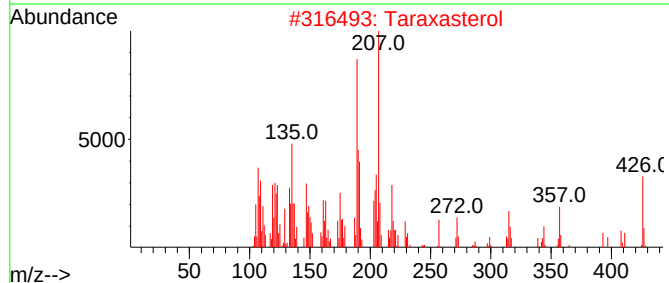
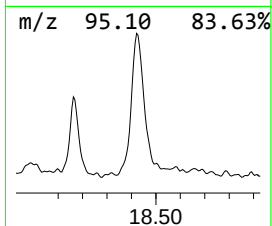
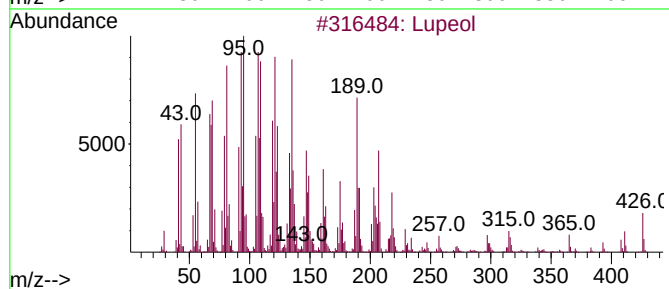
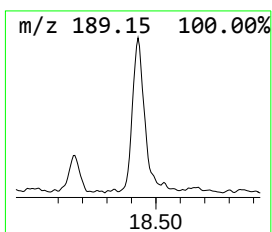
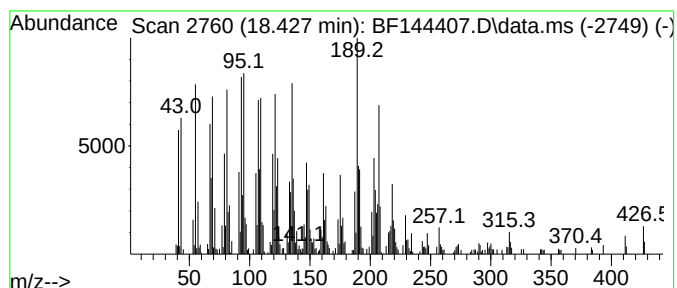
Instrument :
BNA_F
ClientSampleId :
SB-1125-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Lupeol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.427	41.98 ng	829199	Perylene-d12	15.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lupeol	426	C30H50O	000545-47-1	99
2	Taraxasterol	426	C30H50O	001059-14-9	91
3	Epilupeol; 20(29)-Lupen-3alpha-o...	426	C30H50O	1000513-01-3	90
4	Epilupeol; 20(29)-Lupen-3alpha-o...	426	C30H50O	1000513-01-4	86
5	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cyclohept...	3.928	3.1	ng	35329	1	6.863	230901	20.0
Benzophenone	10.616	7.1	ng	111810	3	9.898	313017	20.0
n-Hexadecanoic ...	11.916	14.0	ng	229170	4	11.392	327834	20.0
4b,8-Dimethyl-2...	12.169	2.2	ng	35424	4	11.392	327834	20.0
Retene	13.116	2.1	ng	58667	5	14.045	548589	20.0
Pentafluoroprop...	13.874	6.3	ng	172691	5	14.045	548589	20.0
1-Hexacosene	14.515	5.5	ng	150754	5	14.045	548589	20.0
Benzo[e]pyrene	15.398	4.0	ng	78022	6	15.527	395022	20.0
.beta.-Tocopherol	15.786	4.1	ng	81228	6	15.527	395022	20.0
.gamma.-Sitosterol	17.604	5.5	ng	109208	6	15.527	395022	20.0
Lup-20(29)-en-3...	18.168	15.5	ng	305385	6	15.527	395022	20.0
Lupeol	18.427	42.0	ng	829199	6	15.527	395022	20.0